hart hickman
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Via US Mail and Email

September 5, 2013

NC DOT – Roadside Environmental Unit
4809 Beryl Road
Raleigh, NC 27606

Attention: Mr. Ethan Caldwell, PE and LG

Re: Soil Assessment Report
Former Asphalt Testing Site No. 6-48
Pittsboro, North Carolina
H&H Job No. ROW-415

Dear Ethan:

In accordance with our authorized scope of work, please find the attached hard copy of the Soil Assessment Report for the above referenced site. An electronic copy of this report in PDF format was provided by email. If you have any questions or need further information, please do not hesitate to contact me.

Sincerely,

Hart & Hickman, PC

Matt Bramblett, PE
Principal

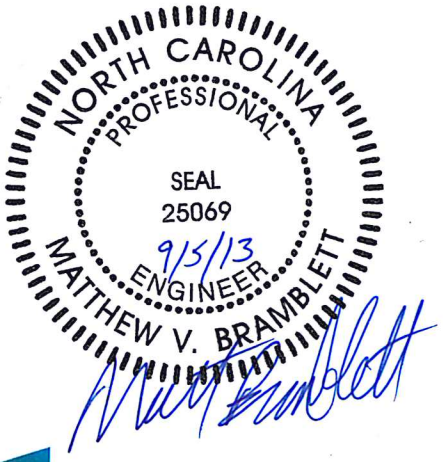
Enclosure

cc: Mr. Chris Niver, NC DOT (Via Email)

Soil Assessment
Former Asphalt Testing Site No. 6-48

240 Sugar Lake Road
Pittsboro, North Carolina

September 5, 2013
H&H Job No. ROW-415



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Soil Assessment
Former Asphalt Testing Facility
Pittsboro, North Carolina
H&H Job No. ROW-415

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Soil Assessment
Former Asphalt Testing Facility
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1.0 Introduction

This report documents soil assessment activities conducted by Hart & Hickman, PC (H&H) at the former North Carolina (NC) Department of Transportation (DOT) Asphalt Testing Facility (site) located at 240 Sugar Lake Road, in Pittsboro, North Carolina. A site location map is provided as Figure 1. A brief summary of the site history and project objectives are provided below.

1.1 Site Background

The site is located on an approximate 37.6-acre parcel containing an asphalt batch plant. The site contains paved areas, wooded areas, aggregate storage, two industrial buildings, and equipment associated with the batch production of asphalt.

NCDOT utilized an asphalt testing laboratory at the site where chlorinated solvents including carbon tetrachloride, trichloroethene (TCE), and/or 1,1,1-trichloroethane (1,1,1-TCA) may have been used during the asphalt testing process. The approximate location of the former asphalt-testing laboratory is shown on Figure 2.

NCDOT first began evaluating the site for environmental impacts in 1989. Preliminary investigations at the site identified TCE and 1,1,1-TCA in groundwater and carbon tetrachloride in soil. In 1997, others performed a Comprehensive Site Assessment (CSA) at the site where chlorinated volatile organic compound (VOC) impacts were identified in soil and groundwater. A Corrective Action Plan (CAP) was prepared subsequently by others to address the remediation of the soil and groundwater impacts. The CAP recommended remediation of site groundwater by pump and treat and air sparge methods, and remediation of soil-by-soil vapor extraction (SVE) methods. Groundwater remediation activities began in 2002.

The extent of soil impacts at the site continued to be assessed. In 2010, AECOM performed a site investigation where 22 soil borings (SB-1 through SB-22) were advanced at the site to a maximum depth of 22 feet (ft) below ground surface (bgs) and soil samples were collected at varies depths and submitted for analysis of VOCs. In 2010, AECOM additionally performed a surface soil investigation where 20 borings (B-1 through B-20) were advanced to approximately 8 ft bgs where soil was sampled at 2-ft intervals and submitted for analysis of VOCs. The results of the 2010 investigations indicated that VOCs are primarily present in soil in the vicinity of the former asphalt testing laboratory and to the southwest, where the former asphalt testing laboratory's septic system was located.

In March 2011, AECOM advanced an additional 10 borings (B-22 through B-32) in an effort to delineate the lateral extent of VOC impacts. Previous assessments utilized Direct-Push Technology (DPT) and hollow-stem auger drilling methods, which could not be advanced through partially weather rock (PWR). In an effort to advance soil borings through the PWR, AECOM advanced an additional six borings in November 2012 using roto-sonic drilling techniques to evaluate the vertical extent of soil impacts. Analysis of the soil samples collected in 2011 and 2012 detected several VOCs, although TCE was the primary VOC detected with the highest concentrations. Some limited Synthetic Precipitation Leaching Procedure (SPLP) analyses were conducted by AECOM to determine if detected soil impacts would leach to groundwater. The results indicated that TCE was only slightly leachable; however, the amount of SPLP data was limited.

1.2 Assessment Objectives

The objectives of this soil assessment were to further evaluate the horizontal and vertical extent of VOC impacted soil, to further evaluate the leachability of the primary VOCs, to develop a site-specific soil target cleanup level for TCE, to assess whether site soils contain contaminant concentrations exceeding Resource Conservation and Recovery Act (RCRA) hazardous waste thresholds, and to evaluate feasible soil remediation options.

2.0 Assessment Activities

2.1 Pre-Sampling Activities

Prior to performing the soil sampling activities, H&H notified the North Carolina One-Call Center to locate public subsurface utilities at the site. On June 10, 2013, H&H mobilized to the site to identify and flag the locations of the 11 proposed boring locations.

2.2 Soil Sampling Activities

The soil assessment activities were conducted on June 11 and 12, 2013. H&H utilized South Atlantic Environmental Drilling and Construction Company (SAEDACCO), a NC-licensed driller, to advance soil borings RS-7 through RS-17 using a Geoprobe® model 8140LS roto-sonic drill rig. The 11 soil boring locations are depicted in Figure 2. Roto-sonic drilling techniques were utilized to advance the soil borings through the discontinuous PWR zones present within the investigation area. The 11 soil borings were advanced to an approximate depth of 30 ft.

Utilizing the data presented in previous soil investigations at the site, H&H advanced soil borings RS-7, RS-8, RS-11, and RS-13 around the perimeter of the former asphalt testing laboratory where impacts were expected to be relatively low. Soil borings RS-9, RS-10, and RS-12 were advanced closer to the former asphalt-testing laboratory in areas where moderate soil impacts were expected. Soil borings RS-14 through RS-17 were advanced in the area close to the former asphalt-testing laboratory where the presence of soil impacts was expected to be highest.

Soil samples were retrieved from the subsurface using a roto-sonic core barrel and then transferred to a new tubular plastic liner. Soil samples were logged for lithology and field screened for the presence of VOCs using visual, olfactory, and photoionization detector (PID) methods. Lithology descriptions and field screening results are documented on the soil boring logs included in Appendix A. A photo log of the soils retrieved from the soil borings advanced during the assessment is also included in Appendix A.

Soil samples were collected from perimeter soil borings RS-7 through RS-13 for laboratory analyses from the 5 to 6, 15 to 16, and 25 to 26-ft depth intervals. Soil samples were collected from suspected source area soil borings RS-14 through RS-17 for laboratory analyses from the 0 to 1, 5 to 6, 10 to 11, 15 to 16, 20 to 21, and 25 to 26-ft depth intervals.

Soils were collected and transferred into new laboratory-supplied sample containers and submitted for laboratory analysis. Soil samples were collected from each of the above mentioned depth intervals for analysis of total VOCs by the Environmental Protection Agency (EPA) Method 8260.

In order to evaluate the leachability of VOCs in site soils and to determine an appropriate site-specific target soil cleanup level, soil samples were additionally collected from the above mentioned depth intervals and analyzed for analysis of VOCs by the Synthetic Precipitation Leaching Procedure (SPLP) and for fraction of organic carbon (FOC) by American Society for Testing and Materials (ASTM) Method D2974-87. H&H analysis for FOC to determine if organic carbon in the soil may have accounted for the only slight leachability of TCE as indicated by AECOM's data. Additional soil samples were collected from select soil borings for analysis of VOCs by the Toxicity Characteristic Leaching Procedure (TCLP) to determine if soils excavated from the site would contain VOCs at concentrations exceeding RCRA characteristically hazardous waste thresholds.

2.3 Quality Assurance and Quality Control Samples

Quality assurance/quality control (QA/QC) samples were collected to evaluate soil data quality. A summary of the QA/QC samples collected is provided below.

- **Trip Blank** – A trip blank was used that consisted of ultra-purified water supplied by the laboratory. The trip blank served as a QA/QC check on potential external contamination and/or cross-contamination during sample shipping and storage. A trip blank was maintained and transported with the VOC samples throughout the

assessment. The trip blank was submitted for analysis of total VOCs by EPA Method 8260.

- **Equipment Rinsate Blank** – This blank served as a QC check to ensure that the sampling equipment was properly decontaminated and consumables were not contaminated. This sample was collected by pouring laboratory-supplied deionized water through the roto-sonic core barrel and plastic tubular lining, both of which came into contact with the soils while sampling, and into the laboratory-supplied sample containers. The equipment rinsate blank was collected and submitted for analysis of total VOCs by EPA Method 8260.

- **Field Duplicate Samples** - Duplicate samples were collected to evaluate analytical data repeatability. Two duplicate samples were collected and submitted for laboratory analysis of total VOCs, VOCs by SPLP, and FOC by ASTM Method D2974-87.

One additional QA/QC sample was collected from the onsite water supply well spigot used to supply drilling and decontamination water during the soil assessment. The spigot was located adjacent to the assessment area, although the water supply well is situated approximately 475 ft to the west of the spigot. The sample was collected to ensure that the water supply used during soil assessment activities was not impacted by VOCs (and to confirm that the active water supply well was not impacted). The sample was collected and submitted for analysis of total VOCs be EPA Method 8260.

2.4 Investigative-Derived Waste

Investigation derived waste (IDW) consisting of soil cuttings and decontamination/drilling water was generated during the soil assessment. Soil and water IDW were segregated and containerized in properly labeled 55-gallon steel drums. Upon completion of the soil assessment, one composite soil and one composite water sample were collected from the IDW drums and submitted for laboratory analysis of VOCs by TCLP to characterize the waste prior to disposal.

2.5 Site Survey

On June 12, 2013, H&H contracted Bateman Civil Survey Company, a NC-certified Professional Land Surveyor, to survey the 11 new soil boring locations, select source area monitoring wells and SVE wells in the vicinity of the former asphalt-testing laboratory. Bateman Civil Survey Company additionally surveyed key site features such as available utility locations, the tree line, current asphalt testing laboratory building, and asphalt pavement in the vicinity of the former asphalt testing laboratory.

3.0 Assessment Results

The laboratory analytical results of soil assessment are provided in Appendix B. A summary of the soil assessment results is provided below.

3.1 Site Lithology

Generalized geologic cross-sections were constructed utilizing the lithology recorded on soil boring logs generated during the soil assessment. Figure 3 depicts the location of two cross-section transects, A-A' and B-B'. Figures 4 and 5 depict the general lithology along cross-sections A-A' and B-B', respectively.

As depicted on Figures 4 and 5, the lithology as observed during the assessment is comprised predominately of unconsolidated silt and clay soils. Intermittent, relatively thin lenses of PWR were encountered in several soil borings (Figures 4 and 5).

Based on the observations made during this assessment, and supported by previous soil assessment studies, it appears that the unconsolidated soils transition to more continuous PWR at depths generally greater than 30 ft bgs. The depth to PWR in the areas where VOC impacts to soil are the highest appears to be greater than 30 ft bgs.

The depth to groundwater in well 48SVE-1, located at the southwest corner of the former asphalt testing laboratory (Figure 2), was measured during H&H's assessment activities. The groundwater depth in well 48SVE-1 was 34.5 ft bgs.

3.2 Total Volatile Organic Compound Results

Based on the Total VOC analytical results obtained during the soil assessment, TCE is the primary contaminant present in soils within the vicinity of the former asphalt testing laboratory (Table 1). The maximum TCE concentration of 206,000 µg/kg was detected in RS-16 (10-11'). This concentration exceeds the Protection of Groundwater (POG), Residential, and Industrial

Health-Based SRGs. A site-specific POGSRG for TCE is described in Section 3.5. The lateral extent of TCE impacts above the site specific target level are shown on Figure 6. The highest concentrations of TCE appear to be located at near the southwest corner of the former asphalt testing laboratory building. Based on H&H's assessment results and previous assessment results, TCE impacts in the vicinity of the former asphalt testing laboratory extend to the water table (Figures 7 and 8).

Other potential NC DOT target compounds and associated potential daughter products were detected above POGSRGs in soil samples analyzed for total VOCs. These compounds included 1,1-dichloroethene, 1,2-dichloroethane, and methylene chloride. Where these compounds were detected, TCE impacts were also present above POGSRGs.

Low levels of certain compounds that are not NC DOT target compounds were detected. The non-target compounds detected included petroleum-related compounds and chlorinated solvents. Of these non-target detections, 1,1,2-trichloroethane and tetrachloroethene (PCE) were detected at concentrations above SRGs. The non-target compound impacts above SRGs are in the sample locations where TCE impacts are also present above POGSRGs.

3.3 Fraction of Organic Carbon Results

As mentioned above, previous SPLP testing only indicated slight TCE leaching even in samples were total TCE concentrations were high. H&H obtained FOC analytical results during our assessment because organic compounds in the soil can bind TCE by adsorption mechanisms. Moderate to high levels of FOC were detected (Table 1). As shown in Table 1, the FOC in soils sampled from the site ranged from 0.7 to 6.4 % (weight/weight) with a geometric mean of 1.6 %. Because H&H data indicated SPLP and total TCE concentrations were reasonably well correlated (Section 3.5), the FOC data are less important for this study.

3.4 Soil Toxicity Characteristic Leaching Procedure Analytical Results

The results of the TCLP analyses are summarized in Table 2. Of the six soils samples analyzed for VOCs by TCLP, only two of the samples contained TCE in the leachate above the laboratory reporting limit. Other VOCs detected in the leachate included chloroform, 1,1-dichloroethene, 2-butanone, and PCE. As shown on Table 3, no VOC concentrations were detected at concentrations above RCRA hazardous waste thresholds. The leachate from the soil sample RS-16 (10-11'), which contained the highest concentration of total TCE (206,000 µg/L), contained a TCE concentration of 175 µg/L, which is below the RCRA hazardous waste threshold of 500 µg/L. Based on these results, the impacted soil will not qualify as hazardous waste if excavated.

3.5 Leachability Evaluation and Target Soil Cleanup Level Determination

Soil samples were collected during the soil assessment for VOCs analysis by the SPLP Method to evaluate the site-specific leachability of VOCs through site-specific soils and to determine a site-specific target soil cleanup level. The results of the SPLP analyses are summarized in Table 3.

As shown on Table 3, TCE and methylene chloride (MC) were the primary VOCs detected by the SPLP analysis. Methylene chloride is considered an artifact of laboratory methods as discussed below. PCE and bromochloromethane were also detected in a few samples at levels above 2L groundwater standards, but these compounds are not NC DOT target compounds. No other VOCs were detected above groundwater standards in the SPLP data.

Based on an evaluation of previous and current soil and groundwater data, a review of the laboratory's Project Narrative, and given that MC is a common laboratory introduced contaminant, the presence of MC indicated by the analyses is not associated with a release at the site and is considered a laboratory introduced contaminant. Several lines of evidence support this including:

1) MC is a common laboratory contaminant.
2) The laboratory indicated MC as a laboratory contaminant in the Project Narrative within their laboratory report (92161315).
3) MC parent degradation compound carbon tetrachloride is not present in soil or groundwater at the site,
4) MC is not present in site groundwater and because MC is more soluble than TCE; MC would likely be present in groundwater if present in soil,
5) MC was detected in only 2 of the 45 soil samples submitted during this assessment for analysis of total VOCs,
6) MC has not been detected during previous soil investigations except for occasional detections also believed to be laboratory introduced.

Because TCE is the primary contaminant at the site, TCE was the only VOC evaluated for leachability. In order to understand the relationship between total TCE in soil and leachable TCE, the total TCE concentration and the TCE SPLP concentration detected from each individual soil sample were plotted on a graph with a log-log scale. The Microsoft Excel graph is presented as Figure 9. As shown on Figure 9, the TCE SPLP concentrations were plotted on the Y-axis and total TCE concentrations were plotted on the X-axis. Once the data were plotted, a regression equation was determined using Excel. A power function was chosen because it allowed for the highest R^2 value (0.594). In cases where TCE was detected in the total VOC analysis but not detected in the SPLP analysis, one-half of the SPLP method detection limit for TCE was used. For certain samples, TCE was not detected by SPLP, but the method detection limit was 5 µg/l which is slightly above the TCE groundwater standard. These data with elevated detection limits were not included in the regression analysis.

Based on the regression equation, a TCE concentration of 500 µg/kg in soil will leach from soil at the TCE NC Groundwater Quality Standard of 3.0 µg/L (Figure 9). This is a conservative approach to a site-specific target level because no dilution attenuation factor (DAF) is being applied. Therefore, based on this TCE leachability evaluation, the site-specific soil POGSRG for

TCE has been determined to be 500 µg/kg. This target level is also below residential and industrial SRGs for TCE of 880 µg/kg and 4,000 µg/kg.

3.6 Excavation of TCE Impacts above the Site-Specific Target Level

As discussed above, the site-specific target soil cleanup level is 500 µg/kg. The aerial extent of TCE in soil at concentrations above 500 µg/kg is estimated to encompass approximately 3,600 square ft (ft^2), as shown on Figure 10. Because TCE is likely present above 500 µg/kg throughout the unsaturated zone within the 3,600-ft^2area, the vertical extent of TCE impacted soil is expected to extend to the water table, approximately 34.5 ft bgs (Figures 7 and 8). Based on the approximate aerial extent (3,600 ft^2) and vertical extent (34.5 ft) of TCE impacts above 500 µg/kg, the total volume of impacted soil is estimated to be 124,200 cubic ft (ft^3), or 4,600 cubic yards (yd^3). Using a conversion factor of 1.5 to convert cubic yardage to tonnage, the tonnage of impacted soil > 500 µg/kg is estimated to be 6,900 tons.

Based on this assessment and previous assessments, PWR lenses are present above 34.5 ft and more continuous PWR is present just above the water table in certain portions of the proposed excavation. Because the PWR is moderately to highly weathered at this site, a trackhoe will likely be able to complete this excavation after using a rock ripper or breaker bar attachment, where needed.

In order to excavate to a depth of 34.5 ft, it will be necessary to remove soil from areas outside of the 3,600 ft^2 excavation footprint in order for earthmoving equipment to ramp down for access to deeper soils during the excavation. As shown on Figure 10, the ramp area will encompass an estimate 30 ft by 30 ft area. Based on the depth of the excavation, the ramp will be excavated to estimated depth of 10 to 15 ft. The total volume of soil to be removed to construct the ramp is estimated to be 167 yd^3. Using a conversion factor of 1.5 to convert cubic yardage to tonnage, the tonnage of soil removed to construct the ramp will be approximately 250 tons.

Soil removed to construct the ramp may contain TCE, although at concentrations estimated to be below the 500 µg/kg target level. Therefore, the ramp soil should also be managed as impacted unless tested to not contain VOCs.

The total amount of soil to be excavated for a carefully planned excavation is 7,150 tons. The actual amount of soil to be removed could be higher and planning with a 15% contingency is reasonable. Based on a 15% contingency, the estimated impacted soil volume is approximately 8,225 tons.

Prior to excavation activities, the excavation areas will need to be cleared of monitoring wells, utilities, and trees. Monitoring well 48SVE-1 and vapor mounting points VW-1 through VW-3 will need to be abandoned by a NC-Licensed Driller in accordance with NC regulations. Subsurface utilities will need to be located and staked prior to excavation activities by a subsurface utility locating contractor. As shown on Figure 2, a telephone pedestal and phone line is located within the proposed excavation area. These utilities, and any additional utilities identified by the utility locator, may need to be rerouted prior to excavation activities. Trees and vegetation within and around the excavation area will need to be removed and transported offsite. Tree root balls will be containerized and disposed at an appropriate disposal facility. As shown in Figure 9, sections of the asphalt pavement will need to be removed in order to access soil during the excavation activities. Additionally, an out-of-service septic system is potentially located within the excavation area and will need to be properly disposed.

Upon completion of the excavation, H&H recommends that 2 ft of gravel (# 57 stone) be placed at the bottom of the excavation as an infiltration gallery to be used for future groundwater remedies such as enhanced reductive dechlorination substrate injection. A liner should be installed above the gravel to keep backfilled soil from infiltrating the interstitial space within the gravel. The excavation would then be backfilled with clean imported soil. The excavation should be backfilled under compaction and the area should be repaved or seeded with grass, as appropriate.

3.7 Investigative-Derived Waste Sample Analytical Results

One composite soil and one composite water sample were collected from the IDW drums upon completion of the soil assessment and analyzed for VOCs by TCLP. The analytical results of the IDW samples are included in Appendix B. No VOCs were detected above the method detection limits in the soil and water IDW samples. The soil and water IDW drums were removed from the site on July 24, 2013 for disposal as non-hazardous waste. Disposal documentation is included in Appendix C.

3.8 Quality Assurance and Quality Control Samples

The results of the QA/QC samples are briefly summarized below.

- Trip Blank – No VOCs were detected above method detection limits.

- Equipment Rinsate Blank (EB-1) – Acetone was the only VOC detected above the method detection level. Acetone is a common laboratory contaminant and was likely introduced to the sample by the laboratory methods.

- Field Duplicate Samples (DUP-1 and DUP-2) – Duplicate sample DUP-1 was collected at the same boring and depth interval as soil sample RS-16-25-26. Total TCE was detected in the DUP-1 and RS-16-25-26 soil samples at concentrations of 8,280 and 14,600 µg/kg, respectively. The DUP-1 sample was reanalyzed for TCE after a 250x dilution and the RS-16-25-26 soil sample was reanalyzed for TCE after a 500x dilution. Additional VOCs in the two soil samples including 1,1-DCE, PCE, and 1,1,1-DCA were detected at higher concentrations in the RS-16-25-26 soil sample. The TCE concentrations detected in the SPLP leachate samples collected from the DUP-1 and RS-16-25-26 soil samples were 5.9 and 3,620 µg/l, respectively. The differences in concentrations are attributed to heterogeneities within the soil.

Duplicate sample DUP-2 was collected at the same boring and depth interval as soil sample RS-17 (15-16'). VOCs including PCE, TCE, 1,1-DCE, and 1,1,1-TCA were detected at slightly higher concentrations in RS-17 (15-16') compared with the DUP-2 sample. The soil sample collected from DUP-2 was reanalyzed for TCE after a dilution of 500X and the soil sample collected from RS-17 (15-16') was reanalyzed for TCE after a dilution of 1,250X. The TCE concentrations detected in the SPLP leachate samples collected from the DUP-2 and RS-17 (15-16') soil samples were 1059 and 16.6 µg/l, respectively. As mentioned above, the differences in concentrations are attributed to heterogeneities within the soil.

- Spigot Water Sample - No VOCs were detected above the method detection level.

4.0 Summary and Conclusions

H&H has completed a soil assessment at the former NC DOT Asphalt Testing Facility located at 240 Sugar Lake Road in Pittsboro, NC. The objectives of the soil assessment were to evaluate further the horizontal and vertical extent of VOC impacted soil, to evaluate the leachability of the primary VOCs, to develop a site-specific soil target cleanup level based on leachability, to assess whether site soils exceed RCRA hazardous waste thresholds, and to evaluate the feasibility of soil remediation by excavation.

During the assessment, 11 soil borings were advanced to approximately 30 ft bgs using roto-sonic drilling methods (Figure 2). For reference purposes, the locations of the 11 soil borings advanced by H&H, and the locations of soil borings advanced by AECOM during previous soil assessment activities are depicted on Figure 11. H&H collected soil samples from select depth intervals in each boring for laboratory analysis of total VOCs by EPA Method 8260, VOCs by SPLP, and FOC by ASTM Method D2974-87. Select soil samples were also submitted for analysis of VOCs by TCLP.

Based on the results of the total VOC analyses, TCE is the primary contaminant at the site and was detected at concentrations above the POG and Residential and Industrial Health-Based SRGs in soils samples collected near the former asphalt testing laboratory. TCE is a potential NC DOT target compound. The highest concentration of TCE (206,000 µg/kg) was detected in the soil sample collected from the 10 to 11-ft depth interval of soil boring RS-16, advanced near the southwest corner of the former asphalt laboratory. The highest concentrations of TCE appear to be located at an approximate depth ranging from 5 to 15 ft bgs in the vicinity of RS-16. Other non-target VOCs including 1,1,1-TCA, 1,1,2-TCA, 1,1-DCE, 1,2-DCA, and PCE were detected at concentrations above the POGSRG. Methylene chloride was present in total VOC and SPLP results and is believed to be a laboratory introduced contaminant.

Six soil samples were collected and submitted for analysis for VOCs by TCLP to determine if site soils would exceed RCRA hazardous waste thresholds if excavated. One of the six soil

samples submitted for TCLP analysis was collected where the highest concentration of TCE was detected (206,000 µg/kg). No TCLP VOCs were detected above RCRA hazardous waste thresholds. Based on the TCLP results, soils removed from the site can be managed and disposed as non-hazardous waste.

Soils were additionally collected and submitted for analysis of VOCs by SPLP to develop a site-specific soil target screening level for POG. The soil samples were collected from the same depth intervals as the soil samples submitted for total VOC analyses. The concentrations of TCE in the SPLP leachate were correlated total TCE concentrations by regression analysis. Based on the mathematical regression equation, a total TCE concentration of 500 µg/kg in soil is expected to leach from soil at a concentration of 3.0 µg/L, the NC Groundwater Quality Standard for TCE. Based on this relationship, a target soil cleanup level of 500 µg/kg has been determined.

Based on this soil assessment, it is estimated that the lateral extent of TCE at a concentration greater than the target soil cleanup level of 500 µg/kg comprises 3,600 ft^2. It is also estimated that the vertical extent of TCE extends to the water table, approximately 34.5 ft. Based on the lateral and vertical extents, approximately 4,600 yd^3 (6,900 tons) of soil contains TCE above the 500 µg/kg cleanup level. When including impacted soil generated for ramping into the excavation and a 15% contingency, the total anticipated impacted soil amount is 8,225 tons.

The majority of the proposed excavation volume consists of unconsolidated clays and silts. Although PWR lenses were identified in the soil borings, they are moderately to highly weathered. Because the PWR is moderately to highly weathered, a trackhoe will likely be able to complete this excavation after using a rock ripper or breaker bar attachment, where needed.

Based on an evaluation of the data generated during this assessment, H&H believes that soil remediation by excavation is feasible and likely a cost effective means for soil remediation at this site.

Table 1
Summary of Soil Total VOC and FOC Results
Former DOT Asphalt Testing Site No. 6-48
Pittsboro, North Carolina
H&H Job No. ROW-415

Sample ID	Preliminary Residential Health-Based Soil Remediation Goal (µg/kg)	Preliminary Industrial Health-Based Soil Remediation Goal (µg/kg)	Protection of Groundwater Preliminary Soil Remediation Goal (µg/kg)	RS-7			RS-8			RS-9			RS-10			RS-11		
Depth				(5-6)	(15-16)	(25-26)	(5-6)	(15-16)	(29-30)	(5-6)	(15-16)	(25-26)	(5-6)	(15-16)	(25-26)	(5-6)	(15-16)	(25-26)
Sample Date				6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13
Total VOCs (8260B)	µg/kg			µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
1,1,1-Trichloroethane	640,000	640,000	1,200	<5.7	<8.0	<4.2	<6.0	<5.2	<4.4	27.5	30.6	24.2	<8.3	3.0 J	<4.3	2.5 J	<3.8	1.5 J
1,1,2-Trichloroethane	320	1,400	3.2	<5.7	<8.0	<4.2	<6.0	<5.2	<4.4	<5.6	<5.3	<4.9	<8.3	<5.6	<4.3	<4.1	<3.8	<3.9
1,1-Dichloroethene	48,000	220,000	45	3.7 J	<8.0	9.2	2.3 J	14	6.1	24.0	23.4	**126**	<8.3	13	8.9	1.7 J	1.6 J	10.7
1,1-Dichloroethane	3,300	17,000	30	<5.7	<8.0	<4.2	<6.0	<5.2	<4.4	<5.6	<5.3	<4.9	<8.3	<5.6	<4.3	<4.1	<3.8	<3.9
1,2-Dichloroethane	430	2,200	3.2	<5.7	<8.0	<4.2	<6.0	<5.2	<4.4	<5.6	<5.3	<4.9	<8.3	<5.6	<4.3	<4.1	<3.8	<3.9
2-Butanone	5,600,000	28,000,000	16,000	<114	<160	<83.7	<121	<103	<87.8	<113	<106	<97.1	<167	<112	<85.8	<82.8	<75.1	<78.5
p-Isopropyltoluene	NS	NS	680	<5.7	<8.0	<4.2	<6.0	<5.2	<4.4	<5.6	<5.3	<4.9	<8.3	<5.6	<4.3	<4.1	<3.8	<3.9
Acetone	12,000,000	100,000,000	24,000	<114	19.0 J	<83.7	14.5 J	<103	<87.8	22.4 J	26.1 J	<97.1	94.8 J	12.5 J	<85.8	19.3 J	<75.1	<78.5
Chloroform	290	1,500	340	4.0 J	<8.0	<4.2	<6.0	<5.2	<4.4	<5.6	<5.3	2.2 J	<8.3	2.4 J	<4.3	<4.1	<3.8	<3.9
cis-1,2-Dichloroethene	32,000	400,000	360	<5.7	<8.0	9.2	<6.0	<5.2	<4.4	<5.6	<5.3	<4.9	<8.3	1.9 J	<4.3	<4.1	<3.8	<3.9
Isopropylbenzene	270,000	270,000	1,300	<5.7	<8.0	<4.2	<6.0	<5.2	<4.4	<5.6	<5.3	<4.9	<8.3	<5.6	<4.3	<4.1	<3.8	<3.9
Methylene Chloride	56,000	620,000	23	<22.9	**40.7**	<16.7	<24.1	<20.7	<17.6	<22.6	<21.1	<19.4	**70.9**	<22.4	<17.2	<16.6	<15.0	<15.7
n-Butylbenzene	110,000	110,000	2,400	<5.7	<8.0	<4.2	<6.0	<5.2	<4.4	<5.6	<5.3	<4.9	<8.3	<5.6	<4.3	<4.1	<3.8	<3.9
Tetrachloroethene	17,000	82,000	5	<5.7	<8.0	<4.2	<6.0	3.5 J	2.1 J	**6.0**	**5.5**	**15.3**	<8.3	<5.6	<4.3	<4.1	<3.8	1.6 J
Toluene	820,000	820,000	5,500	<5.7	<8.0	<4.2	<6.0	<5.2	<4.4	<5.6	<5.3	<4.9	<8.3	<5.6	<4.3	<4.1	<3.8	<3.9
Trichloroethene	880	4,000	500*	38.0	7.8 J	79.3	55.7	353	246	**1,320**	**1,260**	**976**	52.2	138	57.7	170	33.5	**1,840**
Ethylbenzene	5,400	27,000	8,100	<5.7	<8.0	<4.2	<6.0	<5.2	<4.4	<5.6	<5.3	<4.9	<8.3	<5.6	<4.3	<4.1	<3.8	<3.9
2-Hexanone	42,000	280,000	170	<57.2	<79.9	<41.9	<60.3	<51.7	<43.9	<56.4	<52.8	<48.6	<83.4	<55.9	<42.9	<41.4	<37.5	<39.3
Xylene total	130,000	260,000	5,800	<11.4	<16.0	<8.4	<12.1	<10.3	<8.8	<11.3	<10.6	<9.7	<16.7	<11.2	<8.6	<8.3	<7.5	<7.9
m&p-Xylene	120,000	390,000	NS	<11.4	<16.0	<8.4	<12.1	<10.3	<8.8	<11.3	<10.6	<9.7	<16.7	<11.2	<8.6	<8.3	<7.5	<7.9
o-Xylene	140,000	430,000	NS	<5.7	<8.0	<4.2	<6.0	<5.2	<4.2	<5.6	<5.3	<4.9	<8.3	<5.6	<4.3	<4.1	<3.8	<3.9
FOC (ASTM D2974-87)	NS	NS	NS	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)
	NS	NS	NS	1.6	1.3	1.0	1.3	0.83	0.7	1.8	1.8	1.2	1.9	1.4	1.6	1.7	1.6	1.3

Notes:
Bold text indicates exceedance of Protection of Groundwater PSRG except site-specific goal for trichloroethene
Underlined text indicates exceedance of Residential Health PSRG
Shaded text indicates exceedance of Industrial Health PSRG
DENR Soil Remediation Goals are dated July 2013
Table includes DOT target compounds and non-target compounds such as tetrachloroethene and petroleum related VOCs
Only VOCs detected in at least one sample are shown above
Analytical method shown in parenthesis
NS = Not Specified
J = Value indicates analyte was detected below the reporting limit but above the method detection limit
VOC = Volatile Organic Compound
FOC = Fraction of Organic Content
µg/kg = microgram per kilogram
* = Calculated Site-Specific Goal

Table 1
Summary of Soil Total VOC and FOC Results
Former DOT Asphalt Testing Site No. 6-48
Pittsboro, North Carolina
H&H Job No. ROW-415

Sample ID	Preliminary Residential Health-Based Soil Remediation Goal (µg/kg)	Preliminary Industrial Health-Based Soil Remediation Goal (µg/kg)	Protection of Groundwater Preliminary Soil Remediation Goal (µg/kg)	RS-12			RS-13			RS-14						RS-15					
Depth				(5-6)	(15-16)	(25-26)	(5-6)	(15-16)	(25-26)	(0-1)	(5-6)	(10-11)	(15-16)	(20-21)	(25-26)	(0-1)	(5-6)	(10-11)	(15-16)	(20-21)	(25-26)
Sample Date				6/11/13	6/11/13	6/11/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13
Total VOCs (8260B)	µg/kg			µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
1,1,1-Trichloroethane	640,000	640,000	1,200	37.1	342	12.6	<5.4	<4.8	<5.1	<6.6	7.4	3.9 J	4.2 J	<3.9	2.4 J	22.0	<1190	542 J	143	72.6	30.2
1,1,2-Trichloroethane	320	1,400	3.2	**20.6**	**191**	2.0 J	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	<6.0	<6.5	<6.4	<6.3	<5.4
1,1-Dichloroethene	48,000	220,000	45	10.5	**219**	**66.2**	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	5.9	4.7	10.5	<4.8	**66**	**84.8**	**70.4**	**108**	**53**
1,1-Dichloroethane	3,300	17,000	30	<6.1	4.8	<3.8	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	<6.0	<6.5	<6.4	<6.3	<5.4
1,2-Dichloroethane	430	2,200	3.2	<6.1	**16.6**	<3.8	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	<6.0	<6.5	<6.4	<6.3	<5.4
2-Butanone	5,600,000	28,000,000	16,000	<122	41.1 J	<75.7	<108	<95.4	<102	14.0 J	<116	<116	<95.4	<77.1	<89.3	25.4 J	<121	<130	<128	<126	<109
p-Isopropyltoluene	NS	NS	680	<6.1	<4.4	<3.8	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	<6.0	<6.5	<6.4	<6.3	<5.4
Acetone	12,000,000	100,000,000	24,000	30.2 J	132	<75.7	32.6 J	15.4 J	13.8 J	412	40.6 J	26.5 J	<95.4	7.7 J	<89.3	300	106 J	34.4 J	<128	13.8 J	<109
Chloroform	290	1,500	340	<6.1	10.1	<3.8	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	<6.0	<6.5	<6.4	<6.3	<5.4
cis-1,2-Dichloroethene	32,000	400,000	360	<6.1	9.6	2.2 J	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	3.0 J	3.6 J	2.2 J	2.9 J	<109
Isopropylbenzene	270,000	270,000	1,300	<6.1	<4.4	<3.8	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	<6.0	<6.5	<6.4	<6.3	<5.4
Methylene Chloride	56,000	620,000	23	<24.4	<17.4	<15.1	<21.7	<19.1	<20.4	<26.3	<23.3	<23.1	<19.1	<15.4	<17.9	<19.3	<24.1	<25.9	<25.5	<25.3	<21.8
n-Butylbenzene	110,000	110,000	2,400	<6.1	<4.4	<3.8	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	<6.0	<6.5	<6.4	<6.3	<5.4
Tetrachloroethene	17,000	82,000	5	4.5 J	**82.5**	**12.1**	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	**8.0**	**48.4**	**36.1**	**22.5**	**17.9**	**6.7**
Toluene	820,000	820,000	5,500	<6.1	1.8 J	<3.8	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	<6.0	<6.5	<6.4	<6.3	<5.4
Trichloroethene	880	4,000	500*	**1,270**	**28,500**	**2,990**	<5.4	2.5 J	7.6	2.9 J	68.8	60.7	75.5	34.0	80.5	384	**4,660**	**5,320**	**2,220**	**1,560**	**1,470**
Ethylbenzene	5,400	27,000	8,100	<6.1	<4.4	<3.8	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	<6.0	<6.5	<6.4	<6.3	<5.4
2-Hexanone	42,000	280,000	170	<60.9	<43.6	<37.8	<54.1	<47.7	<51.1	<65.7	<58.2	<57.8	<47.7	ND	<44.7	<48.4	<60.4	<64.8	<63.9	<63.2	<54.5
Xylene total	130,000	260,000	5,800	<12.2	<8.7	<7.6	<10.8	<9.5	<10.2	<13.1	<11.6	<11.6	<9.5	<7.7	<8.9	<9.7	<12.1	<13.0	<12.8	<12.6	<10.9
m&p-Xylene	120,000	390,000	NS	<12.2	<8.7	<7.6	<10.8	<9.5	<10.2	<13.1	<11.6	<11.6	<9.5	<7.7	<8.9	<9.7	<12.1	<13.0	<12.8	<12.6	<10.9
o-Xylene	140,000	430,000	NS	<6.1	<4.4	<3.8	<5.4	<4.8	<5.1	<6.6	<5.8	<5.8	<4.8	<3.9	<4.5	<4.8	<6.0	<6.5	<6.4	<6.3	<5.4
FOC (ASTM D2974-87)	NS	NS	NS	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)
	NS	NS	NS	2.1	1.6	1.9	2.2	2.3	1.3	1.5	1.9	1.8	1.4	1.4	1.4	0.74	1.8	1.1	1.8	1.8	1.4

Notes:
Bold text indicates exceedance of Protection of Groundwater PSRG except site-specific goal for trichloroethene
Underlined text indicates exceedance of Residential Health PSRG
Shaded text indicates exceedance of Industrial Health PSRG
DENR Soil Remediation Goals are dated July 2013
Table includes DOT target compounds and non-target compounds such as tetrachloroethene and petroleum related VOCs
Only VOCs detected in at least one sample are shown above
Analytical method shown in parenthesis
NS = Not Specified
J = Value indicates analyte was detected below the reporting limit but above the method detection limit
VOC = Volatile Organic Compound
FOC = Fraction of Organic Content
µg/kg = microgram per kilogram
* = Calculated Site-Specific Goal

Table 1
Summary of Soil Total VOC and FOC Results
Former DOT Asphalt Testing Site No. 6-48
Pittsboro, North Carolina
H&H Job No. ROW-415

Sample ID	Preliminary Residential Health-Based Soil Remediation Goal (µg/kg)	Preliminary Industrial Health-Based Soil Remediation Goal (µg/kg)	Protection of Groundwater Preliminary Soil Remediation Goal (µg/kg)	RS-16							RS-17						
Depth				(0-1)	(5-6)	(10-11)	(15-16)	(20-21)	(25-26)	DUP-1 (25-26)	(0-1)	(5-6)	(10-11)	(15-16)	DUP-2 (15-16)	(20-21)	(25-26)
Sample Date				6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13
Total VOCs (8260B)	µg/kg			µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg	µg/kg
1,1,1-Trichloroethane	640,000	640,000	1,200	84.4	**17,300**	**22,100**	**5,590**	815	295	931	11.1	569	**1,230**	961	511	398	53.0
1,1,2-Trichloroethane	320	1,400	3.2	<5.6	**75.0 J**	**218 J**	**175**	2.4 J	<4.9	**3.3 J**	<6.7	<6.9	**6.2**	**3.5 J**	<6.1	<4.7	<5.4
1,1-Dichloroethene	48,000	220,000	45	<5.6	**160**	**810**	**783**	**332**	**262**	**772**	<6.7	**80.1**	**202**	**307**	**179**	**278**	**72.7**
1,1-Dichloroethane	3,300	17,000	30	<5.6	<143	<377	3.7 J	3.0 J	2.4 J	5.6 J	<6.7	<6.9	<5.2	1.8 J	<6.1	2.2 J	<5.4
1,2-Dichloroethane	430	2,200	3.2	<5.6	<143	<377	<6.4	<5.6	<4.9	<5.9	<6.7	<6.9	<5.2	<5.5	<6.1	<4.7	<5.4
2-Butanone	5,600,000	28,000,000	16,000	33.4 J	<2860	<7540	<127	<113	<98.1	<117	37 J	<139	<103	<109	<122	<93.2	<109
p-Isopropyltoluene	NS	NS	680	<5.6	<143	<377	<6.4	<5.6	<4.9	<5.9	10.7	<6.9	<5.2	<5.5	<6.1	<4.7	<5.4
Acetone	12,000,000	100,000,000	24,000	<5.6	<2860	<7540	35.8 J	11.5 J	10.6 J	26.4 J	1,130	221	61.3 J	26.4	26.0 J	14 J	12.6 J
Chloroform	290	1,500	340	<5.6	<143	<377	7.1	2.2 J	<4.9	4.2 J	<6.7	33.4	7.8	3.1 J	<6.1	1.5 J	<5.4
cis-1,2-Dichloroethene	32,000	400,000	360	<5.6	<143	<377	19	9.9	9.3	27.8	<6.7	4.6 J	10.5	22.6	13.7	27.0	8.1
Isopropylbenzene	270,000	270,000	1,300	<5.6	<143	<377	<6.4	<5.6	<4.9	<5.9	<6.7	<6.9	<5.2	<5.5	<6.1	<4.7	<5.4
Methylene Chloride	56,000	620,000	23	<22.6	<571	<1510	<25.4	<22.6	<19.6	<23.5	<27.0	<27.7	<20.7	<21.8	<24.5	<18.6	<21.7
n-Butylbenzene	110,000	110,000	2,400	<5.6	<143	<377	<6.4	<5.6	<4.9	<5.9	<6.7	<6.9	<5.2	<5.5	<6.1	<4.7	<5.4
Tetrachloroethene	17,000	82,000	5	**51.8**	**12,400**	**2,820**	**793**	**123**	**65.2**	**205**	<6.7	**108**	**148**	**123**	**80**	**71.7**	**12.1**
Toluene	820,000	820,000	5,500	<5.6	<143	<377	14.8	<5.6	<4.9	<5.9	12.2	<6.9	<5.2	<5.5	<6.1	<4.7	<5.4
Trichloroethene	880	4,000	500*	**1,900**	**179,000**	**206,000**	**93,600**	**14,100**	**14,600**	**8,280**	39.1	**6,250**	**25,100**	**18,100**	**12,500**	**20,000**	**3,570**
Ethylbenzene	5,400	27,000	8,100	<5.6	461	<377	5.5 J	<5.6	<4.9	<5.9	<6.7	<6.9	<5.2	<5.5	<6.1	<4.7	<5.4
2-Hexanone	42,000	280,000	170	<56.4	324 J	<3770	<63.6	14.9 J	<49.0	<58.7	<67.5	<69.0	<51.6	<54.6	<61.2	<46.6	<54.3
Xylene total	130,000	260,000	5,800	<11.3	1,170	<754	<12.7	<11.3	<9.8	<11.7	<13.5	<13.9	<10.3	<10.9	<12.2	<9.3	<10.9
m&p-Xylene	120,000	390,000	NS	<11.3	673	<754	9.5 J	<11.3	<9.8	<11.7	<13.5	<13.9	<10.3	<10.9	<12.2	<9.3	<10.9
o-Xylene	140,000	430,000	NS	<5.6	502	<377	4.9 J	<5.6	<4.9	<5.9	<6.7	<6.9	<5.2	<5.5	<6.1	<4.7	<5.4
FOC (ASTM D2974-87)	NS	NS	NS	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	%(w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)	% (w/w)
	NS	NS	NS	2.4	2.4	1.9	1.9	2.7	1.2	1.5	6.4	2.8	3	1.2	1.4	1.9	1.4

Notes:
Bold text indicates exceedance of Protection of Groundwater PSRG except site-specific goal for trichloroethene
Underlined text indicates exceedance of Residential Health PSRG
Shaded text indicates exceedance of Industrial Health PSRG
DENR Soil Remediation Goals are dated July 2013
Table includes DOT target compounds and non-target compounds such as tetrachloroethene and petroleum related VOCs
Only VOCs detected in at least one sample are shown above
Analytical method shown in parenthesis
NS = Not Specified
J = Value indicates analyte was detected below the reporting limit but above the method detection limit
VOC = Volatile Organic Compound
FOC = Fraction of Organic Content
µg/kg = microgram per kilogram
* = Calculated Site-Specific Goal

Table 2
Summary of Soil TCLP Results
Former DOT Asphalt Testing Site No. 6-48
Pittsboro, North Carolina
H&H Job No. ROW-415

Sample ID	RCRA Hazardous Waste Threshold	RS-9	RS-10	RS-11	RS-12	RS-15	RS-16
Depth		(25-26)	(15-16)	(25-26)	(5-6)	(10-11)	(10-11)
Sample Date		6/11/13	6/11/13	6/11/13	6/11/13	6/12/13	6/12/13
TCLP VOCs (8260B)	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Chloroform	6,000	<100	2.2 J	<100	<100	<100	<5
1,1-Dichloroethene	700	<100	11.6	<100	<100	<100	<5
2-Butanone	200,000	<200	<10	<200	<200	<200	8.4 J
Tetrachloroethene	700	<100	<5	<100	<100	<100	2.9 J
Trichloroethene	500	<100	124	<100	<100	<100	175

Note:
Only VOCs detected in at least one sample are shown above
Analytical method shown in parenthesis
J = Value indicates analyte was detected below the reporting limit but above the method detection limit
TCLP = Toxicity Characteristic Leaching Procedure
VOC = Volatile Organic Compound
µg/L = microgram per Liter

Table 3
Summary of Soil SPLP Results
Former DOT Asphalt Testing Site No. 6-48
Pittsboro, North Carolina
H&H Job No. ROW-415

Sample ID	NC 2L Standards	RS-7			RS-8			RS-9			RS-10			RS-11		
Depth		(5-6)	(15-16)	(25-26)	(5-6)	(15-16)	(29-30)	(5-6)	(15-16)	(25-26)	(5-6)	(15-16)	(25-26)	(5-6)	(15-16)	(25-26)
Sample Date		6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13
SPLP MSV (8260)	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Acetone	6,000	<25.0	<125	<125	<25	<125	<125	<25.0	70.2 J	<125	<25.0	26.1	<125	<25.0	<125	<125
Bromochloromethane	0.6	<1.0	<5.0	<5.0	**6.9**	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0
n-Butylbenzene	70	<1.0	<5.0	<5.0	1.1	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0
2-Butanone	4,000	26.9	<25.0	23.6 J	51.5	<25.0	21.7 J	<5.0	61.6	<25.0	8.3	15.3	15.8	5.8	<25.0	22.2 J
Ethylbenzene	600	6.4	<5.0	<5.0	1.7	<5.0	<5.0	<1.0	<5.0	<5.0	7.3	5.4	<5.0	<1.0	<5.0	<5.0
2-Hexanone[1]	40	<5.0	<5.0	<5.0	18.4	<25.0	<25.0	<5.0	<25.0	<25.0	<5.0	<5.0	<25.0	<5.0	<25.0	<25.0
Isopropylbenzene (Cumene)	70	<1.0	<5.0	<5.0	1.4	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0
Methylene Chloride	5	1.2 J	<10.0	<10.0	**5,490**	**6.4 J**	<10.0	1.7 J	**4,140**	**7.2 J**	<2.0	**121**	**52.0**	2.1	**7.2 J**	**3,010**
4-Methyl-2-pentanone (MIBK)	NS	148	14.7 J	183	30.9	<25.0	6.2 J	<5.0	43.1	13.1 J	111	119	107	2.9 J	<25.0	14.6 J
Naphthalene	6	<1.0	<5.0	<5.0	1.4	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0
n-Propylbenzene	70	<1.0	<5.0	<5.0	6.7	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0
Stryene	70	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	1.7	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0
Tetrachloroethene	0.7	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0
Toluene	600	6.0	<5.0	<5.0	<5.0	<5.0	8.8	<1.0	<5.0	<5.0	7.2	1.7	<5.0	3.9	<5.0	<5.0
1,1,1-Trichloroethane	200	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0
1,1,2-Trichloroethane[1]	200	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0
Trichloroethene	3	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<5.0	<5.0	<1.0	<1.0	<5.0	**3.1**	<5.0	**9.8**
1,2,4-Trimethylbenzene	400	<1.0	<5.0	<5.0	57.9	<5.0	<5.0	<1.0	30.7	<5.0	<1.0	4.2	<5.0	<1.0	<5.0	18.9
1,3,5-Trimethylbenzene	400	<1.0	<5.0	<5.0	13.8	<5.0	<5.0	<1.0	6.6	<5.0	<1.0	0.92 J	<5.0	<1.0	<5.0	4.3 J
Xylene total	500	47.4	<10.0	24.5	18.3	<10.0	<10.0	<2.0	32.3	<10.0	51.9	38.5	28.9	<2.0	<10.0	<10.0
m&p-Xylene	500	33.3	<10.0	16.2	11.2	<10.0	<10.0	<2.0	21.3	<10.0	36.7	26.6	20.2	1.5 J	<10.0	5.8 J
o-Xylene	500	14	<5.0	8.3	7.1	<5.0	<5.0	<1.0	10.9	<5.0	15.2	11.9	8.7	<1.0	<5.0	<5.0

Notes:
Bold text indicates exceedance of North Carolina Groundwater Standard (NC 2L Standard)
1 - Interim Maximum Allowable Concentration
Table includes DOT target compounds and non-target compounds such as tetrachloroethene and petroleum related VOCs
Analytical method shown in parenthesis
NS = Not Specified
J = Value indicates analyte was detected below the reporting limit but above the method detection limit
VOC = Volatile Organic Compound
µg/L = microgram per Liter

Table 3
Summary of Soil SPLP Results
Former DOT Asphalt Testing Site No. 6-48
Pittsboro, North Carolina
H&H Job No. ROW-415

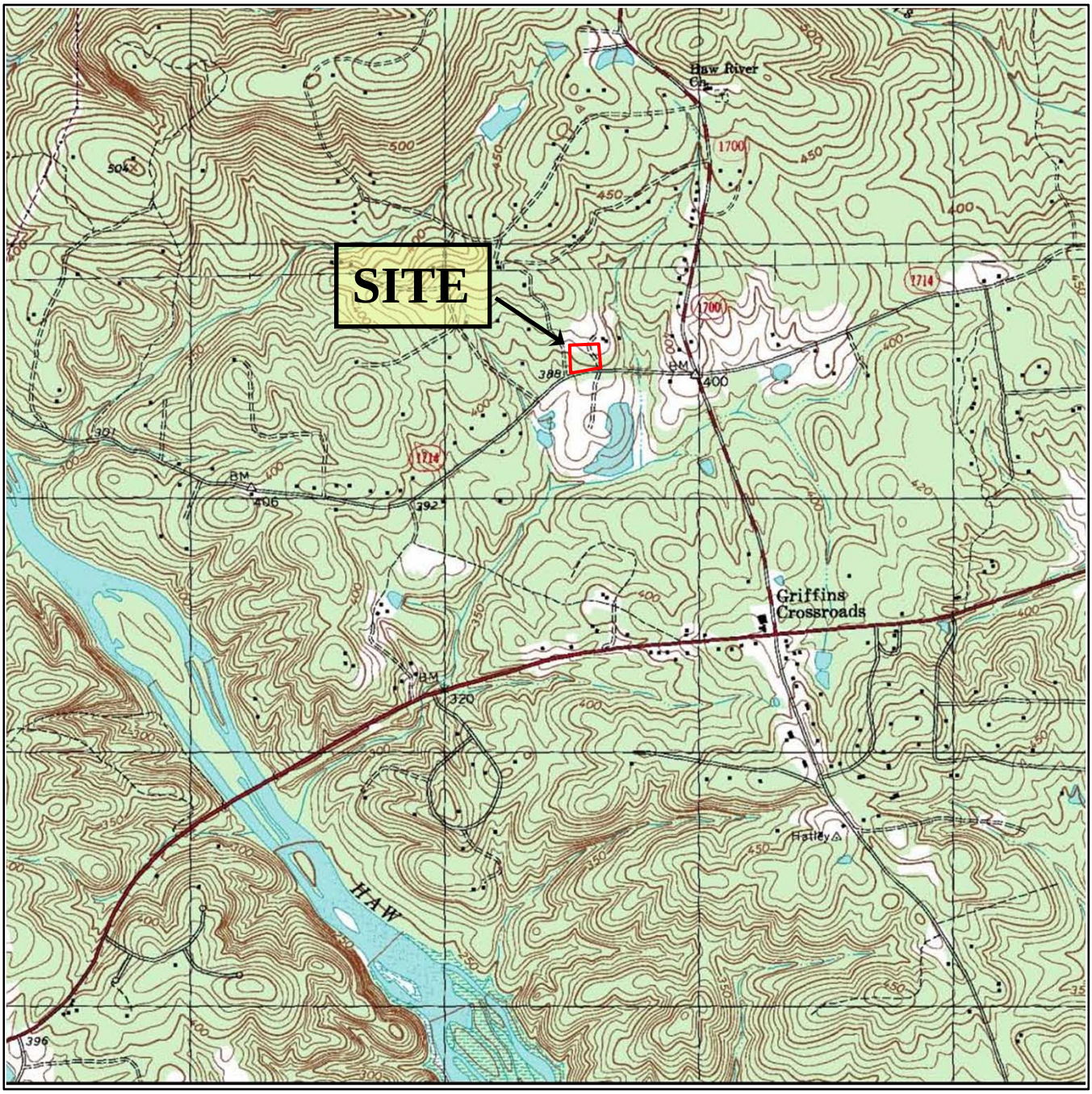
Sample ID	NC 2L Standards	RS-12			RS-13			RS-14						RS-15					
Depth		(5-6)	(15-16)	(25-26)	(5-6)	(15-16)	(25-26)	(0-1)	(5-6)	(10-11)	(15-16)	(20-21)	(25-26)	(0-1)	(5-6)	(10-11)	(15-16)	(20-21)	(25-26)
Sample Date		6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/11/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13
SPLP MSV (8260)	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Acetone	6,000	28.0	18.3 J	<125	<25.0	<125	<125	<125	<25.0	122 J	<125	<125	<125	51.2 J	36.4	<25.0	<25.0	<125	<25.0
Bromochloromethane	0.6	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0
n-Butylbenzene	70	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0
2-Butanone	4,000	17.0	17.0	<25.0	<5.0	<25.0	<25.0	<25.0	6.5	132	<25.0	<25.0	<25.0	<25.0	3.9 J	<5.0	15.5	<25.0	<5.0
Ethylbenzene	600	4.6	6.9	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	41.5	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0
2-Hexanone[1]	40	<5.0	<5.0	<25.0	<5.0	<25.0	<25.0	<25.0	<5.0	<25.0	<25.0	<25.0	<25.0	<25.0	<5.0	<5.0	<5.0	<25.0	<5.0
Isopropylbenzene (Cumene)	70	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0
Methylene Chloride	5	**7.8**	**46.9**	**8.8 J**	4.0	<10.0	**4,970**	**9.8 J**	**80.5**	**8.1 J**	<10.0	<10.0	<10.0	**4,440**	**3,910**	1.4 J	**67.3**	<10.0	**1,810**
4-Methyl-2-pentanone (MIBK)	NS	111	130	11.1 J	<5.0	6.7 J	5.6 J	<25.0	7.8	851	10.5 J	<25.0	<25.0	<25.0	5.0 J	<5.0	7.0	<25.0	5.5
Naphthalene	6	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0
n-Propylbenzene	70	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	2.4	<1.0	<1.0	<5.0	2.6
Stryene	70	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0
Tetrachloroethene	0.7	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	<1.0	<1.0	<1.0	<5.0	<1.0
Toluene	600	<1.0	6.8	<5.0	<1.0	<5.0	<5.0	<5.0	2.0	45.5	<5.0	5.7	<5.0	<5.0	1.0	<1.0	1.3	<5.0	<1.0
1,1,1-Trichloroethane	200	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.9	<1.0	2.4	<5.0	<1.0
1,1,2-Trichloroethane[1]	200	<1.0	<1.0	<5.0	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	1.0	<1.0	<1.0	<5.0	<1.0
Trichloroethene	3	1.0	**5.8**	**9.1**	<1.0	<5.0	<5.0	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	<5.0	**33.2**	2.0	**35.0**	**6.2**	2.1
1,2,4-Trimethylbenzene	400	<1.0	1.7	<5.0	<1.0	<5.0	17.9	<5.0	1.3	<5.0	<5.0	<5.0	<5.0	11.4	19.3	<1.0	2.0	<5.0	24.4
1,3,5-Trimethylbenzene	400	<1.0	0.45 J	<5.0	<1.0	<5.0	4.4 J	<5.0	<1.0	<5.0	<5.0	<5.0	<5.0	2.6 J	4.5	<1.0	0.50 J	<5.0	5.5
Xylene total	500	37.5	49.1	<10.0	<2.0	<10.0	<10.0	<10.0	5.8	296	<10.0	<10.0	<10.0	<10..0	7.4	<2.0	8.2	<10.0	8.1
m&p-Xylene	500	26.5	34.9	<10.0	<2.0	<10.0	<10.0	<10.0	4.4	209	<10.0	<10.0	<10.0	<10..0	4.6	<2.0	5.9	<10.0	5.1
o-Xylene	500	11	14.2	<5.0	<1.0	<5.0	<5.0	<5.0	1.4	87.2	<5.0	<5.0	<5.0	<5.0	2.8	<1.0	2.3	<5.0	3.0

Notes:
Bold text indicates exceedance of North Carolina Groundwater Standard (NC 2L Standard)
1 - Interim Maximum Allowable Concentration
Table includes DOT target compounds and non-target compounds such as tetrachloroethene and petroleum related VOCs
Analytical method shown in parenthesis
NS = Not Specified
J = Value indicates analyte was detected below the reporting limit but above the method detection limit
VOC = Volatile Organic Compound
µg/L = microgram per Liter

Table 3
Summary of Soil SPLP Results
Former DOT Asphalt Testing Site No. 6-48
Pittsboro, North Carolina
H&H Job No. ROW-415

Sample ID	NC 2L Standards	RS-16							RS-17						
Depth		(0-1)	(5-6)	(10-11)	(15-16)	(20-21)	(25-26)	DUP-1 (25-26)	(0-1)	(5-6)	(10-11)	(15-16)	DUP-2 (15-16)	(20-21)	(25-26)
Sample Date		6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13	6/12/13
SPLP MSV (8260)	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
Acetone	6,000	<25.0	<250	<250	<125	<125	<25.0	23.1 J	<125	<25.0	<25.0	<125	<125	<125	<125
Bromochloromethane	0.6	<1.0	<10.0	<10.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0
n-Butylbenzene	70	<1.0	<10.0	<10.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0
2-Butanone	4,000	14.8	<50.0	<50.0	<25.0	<25.0	<5.0	19.5	<25.0	15.3	15.3	<25.0	<25.0	<25.0	<25.0
Ethylbenzene	600	<1.0	<10.0	<10.0	<5.0	<5.0	<1.0	4.6	<5.0	5.0	5.0	<5.0	<5.0	<5.0	<5.0
2-Hexanone[1]	40	<5.0	<50.0	<50.0	<25.0	<25.0	<5.0	<5.0	<25.0	5.0	5.0	<25.0	<25.0	<25.0	<25.0
Isopropylbenzene (Cumene)	70	<1.0	<10.0	<10.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0
Methylene Chloride	5	**23.5**	**52.7**	<20.0	<10.0	**1,590**	**5.6**	**5.4**	<10.0	**123**	**2,490**	<10.0	**21**	<10.0	<10.0
4-Methyl-2-pentanone (MIBK)	NS	4.4 J	71.2	<50.0	<25.0	<25.0	<5.0	84.5	<25.0	59.5	1.6 J	<25.0	<25.0	<25.0	<25.0
Naphthalene	6	<1.0	<10.0	<10.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0
n-Propylbenzene	70	<1.0	<10.0	<10.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	1.2	<5.0	<5.0	<5.0	<5.0
Stryene	70	<1.0	<10.0	<10.0	<5.0	<5.0	<1.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0
Tetrachloroethene	0.7	**3.1**	**14.9**	<10.0	<5.0	<5.0	**76.9**	<1.0	<5.0	**1.2**	**2.3**	<5.0	<5.0	<5.0	<5.0
Toluene	600	<1.0	<10.0	<10.0	<5.0	<5.0	1.2	3.9	<5.0	4.8	<1.0	<5.0	<5.0	<5.0	<5.0
1,1,1-Trichloroethane	200	<1.0	<10.0	<10.0	<5.0	<5.0	**331**	<1.0	<5.0	3.6	10.8	<5.0	<5.0	<5.0	<5.0
1,1,2-Trichloroethane[1]	200	<1.0	<10.0	<10.0	<5.0	<5.0	2.0	<1.0	<5.0	<1.0	<1.0	<5.0	<5.0	<5.0	<5.0
Trichloroethene	3	**27.0**	**89.5**	**217**	**19.6**	**58.2**	**3,620**	**5.9**	<5.0	**81.5**	**234**	**16.6**	**105**	<5.0	<5.0
1,2,4-Trimethylbenzene	400	<1.0	<10.0	<10.0	<5.0	34.5	<1.0	<1.0	<5.0	1.4	11.4	<5.0	<5.0	<5.0	<5.0
1,3,5-Trimethylbenzene	400	<1.0	<10.0	<10.0	<5.0	7.6	<1.0	<1.0	<5.0	<1.0	2.9	<5.0	<5.0	<5.0	<5.0
Xylene total	500	<2.0	20.6	<20.0	<10.0	<10.0	<2.0	34.9	<10.0	34.7	4.6	<10.0	<10.0	<10.0	<10.0
m&p-Xylene	500	1.9 J	20.6	<20.0	<10.0	<10.0	1.9 J	24.5	<10.0	25.2	2.7	<10.0	<10.0	<10.0	<10.0
o-Xylene	500	<1.0	<10.0	<10.0	<5.0	<5.0	<1.0	10.4	<5.0	9.5	1.8	<5.0	<5.0	<5.0	<5.0

Notes:
Bold text indicates exceedance of North Carolina Groundwater Standard (NC 2L Standard)
1 - Interim Maximum Allowable Concentration
Table includes DOT target compounds and non-target compounds such as tetrachloroethene and petroleum related VOCs
Analytical method shown in parenthesis
NS = Not Specified
J = Value indicates analyte was detected below the reporting limit but above the method detection limit
VOC = Volatile Organic Compound
µg/L = microgram per Liter



N

APPROXIMATE

0 2000 4000

SCALE IN FEET

U.S.G.S. QUADRANGLE MAP

MERRY OAKS 1975

QUADRANGLE
7.5 MINUTE SERIES (TOPOGRAPHIC)

TITLE

SITE LOCATION MAP

PROJECT

FORMER ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007 (p) 704-586-0373 (f)

DATE:	7-8-13	REVISION NO:	0
JOB NO:	ROW-415	FIGURE:	1

PAVEMENT

EXISTING BUILDING

AC

PAVEMENT

RS-8

RS-7

RS-9

RS-10

VW-1

VW-2

VW-3

48SVE-1

RS-16

RS-12

RS-15

RS-17

GRASS

RS-11

RS-14

SB-11

48 MW-16

RS-13

REPORTED FORMER
SEPTIC SYSTEM LOCATION

48 DW-5

48 MW-3

48 DW-1

GATE

WOOD LINE

PAVEMENT

LEGEND

- APPROXIMATE LOCATION OF FORMER LABORATORY
- 6' CHAIN LINK FENCE
- UNDERGROUND TELEPHONE LINE
- CURB AND GUTTER
- TELEPHONE PEDESTAL
- HVAC SYSTEM
- TRANSFORMER
- UTILITY POLE
- WATER SPIGOT
- MONITORING WELL
- SVE POINT
- SOIL BORING

NOTES:

1. SOIL BORING LOCATIONS SURVEYED BY BATEMAN CIVIL SURVEY COMPANY ON 6/12/13.
2. SOIL BORING SB-11 ADVANCED DURING A 2010 SITE INVESTIGATION.

N

APPROXIMATE
0 20 40
SCALE IN FEET

TITLE

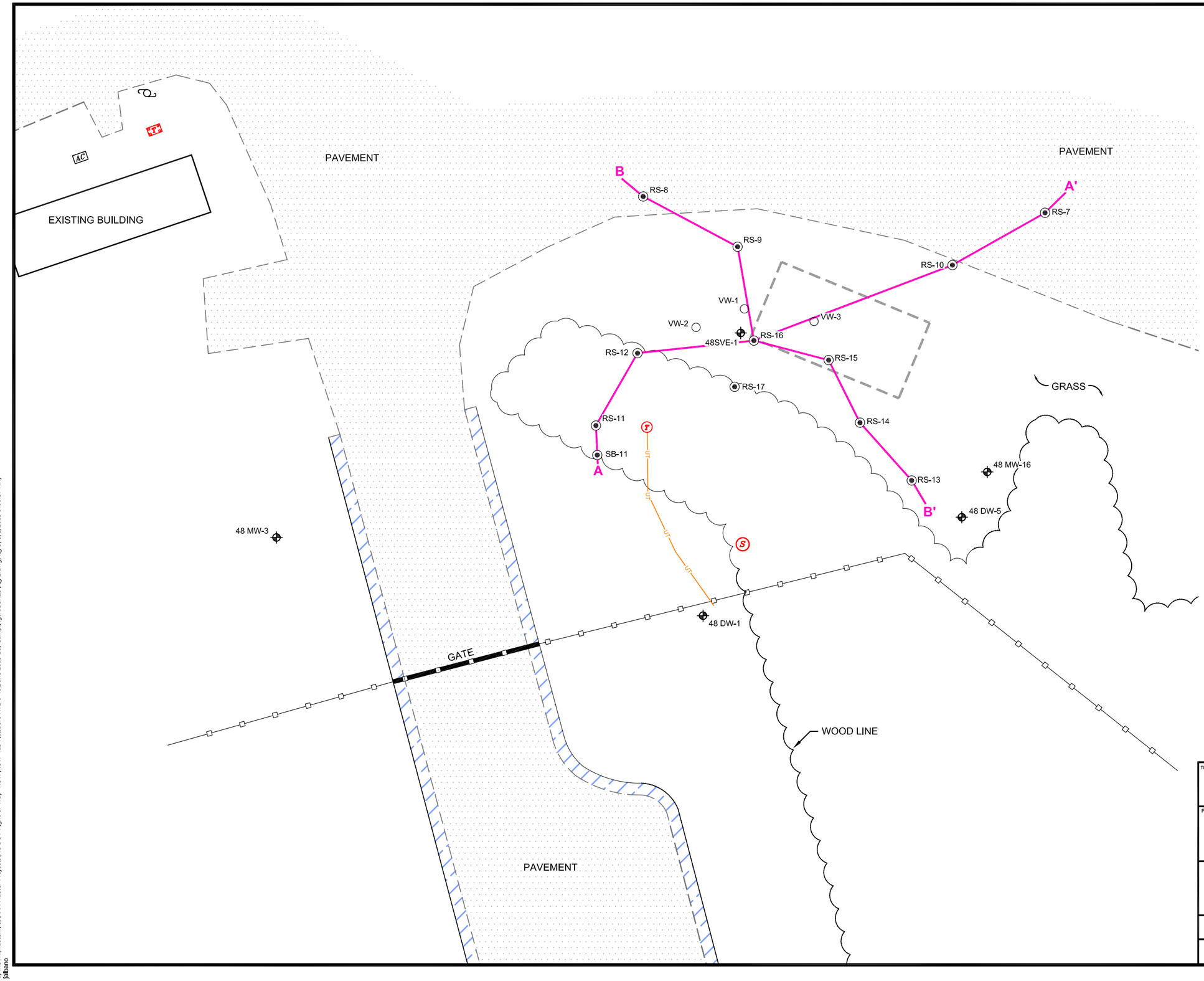
SITE MAP

PROJECT

FORMER ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 7-10-13	REVISION NO. 0
JOB NO. ROW-415	FIGURE NO. 2



LEGEND

- APPROXIMATE LOCATION OF FORMER LABORATORY
- 6' CHAIN LINK FENCE
- UNDERGROUND TELEPHONE LINE
- CURB AND GUTTER
- TELEPHONE PEDESTAL
- HVAC SYSTEM
- TRANSFORMER
- UTILITY POLE
- WATER SPIGOT
- MONITORING WELL
- SVE POINT
- SOIL BORING
- A — A' TRANSECT LINE

NOTES:

1. SOIL BORING LOCATIONS SURVEYED BY BATEMAN CIVIL SURVEY COMPANY ON 6/12/13.
2. SOIL BORING SB-11 ADVANCED DURING A 2010 SITE INVESTIGATION.

N

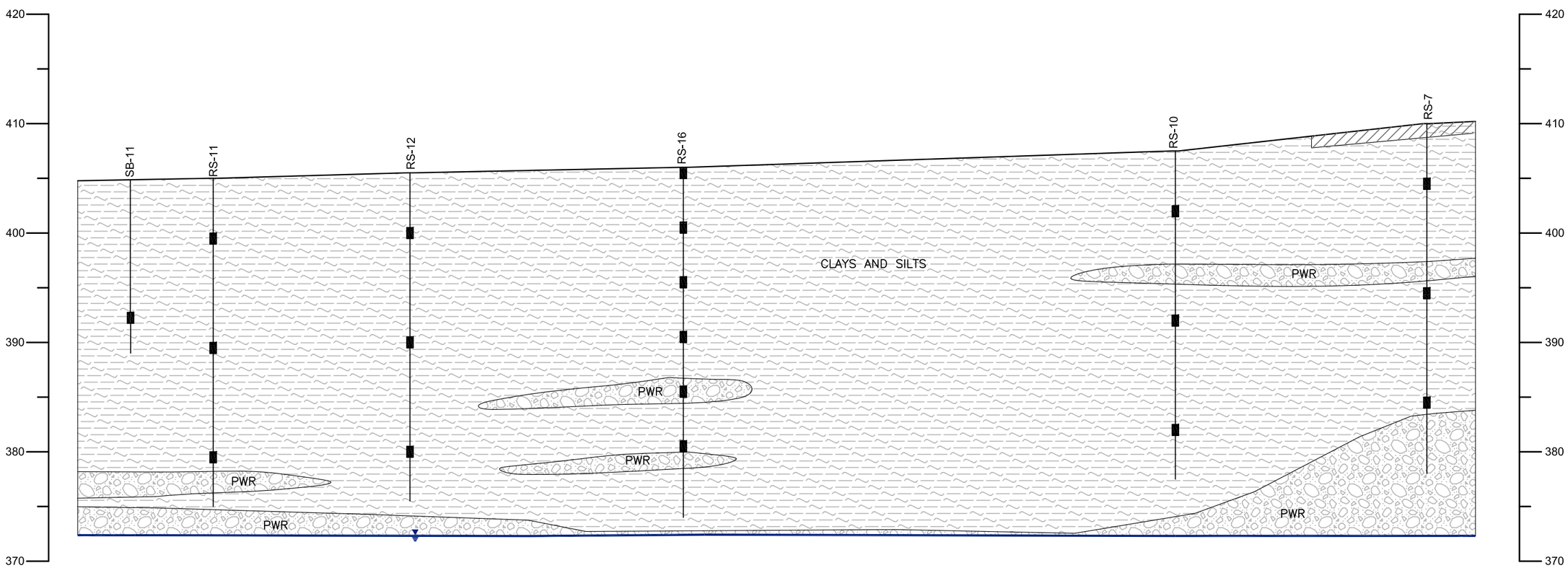
APPROXIMATE
0 20 40
SCALE IN FEET

TITLE
CROSS-SECTION LOCATION MAP

PROJECT
FORMER ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)
License # C-1269 / #C-245 Geology

DATE: 7-10-13	REVISION NO. 0
JOB NO. ROW-415	FIGURE NO. 3



10
APPROXIMATE
0
10
SCALE IN FEET

LEGEND

RS-16 — SOIL BORING ID

SOIL SAMPLE LOCATION

WATER TABLE

CLAYS AND SILTS

PARTIALLY WEATHERED ROCK (PWR)

ASPHALT

NOTES:

1. SOIL BORING LOCATIONS SURVEYED BY NORTH CAROLINA PROFESSIONAL LAND SURVEYORS BATEMAN CIVIL SURVEY COMPANY ON 6/12/13.

2. LITHOLOGY INTERPRETED FROM KNOWN LITHOLOGIC OBSERVATIONS. ACTUAL CONDITIONS MAY DIFFER.

3. WATER TABLE DEPTH MEASURED ON 7/24/13.

4. SOIL BORING SB-11 ADVANCED BY AECOM DURING A 2010 SITE INVESTIGATION.

TITLE

GENERALIZED GEOLOGIC CROSS-SECTION A-A'

PROJECT

FORMER ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

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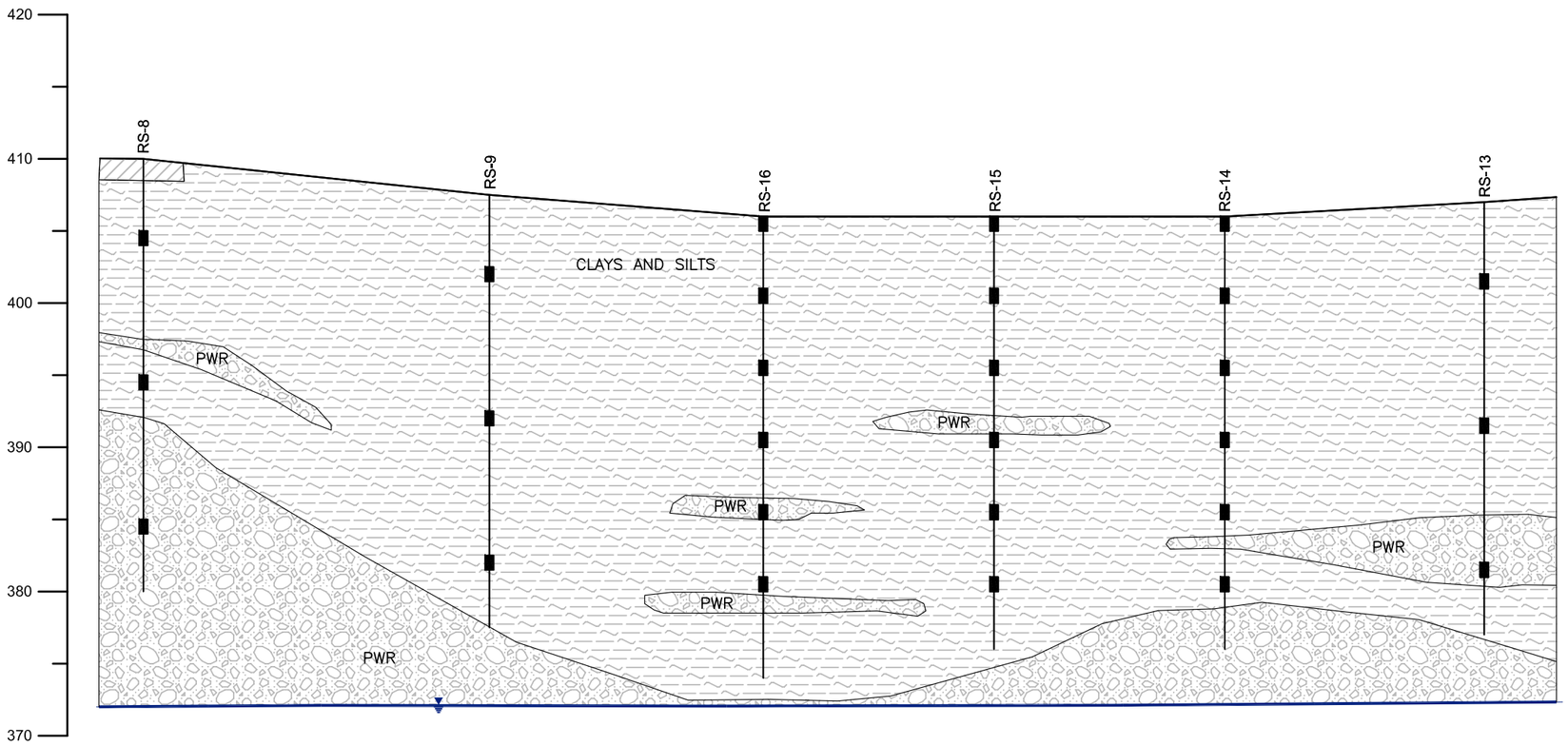
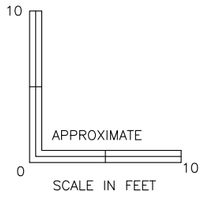
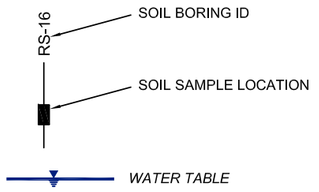
DATE: 7–15–13	REVISION NO. 0
JOB NO. ROW–415	FIGURE NO. 4





LEGEND



CLAYS AND SILTS

PARTIALLY WEATHERED ROCK (PWR)

ASPHALT

NOTES:

1. SOIL BORING LOCATIONS SURVEYED BY NORTH CAROLINA PROFESSIONAL LAND SURVEYORS BATEMAN CIVIL SURVEY COMPANY ON 6/12/13.

2. LITHOLOGY INTERPRETED FROM KNOWN LITHOLOGIC OBSERVATIONS. ACTUAL CONDITIONS MAY DIFFER.

3. WATER TABLE DEPTH MEASURED ON 7/24/13.

TITLE

GENERALIZED GEOLOGIC CROSS-SECTION B-B'

PROJECT

FORMER ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

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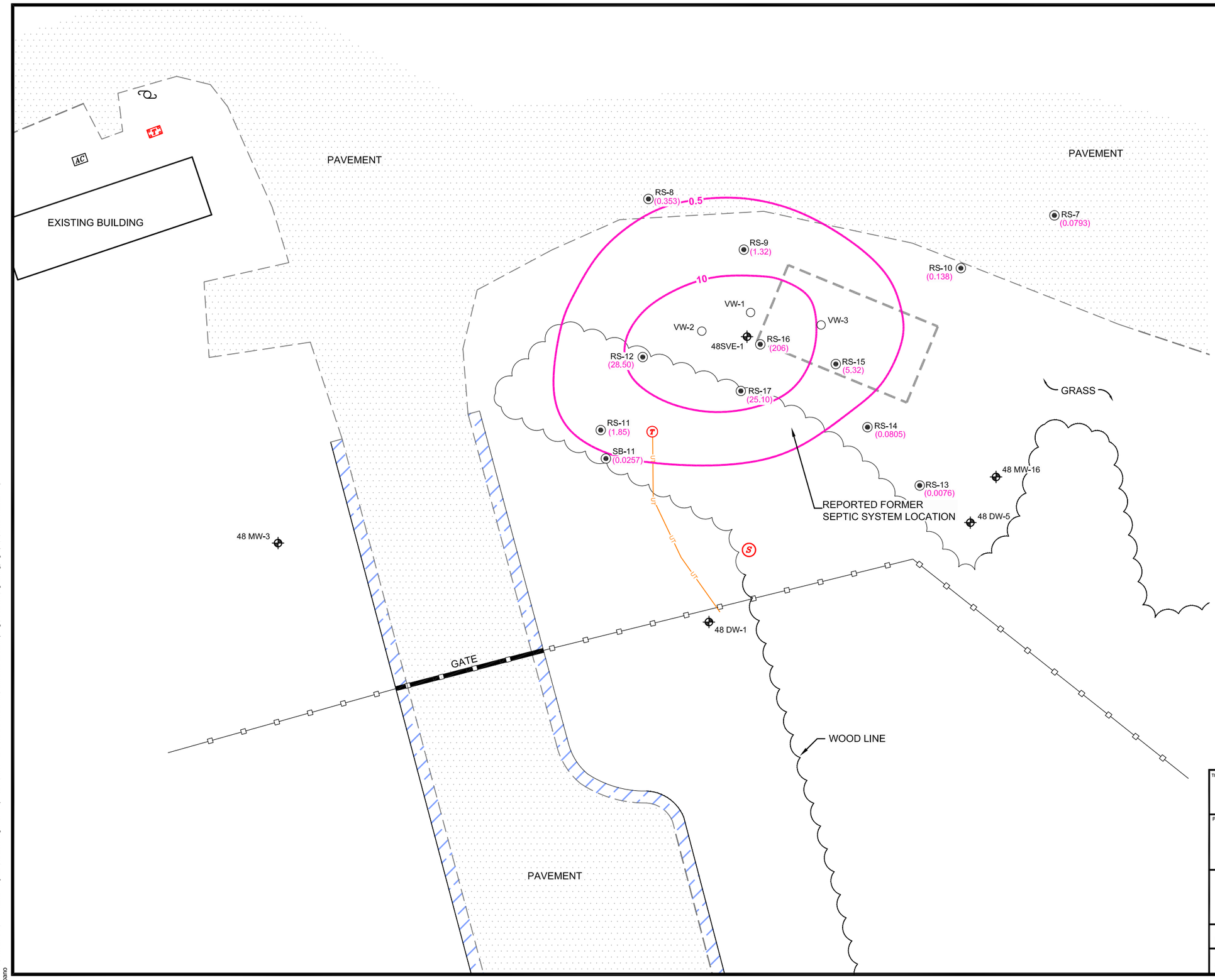
DATE: 7–15–13	REVISION NO. 0
JOB NO. ROW–415	FIGURE NO. 5



LEGEND

- APPROXIMATE LOCATION OF FORMER LABORATORY
- 6' CHAIN LINK FENCE
- UT — UNDERGROUND TELEPHONE LINE
- CURB AND GUTTER
- TELEPHONE PEDESTAL
- AC — HVAC SYSTEM
- TRANSFORMER
- UTILITY POLE
- S — WATER SPIGOT
- MONITORING WELL
- SVE POINT
- SOIL BORING
- (0.353) — TCE CONCENTRATION mg/kg HIGHEST SOIL BORING CONCENTRATION PLOTTED REGARDLESS OF DEPTH
- 0.5 — TCE ISOCONCENTRATION CONTOUR (mg/kg)

NOTES:

1. SOIL BORING LOCATIONS SURVEYED BY BATEMAN CIVIL SURVEY COMPANY ON 6/12/13.
2. SOIL BORING SB-11 ADVANCED DURING A 2010 SITE INVESTIGATION.
3. TO CONFORM WITH PRIOR FIGURED PREPARED BY OTHERS, UNITS ON THIS FIGURE ARE IN mg/kg.

N

APPROXIMATE
0 20 40
SCALE IN FEET

TITLE
TCE IMPACTS ABOVE SITE SPECIFIC TARGET LEVEL

PROJECT
FORMER ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

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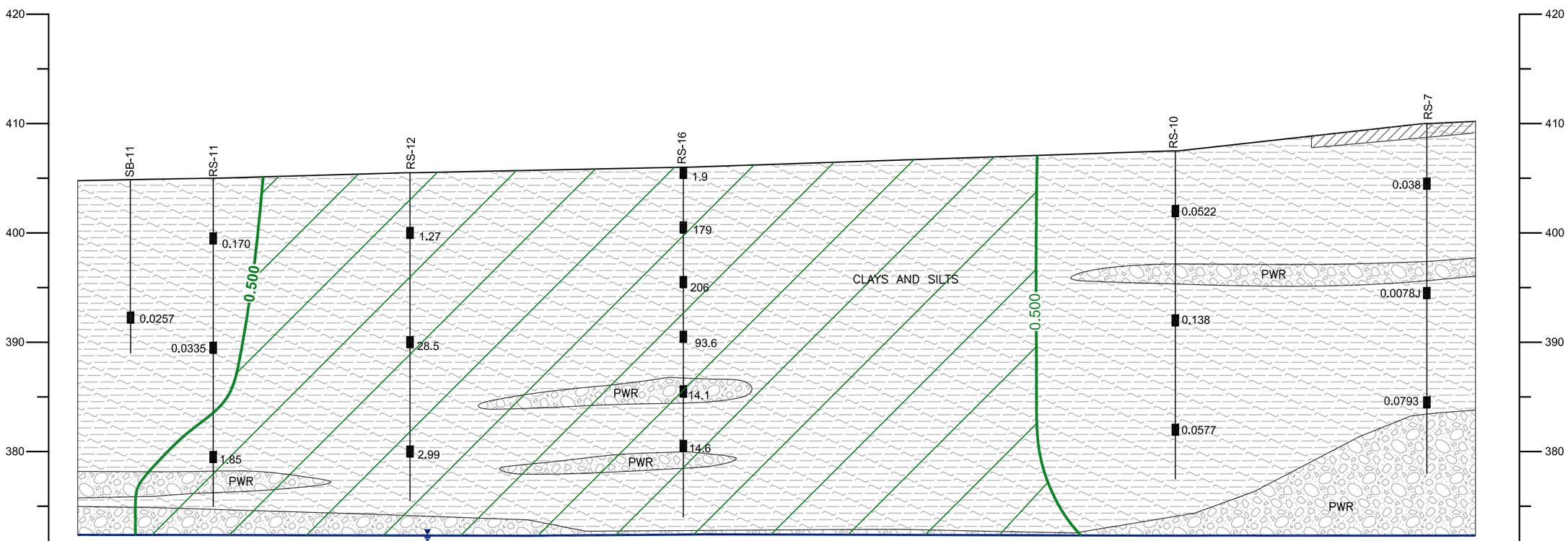
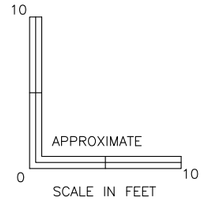
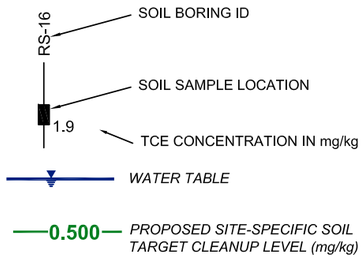
DATE: 7-10-13 | REVISION NO. 0

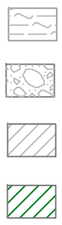
JOB NO. ROW-415 | FIGURE NO. 6





LEGEND





CLAYS AND SILTS

PARTIALLY WEATHERED ROCK (PWR)

ASPHALT

PROPOSED AREA TO TARGET FOR EXCAVATION

NOTES:

1. SOIL BORING LOCATIONS SURVEYED BY NORTH CAROLINA PROFESSIONAL LAND SURVEYORS BATEMAN CIVIL SURVEY COMPANY ON 6/12/13.
2. LITHOLOGY INTERPRETED FROM KNOWN LITHOLOGIC OBSERVATIONS. ACTUAL CONDITIONS MAY DIFFER.
3. WATER TABLE DEPTH MEASURED ON 7/24/13.
4. J VALUE INDICATES TCE CONCENTRATION DETECTED BELOW THE LABORATORY REPORTING LIMIT BUT ABOVE THE METHOD DETECTION LIMIT.
5. TO CONFORM WITH PRIOR FIGURED PREPARED BY OTHERS, UNITS ON THIS FIGURE ARE IN mg/kg.

TITLE

TCE IMPACTS ALONG CROSS-SECTION A-A'

PROJECT

FORMER ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

hart hickman
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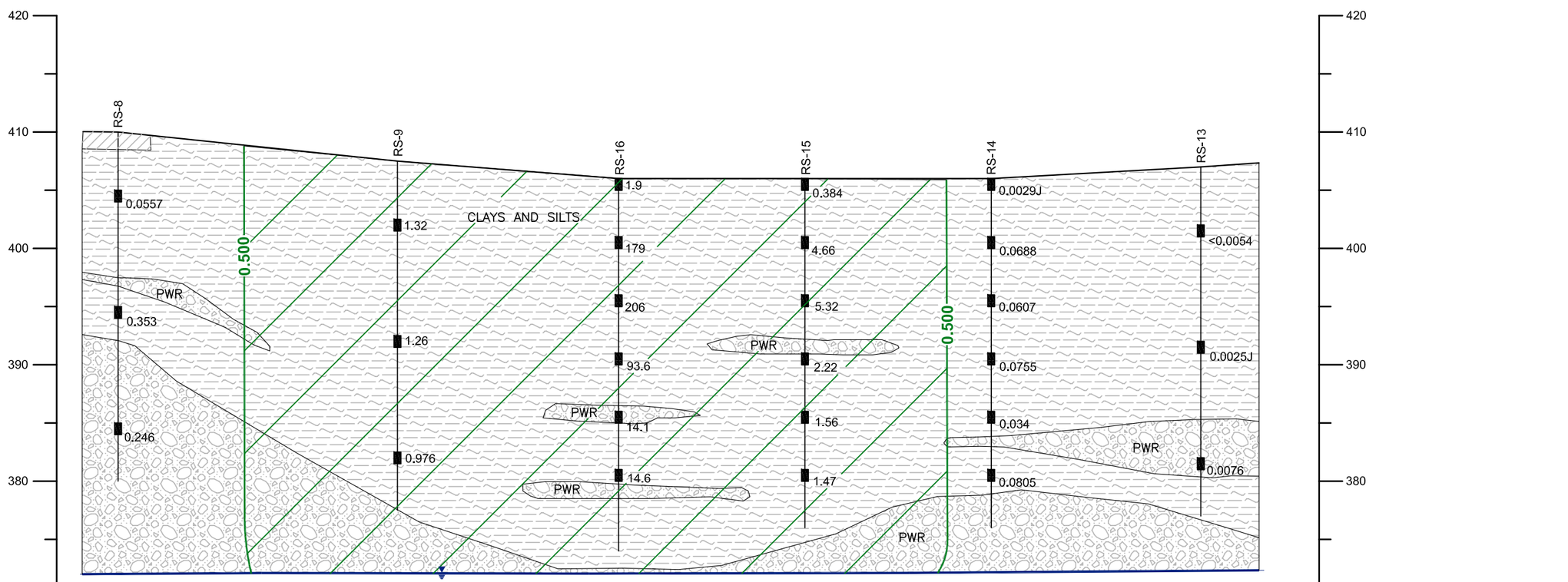
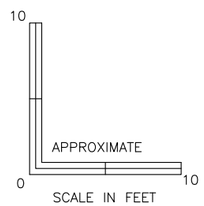
DATE: 7–15–13	REVISION NO. 0
JOB NO. ROW–415	FIGURE NO. 7





LEGEND

RS-16 — SOIL BORING ID

1.9 — SOIL SAMPLE LOCATION; TCE CONCENTRATION IN mg/kg

WATER TABLE

0.500 — *PROPOSED SITE-SPECIFIC SOIL TARGET CLEANUP LEVEL (mg/kg)*

CLAYS AND SILTS

PARTIALLY WEATHERED ROCK (PWR)

ASPHALT

PROPOSED AREA TO TARGET FOR EXCAVATION

NOTES:

1. SOIL BORING LOCATIONS SURVEYED BY NORTH CAROLINA PROFESSIONAL LAND SURVEYORS BATEMAN CIVIL SURVEY COMPANY ON 6/12/13.
2. LITHOLOGY INTERPRETED FROM KNOWN LITHOLOGIC OBSERVATIONS. ACTUAL CONDITIONS MAY DIFFER.
3. WATER TABLE DEPTH MEASURED ON 7/24/13.
4. J VALUE INDICATES TCE CONCENTRATION DETECTED BELOW THE LABORATORY REPORTING LIMIT BUT ABOVE THE METHOD DETECTION LIMIT.
5. TO CONFORM WITH PRIOR FIGURED PREPARED BY OTHERS, UNITS ON THIS FIGURE ARE IN mg/kg.

TITLE

TCE IMPACTS ALONG CROSS-SECTION B-B'

PROJECT

FORMER ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

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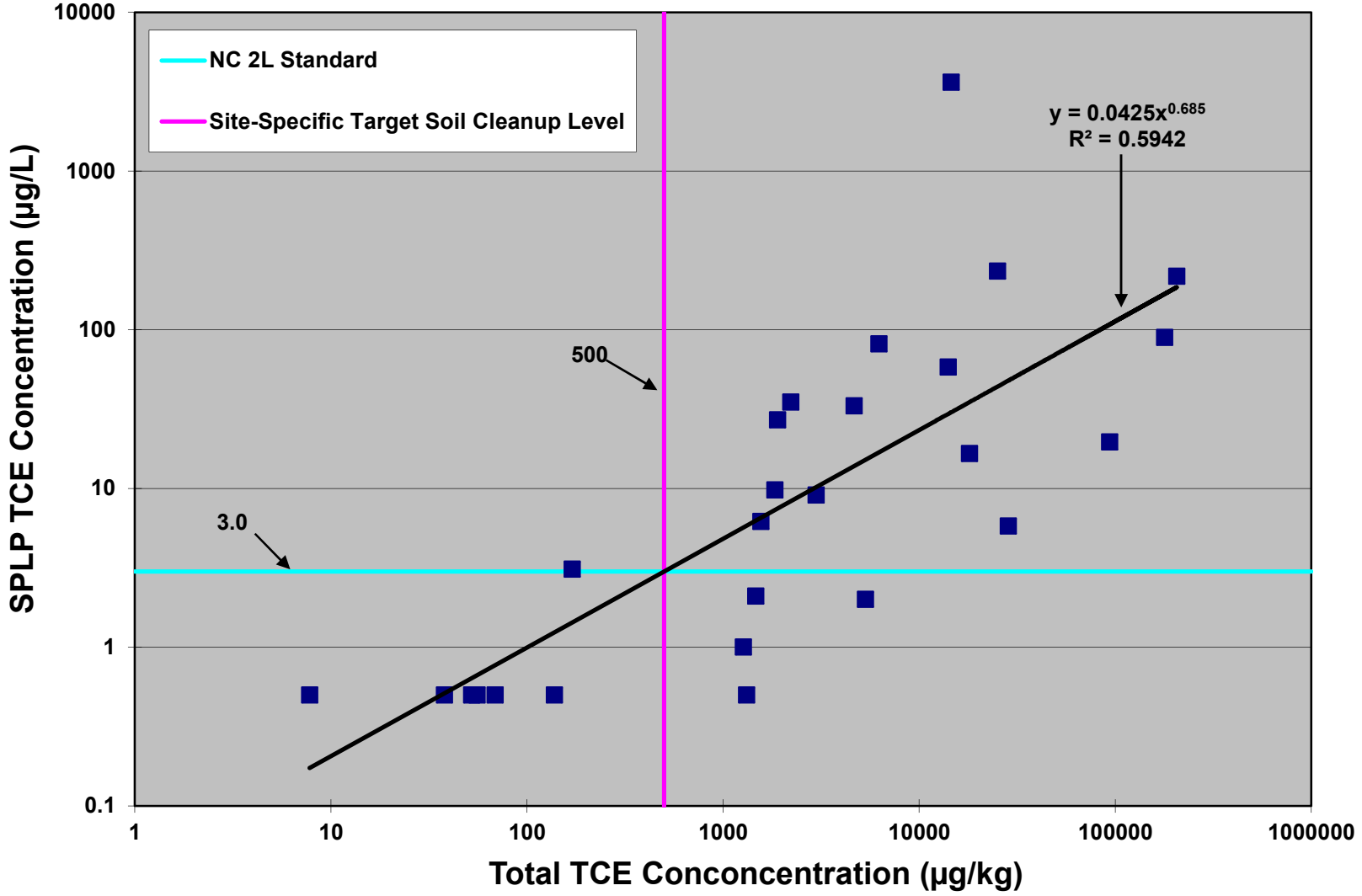
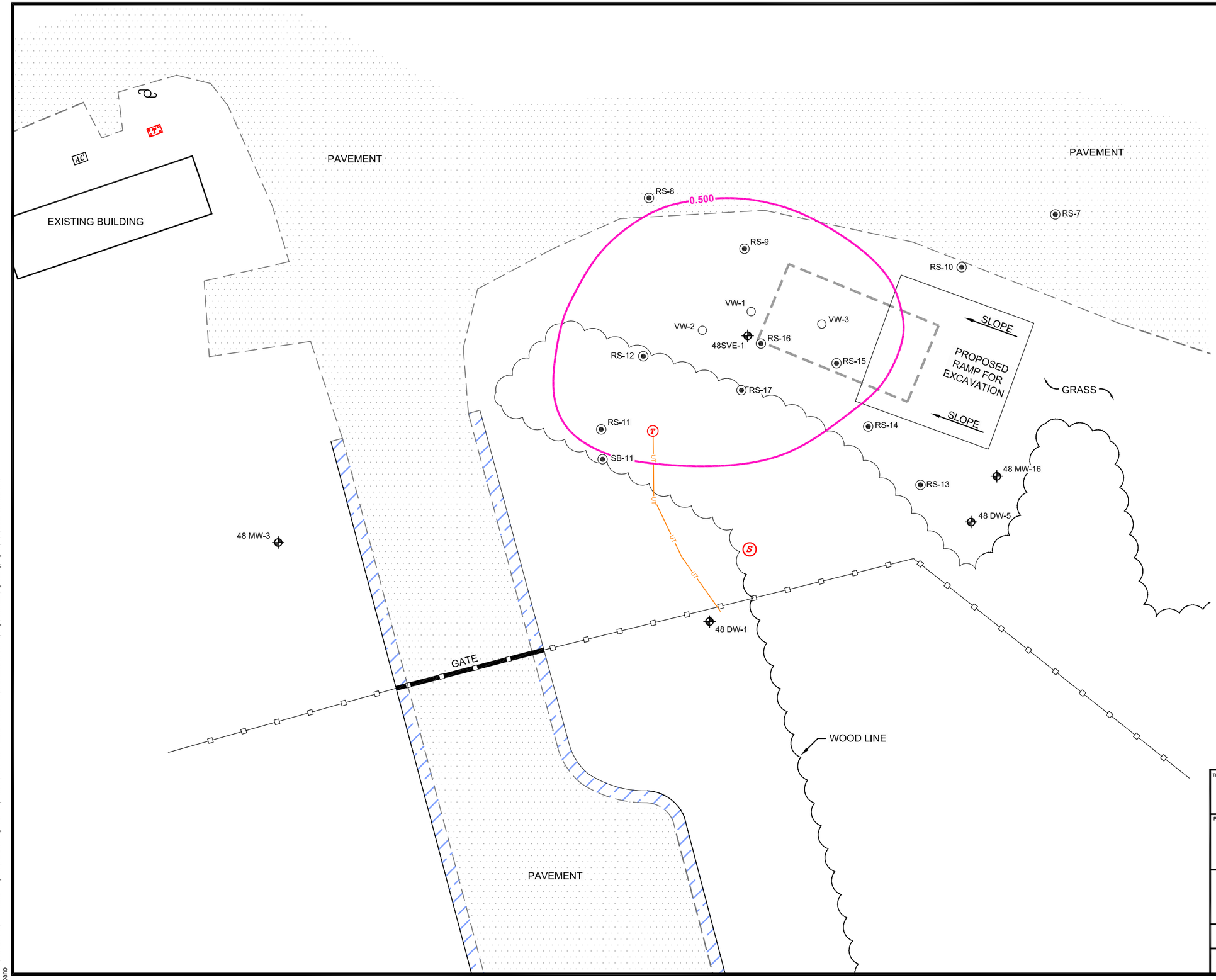
DATE: 7–15–13	REVISION NO. 0
JOB NO. ROW–415	FIGURE NO. 8

Figure 9
SPLP TCE vs. Total TCE
Former NCDOT Asphalt Testing Site No. 6-48
Pittsboro, North Carolina
H&H Job No. ROW-415





LEGEND

- APPROXIMATE LOCATION OF FORMER LABORATORY
- 6' CHAIN LINK FENCE
- UNDERGROUND TELEPHONE LINE
- CURB AND GUTTER
- TELEPHONE PEDESTAL
- HVAC SYSTEM
- TRANSFORMER
- UTILITY POLE
- WATER SPIGOT
- MONITORING WELL
- SVE POINT
- SOIL BORING
- PROPOSED RAMP AREA
- PROPOSED EXCAVATION AREA (TCE >0.500 mg/kg)

NOTES:

1. SOIL BORING LOCATIONS SURVEYED BY NORTH CAROLINA PROFESSIONAL LAND SURVEYORS BATEMAN CIVIL SURVEY COMPANY ON 6/12/13.
2. SOIL BORING SB-11 ADVANCED BY AECOM DURING A 2010 SITE INVESTIGATION.
3. TO CONFORM WITH PRIOR FIGURED PREPARED BY OTHERS, UNITS ON THIS FIGURE ARE IN mg/kg.

N

APPROXIMATE
0 20 40
SCALE IN FEET

TITLE
PROPOSED EXCAVATION AREA MAP

PROJECT
FORMER ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

hart hickman
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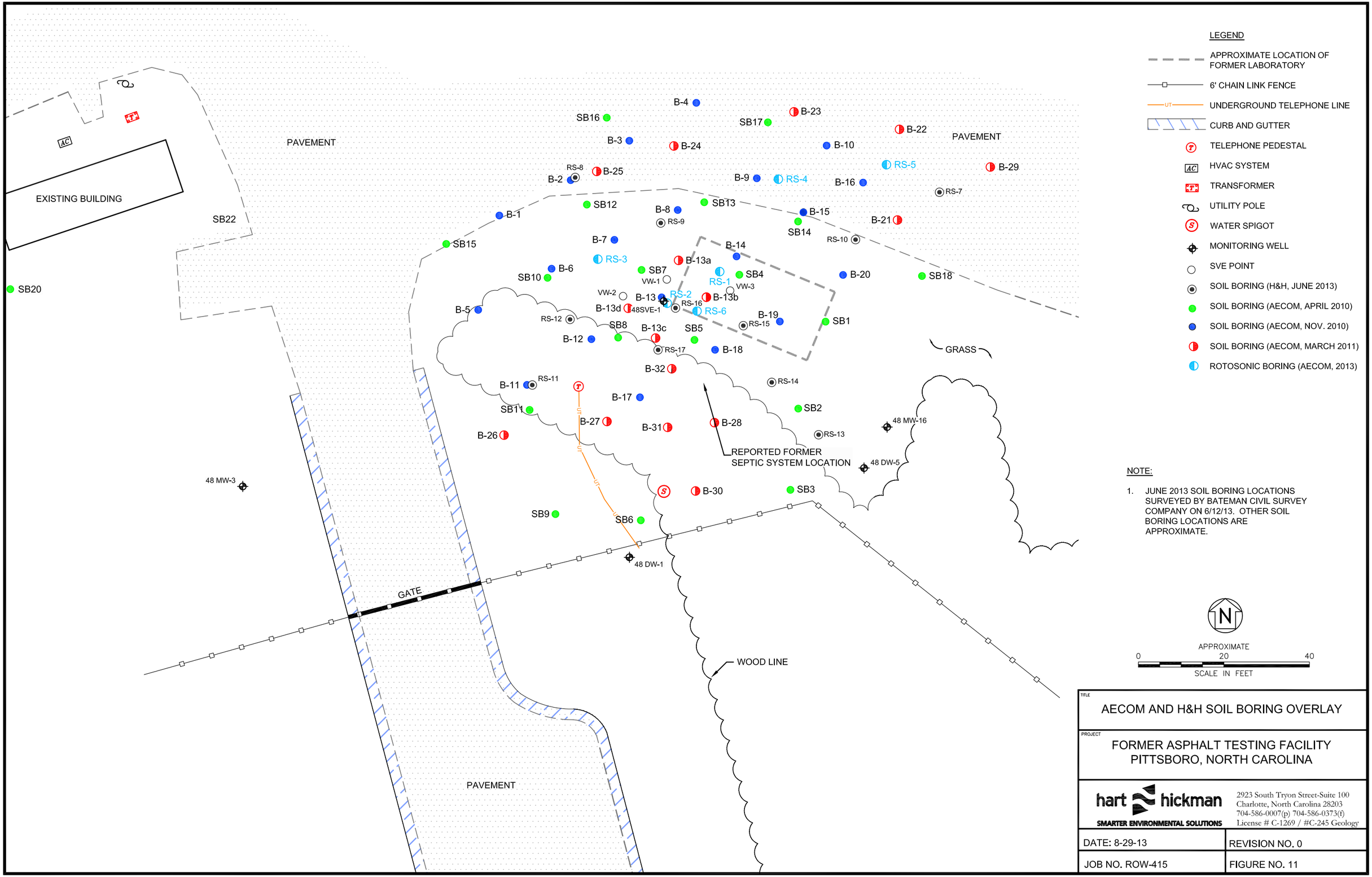
DATE: 7-10-13	REVISION NO. 0
JOB NO. ROW-415	FIGURE NO. 10



TITLE

AECOM AND H&H SOIL BORING OVERLAY

PROJECT

FORMER ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS
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License # C-1269 / #C-245 Geology

DATE: 8-29-13	REVISION NO. 0
JOB NO. ROW-415	FIGURE NO. 11

Appendix A

Soil Boring Logs and Soil Boring Photo Logs

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

2923 South Tryon Street-Suite 100
Charlotte, North Carolina 28203
704-586-0007(p) 704-586-0373(f)

3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER RS-7

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt with gravel base
						Dry, red, SILT
						Dry, stiff, red and tan mottled, silty CLAY
						Moist, stiff, red and tan mottled, silty CLAY
5			0	14.4		
			0	4.8		Moist, stiff, gray, silty CLAY, saprolite structure
			0	8.7		
10			0	4.6		
			0	2.2		Gray, highly WEATHERED ROCK, black manganese staining
15			0	0.6		Moist, stiff, gray, silty CLAY, saprolite structure
			0	2.8		
			0	2.8		
20			0	1.7		
			0	2		
25			0	1.3		
			0	3.7		Gray and tan, highly WEATHERED ROCK, black manganese staining
30			0	2.1		
						Bottom of borehole at 32.0 feet.

BORING DIAGRAM

DEPTH (ft) 0 5 10 15 20 25 30

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY: JAA
DRAWN BY:

BORING STARTED: 6/11/13
BORING COMPLETED: 6/11/13
TOTAL DEPTH: 32 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 5 to 6 ft bgs, 15 to 16 ft bgs, and 25 to 26 bgs.

BORING LOG - HART HICKMAN.GDT - 6/26/13 14:24 - S:\AAA-MASTER GINT PROJECTS\ROW-415.GPJ

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3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER RS-8

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0						Asphalt and gravel base
						Dry, red, SILT
						Slightly moist, medium stiff, red and tan mottled, silty CLAY
5			0	0.7		
			0	2.9		Dry, medium stiff, red, SILT, manganese infilling, saprolite structure
			0	6.7		
10			0	4.5		
						Gray and tan, highly WEATHERED ROCK
			0	3.4		Dry, medium stiff, red, SILT, manganese infilling, saprolite structure
15			0	5.1		
			0	2.1		Gray and tan, highly WEATHERED ROCK, CLAY matrix
			0	1.1		
20			0	0.8		
			0	4.2		
25			0	0.9		
			0	1.1		
			0	0.8		
30						Bottom of borehole at 30.0 feet.

BORING DIAGRAM

DEPTH (ft) (duplicate)

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY: JAA
DRAWN BY:

BORING STARTED: 6/11/13
BORING COMPLETED: 6/11/13
TOTAL DEPTH: 30 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 5 to 6 ft bgs, 15 to 16 ft bgs, and 25 to 26 bgs.

BORING LOG - HART HICKMAN.GDT - 6/26/13 14:24 - S:\AAA-MASTER GINT PROJECTS\ROW-415.GPJ

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3334 Hillsborough Street
Raleigh, North Carolina 27607
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BORING NUMBER RS-9

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM
0						Moist, medium stiff, red and tan mottled, silty CLAY, manganese infilling	
5			0	15.3			
			0	22.1			
			0	17.7			
10			0	19.7			
			0	25.2			
15			0	24.1			
			0	23.4		Slightly moist, stiff, tan, silty CLAY, saprolite structure	
			0	74			
20			0	64.3			
			0	173.5		Slightly moist, hard, tan silty CLAY, saprolite structure	
25			0	145.5			
			0	68.2			
			0	161.3			
30						Bottom of borehole at 30.0 feet.	

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY: JAA
DRAWN BY:

BORING STARTED: 6/11/13
BORING COMPLETED: 6/11/13
TOTAL DEPTH: 30 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 5 to 6 ft bgs, 15 to 16 ft bgs, and 25 to 26 bgs.

BORING LOG - HART HICKMAN.GDT - 6/26/13 14:24 - S:\AAA-MASTER GINT PROJECTS\ROW-415.GPJ

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Raleigh, North Carolina 27607
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BORING NUMBER RS-10

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0						Moist, medium stiff, red, CLAY		0
5			0	9.1				5
			0	0.8		Moist, medium stiff, red and tan mottled, saprolite structure		
			0	4.2				
10						Gray, highly WEATHERED ROCK, manganese surface staining		10
			0	4.6		Moist, medium stiff, tan and orange, silty CLAY, saprolite structure		
			0	2.2				
15			0	2.8				15
			0	1				
			0	5.4				
20			0	6.2				20
			0	13.6				
25			0	11.9				25
			0	8.9		Moist, hard, tan, silty CLAY, saprolite structure		
			0	3.1		Moist, hard, tan, silty CLAY, and gray weathered rock, manganese surface staining		
30						Bottom of borehole at 30.0 feet.		30

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY: JAA
DRAWN BY:

BORING STARTED: 6/11/13
BORING COMPLETED: 6/11/13
TOTAL DEPTH: 30 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 5 to 6 ft bgs, 15 to 16 ft bgs, and 25 to 26 bgs.

BORING LOG - HART HICKMAN.GDT - 6/26/13 14:24 - S:\AAA-MASTER GINT PROJECTS\ROW-415.GPJ

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Raleigh, North Carolina 27607
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BORING NUMBER RS-11

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	BLOW COUNT	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	WELL DIAGRAM	DEPTH (ft)
0						Moist, medium stiff, tan, silty CLAY		0
			0	1.3				
			0	3.5				
5			0	5.6				5
			0	3				
						Moist, medium stiff, tan, silty CLAY, saprolite structure		
			0	4.3				
10			0	4.1				10
			0	13.4				
15			0	6.8				15
			0	4.3				
			0	6.3				
20			0	6.1		Moist, medium stiff, tan, silty GRAVELY CLAY, saprolite structure, weathered rock		20
						Moist, medium stiff, tan, silty CLAY, saprolite structure		
			0	11.1				
25			0	196.6				25
			0	109.6		Gray, WEATHERED ROCK, manganese surface staining		
			0	86.9		Moist, medium stiff, tan, silty CLAY, saprolite structure		
30						Bottom of borehole at 30.0 feet.		30

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY JAA
DRAWN BY:

BORING STARTED 6/11/13
BORING COMPLETED: 6/11/13
TOTAL DEPTH: 30
SURFACE ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 5 to 6 ft bgs, 15 to 16 ft bgs, and 25 to 26 bgs.

LOG OF BORING - HART HICKMAN.GDT - 8/19/13 14:23 - S:\AAA-MASTER GINT PROJECTS\ROW-415.GPJ

hart hickman
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Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER RS-12

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM	DEPTH (ft)
0						Slightly moist, medium stiff, red and tan mottled, silty CLAY		0
5			0	99.5				5
			0	417.9		Slightly moist, medium stiff, red and tan mottled, silty CLAY, saprolite structure		
			0	256.3				
10			0	472.2				10
			0	44.5		Slightly moist, medium stiff, red and tan mottled, silty CLAY, saprolite structure, highly weathered rock		
15			0	390.9		Slightly moist, medium stiff, orange, silty CLAY, saprolite structure		15
			0	186				
			0	19.6				
20			0	70.5				20
			0	105.6				
25			0	112		Moist, soft, tan, sandy, weathered rock fragments, CLAY		25
			0	10				
			0	27				
30						Bottom of borehole at 30.0 feet.		30

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY: JAA
DRAWN BY:

BORING STARTED: 6/11/13
BORING COMPLETED: 6/11/13
TOTAL DEPTH: 30 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 5 to 6 ft bgs, 15 to 16 ft bgs, and 25 to 26 bgs.

BORING LOG - HART HICKMAN.GDT - 6/26/13 14:24 - S:\AAA-MASTER GINT PROJECTS\ROW-415.GPJ

hart hickman
SMARTER ENVIRONMENTAL SOLUTIONS

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Charlotte, North Carolina 28203
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3334 Hillsborough Street
Raleigh, North Carolina 27607
919-847-4241(p) 919-847-4261(f)

BORING NUMBER RS-13

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0						Moist, tan, medium to coarse sandy SILT with clay
5			0	11.9		Slightly moist, medium stiff, red, CLAY
			0	15.8		
			0	25.1		Moist, hard, tan, silty CLAY, saprolite structure
10			0	20.1		
			0	20		
15			0	9		
			0	9.6		
			0	9.8		
20			0	11.1		Very moist, stiff, orange to tan, GRAVELY CLAY and highly WEATHERED ROCK
			0	15.5		
25			0	17.2		
			0	6.8		Slightly moist, hard, tan, clayey SILT, trace of rock clasts
			0	7.6		
30						Bottom of borehole at 30.0 feet.

BORING DIAGRAM

DEPTH (ft)

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY: JAA
DRAWN BY:

BORING STARTED: 6/12/13
BORING COMPLETED: 6/12/13
TOTAL DEPTH: 30 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 5 to 6 ft bgs, 15 to 16 ft bgs, and 25 to 26 bgs.

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BORING NUMBER RS-14

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0			0	5.8		Moist, brown, medium to coarse, sandy SILT
			0	6.2		
5			0	6.7		Moist, soft, red, CLAY
			0	12.8		Slightly moist, stiff, red, silty CLAY
			0	10.1		
10			0	12.3		Slightly moist, hard, tan, silty CLAY
			0	14.5		Slightly moist, hard, tan, GRAVELY CLAY, weathered rock clasts
15			0	7.9		
			0	3.9		
			0	3.6		
20			0	3.9		
			0	5.7		Red and gray, highly WEATHERED ROCK Slightly moist, hard, tan, GRAVELY CLAY, weathered rock clasts
25			0	8.2		
			0	7.8		Red and gray, highly WEATHERED ROCK
			0	7.3		
30						Bottom of borehole at 30.0 feet.

BORING DIAGRAM

DEPTH (ft) 0, 5, 10, 15, 20, 25, 30

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY: JAA
DRAWN BY:

BORING STARTED: 6/12/13
BORING COMPLETED: 6/12/13
TOTAL DEPTH: 30 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 0 to 1 ft bgs, 5 to 6 ft bgs, 10 to 11 ft bgs, 15 to 16 ft bgs, 20 to 21 ft bgs, and 25 to 26 bgs.

BORING LOG - HART HICKMAN.GDT - 6/26/13 14:24 - S:\AAA-MASTER GINT PROJECTS\ROW-415.GPJ

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BORING NUMBER RS-15

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0			0	3.4		Moist, brown, fine to medium sandy SILT
			0	12.1		Slightly moist, stiff, red and tan mottled, silty CLAY
5			0	11.1		
			0	37.1		
			0	45.3		Slightly moist, medium stiff, red and tan mottled, silty CLAY
10			0	39.8		
			0	20.9		
			0	15.2		Hard, orange to tan, highly WEATHERED ROCK with manganese staining
15						Slightly moist, medium stiff, red and tan mottled, silty CLAY
			0	20.7		
			0	12.7		
20			0	23		Slightly moist, medium stiff, red and tan mottled, silty CLAY, black rock clasts
			0	10.2		Slightly moist, very stiff, red and tan mottled, silty CLAY
25			0	22		
			0	32.3		Slightly moist, hard, red and tan mottled, silty CLAY
			0	20.8		
30						Bottom of borehole at 30.0 feet.

BORING DIAGRAM

DEPTH (ft)

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY: JAA
DRAWN BY:

BORING STARTED: 6/12/13
BORING COMPLETED: 6/12/13
TOTAL DEPTH: 30 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 0 to 1 ft bgs, 5 to 6 ft bgs, 10 to 11 ft bgs, 15 to 16 ft bgs, 20 to 21 ft bgs, and 25 to 26 bgs.

BORING LOG - HART HICKMAN.GDT - 6/26/13 14:24 - S:\AAA-MASTER GINT PROJECTS\ROW-415.GPJ

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BORING NUMBER RS-16

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION	BORING DIAGRAM
0						Slightly moist, brown, fine to medium sandy SILT	
5			0	732.2		Moist, stiff, tan and red mottled, silty CLAY, manganese surface staining	
			0	1929			
			0	1094		Moist, medium stiff, tan and red mottled, silty CLAY, saprolite structure, manganese surface staining	
10			0	622.9			
			0	237.2			
15			0	492.8		Slightly moist, very stiff, tan, silty CLAY, saprolite structure	
			0	449.1			
			0	306.9		Slightly moist, very stiff, tan, silty CLAY, saprolite structure, black rock clasts	
20						Tan, highly WEATHERED ROCK, black manganese staining	
			0	96.8		Moist, medium stiff, tan and red mottled, silty CLAY, saprolite structure, manganese surface staining	
			0	94.3			
25			0	88.4			
						Tan, highly WEATHERED ROCK, black manganese staining	
			0	85.9		Moist, medium stiff, tan and red mottled, silty CLAY, saprolite structure, manganese surface staining	
30			0	30.8			
						Bottom of borehole at 32.0 feet.	

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY: JAA
DRAWN BY:

BORING STARTED: 6/12/13
BORING COMPLETED: 6/12/13
TOTAL DEPTH: 32 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 0 to 1 ft bgs, 5 to 6 ft bgs, 10 to 11 ft bgs, 15 to 16 ft bgs, 20 to 21 ft bgs, and 25 to 26 bgs.

BORING LOG - HART HICKMAN.GDT - 6/26/13 14:24 - S:\AAA-MASTER GINT PROJECTS\ROW-415.GPJ

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BORING NUMBER RS-17

PROJECT: Former Asphalt Testing Laboratory
JOB NUMBER: ROW-415
LOCATION: 240 Sugar Lake Road, Pittsboro, NC

DEPTH (ft)	RECOVERY (%)	SAMPLE TYPE NUMBER	OVA (ppm) BKG.	OVA (ppm) SAMP.	LITHOLOGY	MATERIAL DESCRIPTION
0						Moist, brown, medium to coarse sandy SILT
			0	39.6		Moist, medium stiff, tan and red mottled, silty CLAY
5			0	51.2		
			0	77.8		Moist, stiff, tan and red mottled, silty CLAY. saprolite structure
10			0	121.6		
			0	110		Gray, highly WEATHERED ROCK, black manganese staining
			0	86.4		Slightly moist, stiff, tan, silty CLAY, saprolite structure
15			0	189.6		
			0	120		Gray, highly WEATHERED ROCK, black manganese staining
			0	131.3		Slightly moist, stiff, tan, silty CLAY, saprolite structure
20			0	35.1		
			0	39.9		Gray, WEATHERED ROCK, black manganese staining
25			0	89		
			0	67.7		Slightly moist, stiff, tan, silty CLAY, saprolite structure
30						Bottom of borehole at 30.0 feet.

BORING DIAGRAM

DEPTH (ft) 0 5 10 15 20 25 30

DRILLING CONTRACTOR: SAEDACCO
DRILL RIG/ METHOD: Geoprobe 8140LS / Roto Sonic
SAMPLING METHOD: Sonic core barrel
LOGGED BY: JAA
DRAWN BY:

BORING STARTED: 6/12/13
BORING COMPLETED: 6/12/13
TOTAL DEPTH: 30 ft.
TOP OF CASING ELEV:
DEPTH TO WATER:

Remarks:

Hand auger to 5 feet. Soil sample collected from 0 to 1 ft bgs, 5 to 6 ft bgs, 10 to 11 ft bgs, 15 to 16 ft bgs, 20 to 21 ft bgs, and 25 to 26 bgs.

BORING LOG - HART HICKMAN.GDT - 6/26/13 14:24 - S:\AAA-MASTER GINT PROJECTS\ROW-415.GPJ

Photograph 1. Soil boring RS-7

Photograph 2. Soil boring RS-8

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NCDOT ASPHALT TESTING FACILITY
PITTSBORO, NORTH CAROLINA

Photograph 3. Soil boring RS-9

Photograph 4. Soil boring RS-10

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Photograph 5. Soil boring RS-11

Photograph 6. Soil boring RS-12

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Photograph 7. Soil boring RS-13

Photograph 8. Soil boring RS-14

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Photograph 9. Soil boring RS-15

Photograph 10. Soil boring RS-16

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Photograph 11. Soil boring RS-17

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Appendix B

Laboratory Analytical Data Reports

Pace Analytical Services, Inc.
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Asheville, NC 28804
(828)254-7176

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9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

July 02, 2013

Chemical Testing Engineer
NCDOT
Materials & Tests Unit
1801 Blue Ridge Road
Raleigh, NC 27607

RE: Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Dear Chemical Engineer:
Enclosed are the analytical results for sample(s) received by the laboratory on June 12, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Godwin

kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Jeff Albano, Hart & Hickman

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(704)875-9092

CERTIFICATIONS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

Pace Analytical
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SAMPLE SUMMARY

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92161315001	**RS-7-5-6**	Solid	06/11/13 10:00	06/12/13 14:45
92161315002	**RS-7-15-16**	Solid	06/11/13 10:35	06/12/13 14:45
92161315003	**RS-7-25-26**	Solid	06/11/13 10:52	06/12/13 14:45
92161315004	**RS-8-5-6**	Solid	06/11/13 11:30	06/12/13 14:45
92161315005	**RS-8-15-16**	Solid	06/11/13 11:40	06/12/13 14:45
92161315006	**RS-8-29-30**	Solid	06/11/13 12:05	06/12/13 14:45
92161315007	**RS-9-5-6**	Solid	06/11/13 13:18	06/12/13 14:45
92161315008	**RS-9-15-16**	Solid	06/11/13 13:25	06/12/13 14:45
92161315009	**RS-9-25-26**	Solid	06/11/13 13:40	06/12/13 14:45
92161315010	**RS-10-5-6**	Solid	06/11/13 14:30	06/12/13 14:45
92161315011	**RS-10-15-16**	Solid	06/11/13 14:45	06/12/13 14:45
92161315012	**RS-10-25-26**	Solid	06/11/13 15:00	06/12/13 14:45
92161315013	**RS-11-5-6**	Solid	06/11/13 16:03	06/12/13 14:45
92161315014	**RS-11-15-16**	Solid	06/11/13 16:25	06/12/13 14:45
92161315015	**RS-11-25-26**	Solid	06/11/13 17:00	06/12/13 14:45
92161315016	**RS-12-5-6**	Solid	06/11/13 17:15	06/12/13 14:45
92161315017	**RS-12-15-16**	Solid	06/11/13 17:25	06/12/13 14:45
92161315018	**RS-12-25-26**	Solid	06/11/13 18:00	06/12/13 14:45
92161315019	**RS-13-5-6**	Solid	06/12/13 08:05	06/12/13 14:45
92161315020	**RS-13-15-16**	Solid	06/12/13 08:15	06/12/13 14:45
92161315021	**RS-13-25-26**	Solid	06/12/13 08:45	06/12/13 14:45
92161315022	**RS-14-0-1**	Solid	06/12/13 09:05	06/12/13 14:45
92161315023	**RS-15-0-1**	Solid	06/12/13 09:40	06/12/13 14:45
92161315024	**RS-14-5-6**	Solid	06/12/13 10:25	06/12/13 14:45
92161315025	**RS-14-10-11**	Solid	06/12/13 10:30	06/12/13 14:45
92161315026	**RS-14-15-16**	Solid	06/12/13 10:40	06/12/13 14:45
92161315027	**RS-14-25-26**	Solid	06/12/13 11:00	06/12/13 14:45
92161315028	**SPIGOT**	Water	06/12/13 10:20	06/12/13 14:45
92161315029	**RS-14-20-21**	Solid	06/12/13 10:50	06/12/13 14:45

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SAMPLE ANALYTE COUNT

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92161315001	**RS-7-5-6**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315002	**RS-7-15-16**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315003	**RS-7-25-26**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315004	**RS-8-5-6**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315005	**RS-8-15-16**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315006	**RS-8-29-30**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315007	**RS-9-5-6**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315008	**RS-9-15-16**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315009	**RS-9-25-26**	EPA 8260	MCK	71	PASI-C
		EPA 8260	CAH	15	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92161315010	**RS-10-5-6**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315011	**RS-10-15-16**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	15	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315012	**RS-10-25-26**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315013	**RS-11-5-6**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315014	**RS-11-15-16**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315015	**RS-11-25-26**	EPA 8260	MCK	71	PASI-C
		EPA 8260	CAH	15	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315016	**RS-12-5-6**	EPA 8260	MCK	71	PASI-C
		EPA 8260	CAH	15	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315017	**RS-12-15-16**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315018	**RS-12-25-26**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C

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SAMPLE ANALYTE COUNT

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315019	**RS-13-5-6**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315020	**RS-13-15-16**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	JEA	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315021	**RS-13-25-26**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315022	**RS-14-0-1**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315023	**RS-15-0-1**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315024	**RS-14-5-6**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315025	**RS-14-10-11**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315026	**RS-14-15-16**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161315027	**RS-14-25-26**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C

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SAMPLE ANALYTE COUNT

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	HKV	1	PASI-G
92161315028	**SPIGOT**	EPA 8260	MCK	71	PASI-C
92161315029	**RS-14-20-21**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G

REPORT OF LABORATORY ANALYSIS

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Method: **EPA 8260**
Description: 8260 MSV SPLP
Client: NCDOT East Central
Date: July 02, 2013

General Information:
28 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/23355

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- LCS (Lab ID: 995555)
  - Bromomethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MSV/23355

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- RS-10-25-26 (Lab ID: 92161315012)
  - Acetone
- RS-11-15-16 (Lab ID: 92161315014)
  - Acetone
- RS-13-15-16 (Lab ID: 92161315020)
  - Acetone

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Method: **EPA 8260**
Description: 8260 MSV SPLP
Client: NCDOT East Central
Date: July 02, 2013

Analyte Comments:

QC Batch: MSV/23355

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.

- RS-7-15-16 (Lab ID: 92161315002)
  - Acetone
- RS-7-25-26 (Lab ID: 92161315003)
  - Acetone

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Method: **EPA 8260**
Description: 8260 MSV TCLP
Client: NCDOT East Central
Date: July 02, 2013

General Information:
4 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MSV/23442

P8: Analyte was detected in the method blank. All associated samples had concentrations of at least ten times greater than the blank or were below the reporting limit.

- BLANK (Lab ID: 999650)
  - 2-Butanone (MEK)

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: NCDOT East Central
Date: July 02, 2013

General Information:
1 sample was analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/23331

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 994117)
  - Dichlorodifluoromethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Method: **EPA 8260**
Description: 8260/5035A Volatile Organics
Client: NCDOT East Central
Date: July 02, 2013

General Information:
28 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/23320

S2: Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

- RS-12-15-16 (Lab ID: 92161315017)
  - Toluene-d8 (S)
- RS-13-25-26 (Lab ID: 92161315021)
  - 1,2-Dichloroethane-d4 (S)
- RS-15-0-1 (Lab ID: 92161315023)
  - 1,2-Dichloroethane-d4 (S)
  - Dibromofluoromethane (S)

QC Batch: MSV/23324

S2: Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

- RS-13-5-6 (Lab ID: 92161315019)
  - 1,2-Dichloroethane-d4 (S)
  - Dibromofluoromethane (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Method: **EPA 8260**
Description: 8260/5035A Volatile Organics
Client: NCDOT East Central
Date: July 02, 2013

QC Batch: MSV/23319

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92161315002

M0: Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.

- MS (Lab ID: 993397)
  - Trichloroethene

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

QC Batch: MSV/23324

R1: RPD value was outside control limits.

- DUP (Lab ID: 993995)
  - Trichloroethene

Additional Comments:

Analyte Comments:

QC Batch: MSV/23319

C9: Common Laboratory Contaminant.

- RS-10-5-6 (Lab ID: 92161315010)
  - Methylene Chloride
- RS-7-15-16 (Lab ID: 92161315002)
  - Methylene Chloride

QC Batch: MSV/23320

1g: The internal standard response is below criteria. No hits associated with this internal standard. Results unaffected by high bias.

- DUP (Lab ID: 993632)
  - Dichlorodifluoromethane

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- RS-12-15-16 (Lab ID: 92161315017)
  - 1,1-Dichloroethene
  - 1,1,1-Trichloroethane
  - 1,1,2-Trichloroethane

QC Batch: MSV/23324

1g: The internal standard response is below criteria. No hits associated with this internal standard. Results unaffected by high bias.

- RS-14-0-1 (Lab ID: 92161315022)
  - Dichlorodifluoromethane

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- MS (Lab ID: 993996)
  - Trichloroethene

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Method: **ASTM D2974-87**
Description: Fractional Organic Carbon
Client: NCDOT East Central
Date: July 02, 2013

General Information:
28 samples were analyzed for ASTM D2974-87. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-5-6 **Lab ID: 92161315001** Collected: 06/11/13 10:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	ND	ug/L	25.0	10.0	1		06/20/13 21:47	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/20/13 21:47	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/20/13 21:47	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/20/13 21:47	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/20/13 21:47	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/20/13 21:47	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/20/13 21:47	74-83-9	
2-Butanone (MEK)	**26.9**	ug/L	5.0	0.96	1		06/20/13 21:47	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/20/13 21:47	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/20/13 21:47	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/20/13 21:47	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/20/13 21:47	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/20/13 21:47	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/20/13 21:47	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/20/13 21:47	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/20/13 21:47	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/20/13 21:47	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/20/13 21:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/20/13 21:47	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/20/13 21:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/20/13 21:47	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/20/13 21:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/20/13 21:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/20/13 21:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/13 21:47	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/20/13 21:47	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/20/13 21:47	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/20/13 21:47	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/20/13 21:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/20/13 21:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/20/13 21:47	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/20/13 21:47	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/20/13 21:47	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/20/13 21:47	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/20/13 21:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/20/13 21:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/20/13 21:47	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/20/13 21:47	108-20-3	
Ethylbenzene	**6.4**	ug/L	1.0	0.30	1		06/20/13 21:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/20/13 21:47	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/20/13 21:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/20/13 21:47	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/20/13 21:47	99-87-6	
Methylene Chloride	**1.2J**	ug/L	2.0	0.97	1		06/20/13 21:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	**148**	ug/L	5.0	0.33	1		06/20/13 21:47	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-5-6 **Lab ID: 92161315001** Collected: 06/11/13 10:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/20/13 21:47	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/20/13 21:47	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/20/13 21:47	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/20/13 21:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/20/13 21:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/20/13 21:47	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/20/13 21:47	127-18-4	
Toluene	**6.0**	ug/L	1.0	0.26	1		06/20/13 21:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/13 21:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/20/13 21:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/20/13 21:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/20/13 21:47	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/20/13 21:47	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/20/13 21:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/20/13 21:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/20/13 21:47	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/20/13 21:47	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/20/13 21:47	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/20/13 21:47	75-01-4	
Xylene (Total)	**47.4**	ug/L	2.0	0.66	1		06/20/13 21:47	1330-20-7	
m&p-Xylene	**33.3**	ug/L	2.0	0.66	1		06/20/13 21:47	179601-23-1	
o-Xylene	**14.0**	ug/L	1.0	0.23	1		06/20/13 21:47	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%			1		06/20/13 21:47	17060-07-0	
Toluene-d8 (S)	103	%			1		06/20/13 21:47	2037-26-5	
4-Bromofluorobenzene (S)	101	%			1		06/20/13 21:47	460-00-4	
Dibromofluoromethane (S)	106	%			1		06/20/13 21:47	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	114	11.4	1		06/14/13 14:47	67-64-1	
Benzene	ND	ug/kg	5.7	1.8	1		06/14/13 14:47	71-43-2	
Bromobenzene	ND	ug/kg	5.7	2.3	1		06/14/13 14:47	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	1.9	1		06/14/13 14:47	74-97-5	
Bromodichloromethane	ND	ug/kg	5.7	2.2	1		06/14/13 14:47	75-27-4	
Bromoform	ND	ug/kg	5.7	2.6	1		06/14/13 14:47	75-25-2	
Bromomethane	ND	ug/kg	11.4	2.9	1		06/14/13 14:47	74-83-9	
2-Butanone (MEK)	ND	ug/kg	114	3.3	1		06/14/13 14:47	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	2.1	1		06/14/13 14:47	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	1.8	1		06/14/13 14:47	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	2.3	1		06/14/13 14:47	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.7	3.0	1		06/14/13 14:47	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	2.2	1		06/14/13 14:47	108-90-7	
Chloroethane	ND	ug/kg	11.4	2.7	1		06/14/13 14:47	75-00-3	
Chloroform	**4.0J**	ug/kg	5.7	1.8	1		06/14/13 14:47	67-66-3	
Chloromethane	ND	ug/kg	11.4	2.7	1		06/14/13 14:47	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-5-6 **Lab ID: 92161315001** Collected: 06/11/13 10:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.7	1.9	1		06/14/13 14:47	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.7	2.1	1		06/14/13 14:47	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	4.1	1		06/14/13 14:47	96-12-8	
Dibromochloromethane	ND	ug/kg	5.7	2.1	1		06/14/13 14:47	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	2.1	1		06/14/13 14:47	106-93-4	
Dibromomethane	ND	ug/kg	5.7	2.9	1		06/14/13 14:47	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.7	2.2	1		06/14/13 14:47	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	2.3	1		06/14/13 14:47	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1.9	1		06/14/13 14:47	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.4	4.1	1		06/14/13 14:47	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	1.7	1		06/14/13 14:47	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	2.5	1		06/14/13 14:47	107-06-2	
1,1-Dichloroethene	**3.7J**	ug/kg	5.7	2.1	1		06/14/13 14:47	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1.6	1		06/14/13 14:47	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	2.2	1		06/14/13 14:47	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1.9	1		06/14/13 14:47	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.7	2.2	1		06/14/13 14:47	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.7	1.9	1		06/14/13 14:47	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.7	1.7	1		06/14/13 14:47	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	2.1	1		06/14/13 14:47	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1.7	1		06/14/13 14:47	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.7	1.9	1		06/14/13 14:47	108-20-3	
Ethylbenzene	ND	ug/kg	5.7	2.1	1		06/14/13 14:47	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.7	2.3	1		06/14/13 14:47	87-68-3	
2-Hexanone	ND	ug/kg	57.2	4.5	1		06/14/13 14:47	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	2.2	1		06/14/13 14:47	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.7	1.9	1		06/14/13 14:47	99-87-6	
Methylene Chloride	ND	ug/kg	22.9	3.4	1		06/14/13 14:47	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	57.2	4.2	1		06/14/13 14:47	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1.7	1		06/14/13 14:47	1634-04-4	
Naphthalene	ND	ug/kg	5.7	1.4	1		06/14/13 14:47	91-20-3	
n-Propylbenzene	ND	ug/kg	5.7	1.9	1		06/14/13 14:47	103-65-1	
Styrene	ND	ug/kg	5.7	2.1	1		06/14/13 14:47	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	2.4	1		06/14/13 14:47	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	2.2	1		06/14/13 14:47	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1.9	1		06/14/13 14:47	127-18-4	
Toluene	ND	ug/kg	5.7	2.1	1		06/14/13 14:47	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	2.5	1		06/14/13 14:47	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	1.8	1		06/14/13 14:47	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	2.1	1		06/14/13 14:47	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	2.4	1		06/14/13 14:47	79-00-5	
Trichloroethene	**38.0**	ug/kg	5.7	2.4	1		06/14/13 14:47	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.7	2.5	1		06/14/13 14:47	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.7	1.8	1		06/14/13 14:47	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	2.3	1		06/14/13 14:47	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-5-6 **Lab ID: 92161315001** Collected: 06/11/13 10:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	2.1	1		06/14/13 14:47	108-67-8	
Vinyl acetate	ND	ug/kg	57.2	10.1	1		06/14/13 14:47	108-05-4	
Vinyl chloride	ND	ug/kg	11.4	2.1	1		06/14/13 14:47	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	4.1	1		06/14/13 14:47	1330-20-7	
m&p-Xylene	ND	ug/kg	11.4	4.1	1		06/14/13 14:47	179601-23-1	
o-Xylene	ND	ug/kg	5.7	2.2	1		06/14/13 14:47	95-47-6	
Surrogates									
Dibromofluoromethane (S)	89	%	70-130		1		06/14/13 14:47	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/14/13 14:47	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		06/14/13 14:47	460-00-4	
1,2-Dichloroethane-d4 (S)	86	%	70-132		1		06/14/13 14:47	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**27.5**	%	0.10	0.10	1		06/19/13 08:52		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.6**	% (w/w)	0.058	0.058	1		06/14/13 16:48		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-15-16 **Lab ID: 92161315002** Collected: 06/11/13 10:35 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	ND	ug/L	125	50.0	5		06/20/13 22:04	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/20/13 22:04	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/20/13 22:04	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/20/13 22:04	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/20/13 22:04	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/20/13 22:04	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/20/13 22:04	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/20/13 22:04	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/20/13 22:04	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/20/13 22:04	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/20/13 22:04	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/20/13 22:04	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/20/13 22:04	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/20/13 22:04	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/20/13 22:04	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/20/13 22:04	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/20/13 22:04	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/20/13 22:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/20/13 22:04	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/20/13 22:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/20/13 22:04	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/20/13 22:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/20/13 22:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/20/13 22:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/20/13 22:04	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/20/13 22:04	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/20/13 22:04	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/20/13 22:04	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/20/13 22:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/20/13 22:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/20/13 22:04	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/20/13 22:04	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/20/13 22:04	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/20/13 22:04	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/20/13 22:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/20/13 22:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/20/13 22:04	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/20/13 22:04	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/20/13 22:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/20/13 22:04	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/20/13 22:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/20/13 22:04	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/20/13 22:04	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/20/13 22:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	**14.7J**	ug/L	25.0	1.6	5		06/20/13 22:04	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-15-16 **Lab ID: 92161315002** Collected: 06/11/13 10:35 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/20/13 22:04	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/20/13 22:04	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/20/13 22:04	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/20/13 22:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/20/13 22:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/20/13 22:04	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/20/13 22:04	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/20/13 22:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/20/13 22:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/20/13 22:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/20/13 22:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/20/13 22:04	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/20/13 22:04	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/20/13 22:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/20/13 22:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/20/13 22:04	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/20/13 22:04	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/20/13 22:04	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/20/13 22:04	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/20/13 22:04	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/20/13 22:04	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/20/13 22:04	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%			5		06/20/13 22:04	17060-07-0	
Toluene-d8 (S)	101	%			5		06/20/13 22:04	2037-26-5	
4-Bromofluorobenzene (S)	106	%			5		06/20/13 22:04	460-00-4	
Dibromofluoromethane (S)	108	%			5		06/20/13 22:04	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**19.0J**	ug/kg	160	16.0	1		06/14/13 15:06	67-64-1	
Benzene	ND	ug/kg	8.0	2.6	1		06/14/13 15:06	71-43-2	
Bromobenzene	ND	ug/kg	8.0	3.2	1		06/14/13 15:06	108-86-1	
Bromochloromethane	ND	ug/kg	8.0	2.7	1		06/14/13 15:06	74-97-5	
Bromodichloromethane	ND	ug/kg	8.0	3.0	1		06/14/13 15:06	75-27-4	
Bromoform	ND	ug/kg	8.0	3.7	1		06/14/13 15:06	75-25-2	
Bromomethane	ND	ug/kg	16.0	4.0	1		06/14/13 15:06	74-83-9	
2-Butanone (MEK)	ND	ug/kg	160	4.6	1		06/14/13 15:06	78-93-3	
n-Butylbenzene	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.0	2.6	1		06/14/13 15:06	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.0	3.2	1		06/14/13 15:06	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.0	4.2	1		06/14/13 15:06	56-23-5	
Chlorobenzene	ND	ug/kg	8.0	3.0	1		06/14/13 15:06	108-90-7	
Chloroethane	ND	ug/kg	16.0	3.8	1		06/14/13 15:06	75-00-3	
Chloroform	ND	ug/kg	8.0	2.6	1		06/14/13 15:06	67-66-3	
Chloromethane	ND	ug/kg	16.0	3.8	1		06/14/13 15:06	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-15-16 **Lab ID: 92161315002** Collected: 06/11/13 10:35 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	8.0	2.7	1		06/14/13 15:06	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.0	5.8	1		06/14/13 15:06	96-12-8	
Dibromochloromethane	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	106-93-4	
Dibromomethane	ND	ug/kg	8.0	4.0	1		06/14/13 15:06	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.0	3.0	1		06/14/13 15:06	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.0	3.2	1		06/14/13 15:06	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.0	2.7	1		06/14/13 15:06	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.0	5.8	1		06/14/13 15:06	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.0	2.4	1		06/14/13 15:06	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.0	3.5	1		06/14/13 15:06	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.0	2.2	1		06/14/13 15:06	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.0	3.0	1		06/14/13 15:06	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.0	2.7	1		06/14/13 15:06	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.0	3.0	1		06/14/13 15:06	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.0	2.7	1		06/14/13 15:06	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.0	2.4	1		06/14/13 15:06	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.0	2.4	1		06/14/13 15:06	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.0	2.7	1		06/14/13 15:06	108-20-3	
Ethylbenzene	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.0	3.2	1		06/14/13 15:06	87-68-3	
2-Hexanone	ND	ug/kg	79.9	6.2	1		06/14/13 15:06	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.0	3.0	1		06/14/13 15:06	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.0	2.7	1		06/14/13 15:06	99-87-6	
Methylene Chloride	**40.7**	ug/kg	32.0	4.8	1		06/14/13 15:06	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	79.9	5.9	1		06/14/13 15:06	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.0	2.4	1		06/14/13 15:06	1634-04-4	
Naphthalene	ND	ug/kg	8.0	1.9	1		06/14/13 15:06	91-20-3	
n-Propylbenzene	ND	ug/kg	8.0	2.7	1		06/14/13 15:06	103-65-1	
Styrene	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.0	3.4	1		06/14/13 15:06	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.0	3.0	1		06/14/13 15:06	79-34-5	
Tetrachloroethene	ND	ug/kg	8.0	2.7	1		06/14/13 15:06	127-18-4	
Toluene	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.0	3.5	1		06/14/13 15:06	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.0	2.6	1		06/14/13 15:06	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.0	3.4	1		06/14/13 15:06	79-00-5	
Trichloroethene	**7.8J**	ug/kg	8.0	3.4	1		06/14/13 15:06	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.0	3.5	1		06/14/13 15:06	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.0	2.6	1		06/14/13 15:06	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.0	3.2	1		06/14/13 15:06	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-15-16 **Lab ID: 92161315002** Collected: 06/11/13 10:35 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	8.0	2.9	1		06/14/13 15:06	108-67-8	
Vinyl acetate	ND	ug/kg	79.9	14.1	1		06/14/13 15:06	108-05-4	
Vinyl chloride	ND	ug/kg	16.0	2.9	1		06/14/13 15:06	75-01-4	
Xylene (Total)	ND	ug/kg	16.0	5.8	1		06/14/13 15:06	1330-20-7	
m&p-Xylene	ND	ug/kg	16.0	5.8	1		06/14/13 15:06	179601-23-1	
o-Xylene	ND	ug/kg	8.0	3.0	1		06/14/13 15:06	95-47-6	
Surrogates									
Dibromofluoromethane (S)	95	%	70-130		1		06/14/13 15:06	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/14/13 15:06	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		06/14/13 15:06	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-132		1		06/14/13 15:06	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.0**	%	0.10	0.10	1		06/19/13 08:52		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.3**	% (w/w)	0.058	0.058	1		06/14/13 16:51		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-25-26 **Lab ID: 92161315003** Collected: 06/11/13 10:52 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	ND	ug/L	125	50.0	5		06/20/13 22:19	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/20/13 22:19	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/20/13 22:19	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/20/13 22:19	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/20/13 22:19	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/20/13 22:19	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/20/13 22:19	74-83-9	
2-Butanone (MEK)	**23.6J**	ug/L	25.0	4.8	5		06/20/13 22:19	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/20/13 22:19	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/20/13 22:19	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/20/13 22:19	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/20/13 22:19	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/20/13 22:19	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/20/13 22:19	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/20/13 22:19	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/20/13 22:19	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/20/13 22:19	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/20/13 22:19	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/20/13 22:19	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/20/13 22:19	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/20/13 22:19	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/20/13 22:19	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/20/13 22:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/20/13 22:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/20/13 22:19	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/20/13 22:19	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/20/13 22:19	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/20/13 22:19	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/20/13 22:19	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/20/13 22:19	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/20/13 22:19	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/20/13 22:19	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/20/13 22:19	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/20/13 22:19	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/20/13 22:19	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/20/13 22:19	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/20/13 22:19	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/20/13 22:19	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/20/13 22:19	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/20/13 22:19	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/20/13 22:19	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/20/13 22:19	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/20/13 22:19	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/20/13 22:19	75-09-2	
4-Methyl-2-pentanone (MIBK)	**183**	ug/L	25.0	1.6	5		06/20/13 22:19	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-25-26 **Lab ID: 92161315003** Collected: 06/11/13 10:52 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/20/13 22:19	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/20/13 22:19	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/20/13 22:19	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/20/13 22:19	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/20/13 22:19	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/20/13 22:19	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/20/13 22:19	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/20/13 22:19	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/20/13 22:19	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/20/13 22:19	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/20/13 22:19	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/20/13 22:19	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/20/13 22:19	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/20/13 22:19	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/20/13 22:19	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/20/13 22:19	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/20/13 22:19	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/20/13 22:19	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/20/13 22:19	75-01-4	
Xylene (Total)	**24.5**	ug/L	10.0	3.3	5		06/20/13 22:19	1330-20-7	
m&p-Xylene	**16.2**	ug/L	10.0	3.3	5		06/20/13 22:19	179601-23-1	
o-Xylene	**8.3**	ug/L	5.0	1.2	5		06/20/13 22:19	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%			5		06/20/13 22:19	17060-07-0	
Toluene-d8 (S)	104	%			5		06/20/13 22:19	2037-26-5	
4-Bromofluorobenzene (S)	107	%			5		06/20/13 22:19	460-00-4	
Dibromofluoromethane (S)	103	%			5		06/20/13 22:19	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	83.7	8.4	1		06/14/13 15:25	67-64-1	
Benzene	ND	ug/kg	4.2	1.3	1		06/14/13 15:25	71-43-2	
Bromobenzene	ND	ug/kg	4.2	1.7	1		06/14/13 15:25	108-86-1	
Bromochloromethane	ND	ug/kg	4.2	1.4	1		06/14/13 15:25	74-97-5	
Bromodichloromethane	ND	ug/kg	4.2	1.6	1		06/14/13 15:25	75-27-4	
Bromoform	ND	ug/kg	4.2	1.9	1		06/14/13 15:25	75-25-2	
Bromomethane	ND	ug/kg	8.4	2.1	1		06/14/13 15:25	74-83-9	
2-Butanone (MEK)	ND	ug/kg	83.7	2.4	1		06/14/13 15:25	78-93-3	
n-Butylbenzene	ND	ug/kg	4.2	1.5	1		06/14/13 15:25	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.2	1.3	1		06/14/13 15:25	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.2	1.7	1		06/14/13 15:25	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.2	2.2	1		06/14/13 15:25	56-23-5	
Chlorobenzene	ND	ug/kg	4.2	1.6	1		06/14/13 15:25	108-90-7	
Chloroethane	ND	ug/kg	8.4	2.0	1		06/14/13 15:25	75-00-3	
Chloroform	ND	ug/kg	4.2	1.3	1		06/14/13 15:25	67-66-3	
Chloromethane	ND	ug/kg	8.4	2.0	1		06/14/13 15:25	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-25-26 **Lab ID: 92161315003** Collected: 06/11/13 10:52 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.2	1.4	1		06/14/13 15:25	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.2	1.5	1		06/14/13 15:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.2	3.0	1		06/14/13 15:25	96-12-8	
Dibromochloromethane	ND	ug/kg	4.2	1.5	1		06/14/13 15:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.2	1.5	1		06/14/13 15:25	106-93-4	
Dibromomethane	ND	ug/kg	4.2	2.1	1		06/14/13 15:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.2	1.6	1		06/14/13 15:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.2	1.7	1		06/14/13 15:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.2	1.4	1		06/14/13 15:25	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.4	3.0	1		06/14/13 15:25	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.2	1.3	1		06/14/13 15:25	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.2	1.8	1		06/14/13 15:25	107-06-2	
1,1-Dichloroethene	**9.2**	ug/kg	4.2	1.5	1		06/14/13 15:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.2	1.2	1		06/14/13 15:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.2	1.6	1		06/14/13 15:25	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.2	1.4	1		06/14/13 15:25	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.2	1.6	1		06/14/13 15:25	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.2	1.4	1		06/14/13 15:25	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.2	1.3	1		06/14/13 15:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.2	1.5	1		06/14/13 15:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.2	1.3	1		06/14/13 15:25	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.2	1.4	1		06/14/13 15:25	108-20-3	
Ethylbenzene	ND	ug/kg	4.2	1.5	1		06/14/13 15:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.2	1.7	1		06/14/13 15:25	87-68-3	
2-Hexanone	ND	ug/kg	41.9	3.3	1		06/14/13 15:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.2	1.6	1		06/14/13 15:25	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.2	1.4	1		06/14/13 15:25	99-87-6	
Methylene Chloride	ND	ug/kg	16.7	2.5	1		06/14/13 15:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	41.9	3.1	1		06/14/13 15:25	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.2	1.3	1		06/14/13 15:25	1634-04-4	
Naphthalene	ND	ug/kg	4.2	1.0	1		06/14/13 15:25	91-20-3	
n-Propylbenzene	ND	ug/kg	4.2	1.4	1		06/14/13 15:25	103-65-1	
Styrene	ND	ug/kg	4.2	1.5	1		06/14/13 15:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.2	1.8	1		06/14/13 15:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.2	1.6	1		06/14/13 15:25	79-34-5	
Tetrachloroethene	ND	ug/kg	4.2	1.4	1		06/14/13 15:25	127-18-4	
Toluene	ND	ug/kg	4.2	1.5	1		06/14/13 15:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.2	1.8	1		06/14/13 15:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.2	1.3	1		06/14/13 15:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.2	1.5	1		06/14/13 15:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.2	1.8	1		06/14/13 15:25	79-00-5	
Trichloroethene	**79.3**	ug/kg	4.2	1.8	1		06/14/13 15:25	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.2	1.8	1		06/14/13 15:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.2	1.3	1		06/14/13 15:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.2	1.7	1		06/14/13 15:25	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-7-25-26 **Lab ID: 92161315003** Collected: 06/11/13 10:52 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.2	1.5	1		06/14/13 15:25	108-67-8	
Vinyl acetate	ND	ug/kg	41.9	7.4	1		06/14/13 15:25	108-05-4	
Vinyl chloride	ND	ug/kg	8.4	1.5	1		06/14/13 15:25	75-01-4	
Xylene (Total)	ND	ug/kg	8.4	3.0	1		06/14/13 15:25	1330-20-7	
m&p-Xylene	ND	ug/kg	8.4	3.0	1		06/14/13 15:25	179601-23-1	
o-Xylene	ND	ug/kg	4.2	1.6	1		06/14/13 15:25	95-47-6	
Surrogates									
Dibromofluoromethane (S)	98	%	70-130		1		06/14/13 15:25	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		06/14/13 15:25	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		06/14/13 15:25	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-132		1		06/14/13 15:25	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.5**	%	0.10	0.10	1		06/19/13 08:52		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.0**	% (w/w)	0.058	0.058	1		06/14/13 16:54		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-5-6 **Lab ID: 92161315004** Collected: 06/11/13 11:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	ND	ug/L	25.0	10.0	1		06/20/13 22:35	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/20/13 22:35	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/20/13 22:35	108-86-1	
Bromochloromethane	**6.9**	ug/L	1.0	0.17	1		06/20/13 22:35	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/20/13 22:35	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/20/13 22:35	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/20/13 22:35	74-83-9	
2-Butanone (MEK)	**51.5**	ug/L	5.0	0.96	1		06/20/13 22:35	78-93-3	
n-Butylbenzene	**1.1**	ug/L	1.0	0.41	1		06/20/13 22:35	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/20/13 22:35	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/20/13 22:35	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/20/13 22:35	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/20/13 22:35	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/20/13 22:35	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/20/13 22:35	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/20/13 22:35	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/20/13 22:35	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/20/13 22:35	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/20/13 22:35	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/20/13 22:35	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/20/13 22:35	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/20/13 22:35	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/20/13 22:35	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/20/13 22:35	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/13 22:35	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/20/13 22:35	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/20/13 22:35	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/20/13 22:35	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/20/13 22:35	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/20/13 22:35	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/20/13 22:35	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/20/13 22:35	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/20/13 22:35	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/20/13 22:35	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/20/13 22:35	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/20/13 22:35	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/20/13 22:35	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/20/13 22:35	108-20-3	
Ethylbenzene	**1.7**	ug/L	1.0	0.30	1		06/20/13 22:35	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/20/13 22:35	87-68-3	
2-Hexanone	**18.4**	ug/L	5.0	0.46	1		06/20/13 22:35	591-78-6	
Isopropylbenzene (Cumene)	**1.4**	ug/L	1.0	0.40	1		06/20/13 22:35	98-82-8	
p-Isopropyltoluene	**2.7**	ug/L	1.0	0.31	1		06/20/13 22:35	99-87-6	
Methylene Chloride	**5490**	ug/L	200	97.0	100		06/22/13 05:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	**30.9**	ug/L	5.0	0.33	1		06/20/13 22:35	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-5-6 **Lab ID: 92161315004** Collected: 06/11/13 11:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/20/13 22:35	1634-04-4	
Naphthalene	**1.4**	ug/L	1.0	0.24	1		06/20/13 22:35	91-20-3	
n-Propylbenzene	**6.7**	ug/L	1.0	0.42	1		06/20/13 22:35	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/20/13 22:35	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/20/13 22:35	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/20/13 22:35	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/20/13 22:35	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/20/13 22:35	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/13 22:35	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/20/13 22:35	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/20/13 22:35	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/20/13 22:35	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/20/13 22:35	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/20/13 22:35	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/20/13 22:35	96-18-4	
1,2,4-Trimethylbenzene	**57.9**	ug/L	1.0	0.31	1		06/20/13 22:35	95-63-6	
1,3,5-Trimethylbenzene	**13.8**	ug/L	1.0	0.36	1		06/20/13 22:35	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/20/13 22:35	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/20/13 22:35	75-01-4	
Xylene (Total)	**18.3**	ug/L	2.0	0.66	1		06/20/13 22:35	1330-20-7	
m&p-Xylene	**11.2**	ug/L	2.0	0.66	1		06/20/13 22:35	179601-23-1	
o-Xylene	**7.1**	ug/L	1.0	0.23	1		06/20/13 22:35	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%			1		06/20/13 22:35	17060-07-0	
Toluene-d8 (S)	104	%			1		06/20/13 22:35	2037-26-5	
4-Bromofluorobenzene (S)	104	%			1		06/20/13 22:35	460-00-4	
Dibromofluoromethane (S)	108	%			1		06/20/13 22:35	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**14.5J**	ug/kg	121	12.1	1		06/14/13 15:44	67-64-1	
Benzene	ND	ug/kg	6.0	1.9	1		06/14/13 15:44	71-43-2	
Bromobenzene	ND	ug/kg	6.0	2.4	1		06/14/13 15:44	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	2.0	1		06/14/13 15:44	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	2.3	1		06/14/13 15:44	75-27-4	
Bromoform	ND	ug/kg	6.0	2.8	1		06/14/13 15:44	75-25-2	
Bromomethane	ND	ug/kg	12.1	3.0	1		06/14/13 15:44	74-83-9	
2-Butanone (MEK)	ND	ug/kg	121	3.5	1		06/14/13 15:44	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	2.2	1		06/14/13 15:44	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1.9	1		06/14/13 15:44	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	2.4	1		06/14/13 15:44	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.0	3.1	1		06/14/13 15:44	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	2.3	1		06/14/13 15:44	108-90-7	
Chloroethane	ND	ug/kg	12.1	2.9	1		06/14/13 15:44	75-00-3	
Chloroform	ND	ug/kg	6.0	1.9	1		06/14/13 15:44	67-66-3	
Chloromethane	ND	ug/kg	12.1	2.9	1		06/14/13 15:44	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-5-6 **Lab ID: 92161315004** Collected: 06/11/13 11:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	6.0	2.0	1		06/14/13 15:44	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	2.2	1		06/14/13 15:44	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	4.3	1		06/14/13 15:44	96-12-8	
Dibromochloromethane	ND	ug/kg	6.0	2.2	1		06/14/13 15:44	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	2.2	1		06/14/13 15:44	106-93-4	
Dibromomethane	ND	ug/kg	6.0	3.0	1		06/14/13 15:44	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	2.3	1		06/14/13 15:44	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	2.4	1		06/14/13 15:44	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	2.0	1		06/14/13 15:44	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.1	4.3	1		06/14/13 15:44	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1.8	1		06/14/13 15:44	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	2.7	1		06/14/13 15:44	107-06-2	
1,1-Dichloroethene	**2.3J**	ug/kg	6.0	2.2	1		06/14/13 15:44	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1.7	1		06/14/13 15:44	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.0	2.3	1		06/14/13 15:44	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	2.0	1		06/14/13 15:44	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	2.3	1		06/14/13 15:44	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	2.0	1		06/14/13 15:44	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1.8	1		06/14/13 15:44	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	2.2	1		06/14/13 15:44	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1.8	1		06/14/13 15:44	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.0	2.0	1		06/14/13 15:44	108-20-3	
Ethylbenzene	ND	ug/kg	6.0	2.2	1		06/14/13 15:44	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	2.4	1		06/14/13 15:44	87-68-3	
2-Hexanone	ND	ug/kg	60.3	4.7	1		06/14/13 15:44	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	2.3	1		06/14/13 15:44	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	2.0	1		06/14/13 15:44	99-87-6	
Methylene Chloride	ND	ug/kg	24.1	3.6	1		06/14/13 15:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.3	4.5	1		06/14/13 15:44	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1.8	1		06/14/13 15:44	1634-04-4	
Naphthalene	ND	ug/kg	6.0	1.4	1		06/14/13 15:44	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	2.0	1		06/14/13 15:44	103-65-1	
Styrene	ND	ug/kg	6.0	2.2	1		06/14/13 15:44	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	2.5	1		06/14/13 15:44	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	2.3	1		06/14/13 15:44	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	2.0	1		06/14/13 15:44	127-18-4	
Toluene	ND	ug/kg	6.0	2.2	1		06/14/13 15:44	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	2.7	1		06/14/13 15:44	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1.9	1		06/14/13 15:44	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	2.2	1		06/14/13 15:44	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	2.5	1		06/14/13 15:44	79-00-5	
Trichloroethene	**55.7**	ug/kg	6.0	2.5	1		06/14/13 15:44	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	2.7	1		06/14/13 15:44	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1.9	1		06/14/13 15:44	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	2.4	1		06/14/13 15:44	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-5-6 **Lab ID: 92161315004** Collected: 06/11/13 11:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	2.2	1		06/14/13 15:44	108-67-8	
Vinyl acetate	ND	ug/kg	60.3	10.6	1		06/14/13 15:44	108-05-4	
Vinyl chloride	ND	ug/kg	12.1	2.2	1		06/14/13 15:44	75-01-4	
Xylene (Total)	ND	ug/kg	12.1	4.3	1		06/14/13 15:44	1330-20-7	
m&p-Xylene	ND	ug/kg	12.1	4.3	1		06/14/13 15:44	179601-23-1	
o-Xylene	ND	ug/kg	6.0	2.3	1		06/14/13 15:44	95-47-6	
Surrogates									
Dibromofluoromethane (S)	101	%	70-130		1		06/14/13 15:44	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		06/14/13 15:44	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		06/14/13 15:44	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-132		1		06/14/13 15:44	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.9**	%	0.10	0.10	1		06/19/13 08:52		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.3**	% (w/w)	0.058	0.058	1		06/14/13 16:58		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-15-16 **Lab ID: 92161315005** Collected: 06/11/13 11:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	ND	ug/L	125	50.0	5		06/22/13 06:33	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 06:33	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 06:33	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 06:33	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 06:33	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 06:33	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 06:33	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/22/13 06:33	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 06:33	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 06:33	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 06:33	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 06:33	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 06:33	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 06:33	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 06:33	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 06:33	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 06:33	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 06:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 06:33	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 06:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 06:33	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 06:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 06:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 06:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 06:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 06:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 06:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 06:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 06:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 06:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 06:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 06:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 06:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 06:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 06:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 06:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 06:33	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 06:33	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/22/13 06:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 06:33	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 06:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 06:33	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 06:33	99-87-6	
Methylene Chloride	**6.4J**	ug/L	10.0	4.8	5		06/22/13 06:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/22/13 06:33	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-15-16 **Lab ID: 92161315005** Collected: 06/11/13 11:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 06:33	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 06:33	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 06:33	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 06:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 06:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 06:33	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 06:33	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/22/13 06:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 06:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 06:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 06:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 06:33	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 06:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 06:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 06:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/22/13 06:33	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/22/13 06:33	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 06:33	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 06:33	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/22/13 06:33	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/22/13 06:33	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/22/13 06:33	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%			5		06/22/13 06:33	17060-07-0	
Toluene-d8 (S)	101	%			5		06/22/13 06:33	2037-26-5	
4-Bromofluorobenzene (S)	109	%			5		06/22/13 06:33	460-00-4	
Dibromofluoromethane (S)	108	%			5		06/22/13 06:33	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	103	10.3	1		06/14/13 16:03	67-64-1	
Benzene	ND	ug/kg	5.2	1.7	1		06/14/13 16:03	71-43-2	
Bromobenzene	ND	ug/kg	5.2	2.1	1		06/14/13 16:03	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	1.8	1		06/14/13 16:03	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	2.0	1		06/14/13 16:03	75-27-4	
Bromoform	ND	ug/kg	5.2	2.4	1		06/14/13 16:03	75-25-2	
Bromomethane	ND	ug/kg	10.3	2.6	1		06/14/13 16:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	103	3.0	1		06/14/13 16:03	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1.9	1		06/14/13 16:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1.7	1		06/14/13 16:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.2	2.1	1		06/14/13 16:03	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.2	2.7	1		06/14/13 16:03	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	2.0	1		06/14/13 16:03	108-90-7	
Chloroethane	ND	ug/kg	10.3	2.5	1		06/14/13 16:03	75-00-3	
Chloroform	ND	ug/kg	5.2	1.7	1		06/14/13 16:03	67-66-3	
Chloromethane	ND	ug/kg	10.3	2.5	1		06/14/13 16:03	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-15-16 **Lab ID: 92161315005** Collected: 06/11/13 11:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.2	1.8	1		06/14/13 16:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.2	1.9	1		06/14/13 16:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.2	3.7	1		06/14/13 16:03	96-12-8	
Dibromochloromethane	ND	ug/kg	5.2	1.9	1		06/14/13 16:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	1.9	1		06/14/13 16:03	106-93-4	
Dibromomethane	ND	ug/kg	5.2	2.6	1		06/14/13 16:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.2	2.0	1		06/14/13 16:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	2.1	1		06/14/13 16:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1.8	1		06/14/13 16:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.3	3.7	1		06/14/13 16:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.2	1.6	1		06/14/13 16:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	2.3	1		06/14/13 16:03	107-06-2	
1,1-Dichloroethene	**14.0**	ug/kg	5.2	1.9	1		06/14/13 16:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1.4	1		06/14/13 16:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	2.0	1		06/14/13 16:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1.8	1		06/14/13 16:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.2	2.0	1		06/14/13 16:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.2	1.8	1		06/14/13 16:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.2	1.6	1		06/14/13 16:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1.9	1		06/14/13 16:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1.6	1		06/14/13 16:03	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.2	1.8	1		06/14/13 16:03	108-20-3	
Ethylbenzene	ND	ug/kg	5.2	1.9	1		06/14/13 16:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	2.1	1		06/14/13 16:03	87-68-3	
2-Hexanone	ND	ug/kg	51.7	4.0	1		06/14/13 16:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	2.0	1		06/14/13 16:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1.8	1		06/14/13 16:03	99-87-6	
Methylene Chloride	ND	ug/kg	20.7	3.1	1		06/14/13 16:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.7	3.8	1		06/14/13 16:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1.6	1		06/14/13 16:03	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1.2	1		06/14/13 16:03	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1.8	1		06/14/13 16:03	103-65-1	
Styrene	ND	ug/kg	5.2	1.9	1		06/14/13 16:03	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	2.2	1		06/14/13 16:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	2.0	1		06/14/13 16:03	79-34-5	
Tetrachloroethene	**3.5J**	ug/kg	5.2	1.8	1		06/14/13 16:03	127-18-4	
Toluene	ND	ug/kg	5.2	1.9	1		06/14/13 16:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	2.3	1		06/14/13 16:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	1.7	1		06/14/13 16:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1.9	1		06/14/13 16:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	2.2	1		06/14/13 16:03	79-00-5	
Trichloroethene	**353**	ug/kg	110	46.1	20		06/16/13 13:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.2	2.3	1		06/14/13 16:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.2	1.7	1		06/14/13 16:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	2.1	1		06/14/13 16:03	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-15-16 **Lab ID: 92161315005** Collected: 06/11/13 11:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1.9	1		06/14/13 16:03	108-67-8	
Vinyl acetate	ND	ug/kg	51.7	9.1	1		06/14/13 16:03	108-05-4	
Vinyl chloride	ND	ug/kg	10.3	1.9	1		06/14/13 16:03	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	3.7	1		06/14/13 16:03	1330-20-7	
m&p-Xylene	ND	ug/kg	10.3	3.7	1		06/14/13 16:03	179601-23-1	
o-Xylene	ND	ug/kg	5.2	2.0	1		06/14/13 16:03	95-47-6	
Surrogates									
Dibromofluoromethane (S)	98	%	70-130		1		06/14/13 16:03	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		06/14/13 16:03	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		06/14/13 16:03	460-00-4	
1,2-Dichloroethane-d4 (S)	95	%	70-132		1		06/14/13 16:03	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.7**	%	0.10	0.10	1		06/19/13 08:52		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**0.83**	% (w/w)	0.058	0.058	1		06/14/13 16:59		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-29-30 **Lab ID: 92161315006** Collected: 06/11/13 12:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	ND	ug/L	125	50.0	5		06/22/13 06:49	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 06:49	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 06:49	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 06:49	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 06:49	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 06:49	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 06:49	74-83-9	
2-Butanone (MEK)	**21.7J**	ug/L	25.0	4.8	5		06/22/13 06:49	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 06:49	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 06:49	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 06:49	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 06:49	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 06:49	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 06:49	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 06:49	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 06:49	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 06:49	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 06:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 06:49	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 06:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 06:49	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 06:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 06:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 06:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 06:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 06:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 06:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 06:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 06:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 06:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 06:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 06:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 06:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 06:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 06:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 06:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 06:49	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 06:49	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/22/13 06:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 06:49	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 06:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 06:49	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 06:49	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/22/13 06:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	**6.2J**	ug/L	25.0	1.6	5		06/22/13 06:49	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-29-30 **Lab ID: 92161315006** Collected: 06/11/13 12:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 06:49	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 06:49	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 06:49	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 06:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 06:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 06:49	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 06:49	127-18-4	
Toluene	**8.8**	ug/L	5.0	1.3	5		06/22/13 06:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 06:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 06:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 06:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 06:49	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 06:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 06:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 06:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/22/13 06:49	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/22/13 06:49	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 06:49	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 06:49	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/22/13 06:49	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/22/13 06:49	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/22/13 06:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%			5		06/22/13 06:49	17060-07-0	
Toluene-d8 (S)	102	%			5		06/22/13 06:49	2037-26-5	
4-Bromofluorobenzene (S)	110	%			5		06/22/13 06:49	460-00-4	
Dibromofluoromethane (S)	111	%			5		06/22/13 06:49	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	87.8	8.8	1		06/14/13 16:22	67-64-1	
Benzene	ND	ug/kg	4.4	1.4	1		06/14/13 16:22	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1.8	1		06/14/13 16:22	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1.5	1		06/14/13 16:22	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1.7	1		06/14/13 16:22	75-27-4	
Bromoform	ND	ug/kg	4.4	2.0	1		06/14/13 16:22	75-25-2	
Bromomethane	ND	ug/kg	8.8	2.2	1		06/14/13 16:22	74-83-9	
2-Butanone (MEK)	ND	ug/kg	87.8	2.5	1		06/14/13 16:22	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1.6	1		06/14/13 16:22	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1.4	1		06/14/13 16:22	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.4	1.8	1		06/14/13 16:22	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.4	2.3	1		06/14/13 16:22	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1.7	1		06/14/13 16:22	108-90-7	
Chloroethane	ND	ug/kg	8.8	2.1	1		06/14/13 16:22	75-00-3	
Chloroform	ND	ug/kg	4.4	1.4	1		06/14/13 16:22	67-66-3	
Chloromethane	ND	ug/kg	8.8	2.1	1		06/14/13 16:22	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-29-30 **Lab ID: 92161315006** Collected: 06/11/13 12:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.4	1.5	1		06/14/13 16:22	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1.6	1		06/14/13 16:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	3.2	1		06/14/13 16:22	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1.6	1		06/14/13 16:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1.6	1		06/14/13 16:22	106-93-4	
Dibromomethane	ND	ug/kg	4.4	2.2	1		06/14/13 16:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1.7	1		06/14/13 16:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1.8	1		06/14/13 16:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1.5	1		06/14/13 16:22	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.8	3.2	1		06/14/13 16:22	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.4	1.3	1		06/14/13 16:22	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.4	1.9	1		06/14/13 16:22	107-06-2	
1,1-Dichloroethene	**6.1**	ug/kg	4.4	1.6	1		06/14/13 16:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.4	1.2	1		06/14/13 16:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1.7	1		06/14/13 16:22	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1.5	1		06/14/13 16:22	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1.7	1		06/14/13 16:22	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1.5	1		06/14/13 16:22	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1.3	1		06/14/13 16:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1.6	1		06/14/13 16:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1.3	1		06/14/13 16:22	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.4	1.5	1		06/14/13 16:22	108-20-3	
Ethylbenzene	ND	ug/kg	4.4	1.6	1		06/14/13 16:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1.8	1		06/14/13 16:22	87-68-3	
2-Hexanone	ND	ug/kg	43.9	3.4	1		06/14/13 16:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1.7	1		06/14/13 16:22	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1.5	1		06/14/13 16:22	99-87-6	
Methylene Chloride	ND	ug/kg	17.6	2.6	1		06/14/13 16:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	43.9	3.2	1		06/14/13 16:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1.3	1		06/14/13 16:22	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1.1	1		06/14/13 16:22	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1.5	1		06/14/13 16:22	103-65-1	
Styrene	ND	ug/kg	4.4	1.6	1		06/14/13 16:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1.8	1		06/14/13 16:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1.7	1		06/14/13 16:22	79-34-5	
Tetrachloroethene	**2.1J**	ug/kg	4.4	1.5	1		06/14/13 16:22	127-18-4	
Toluene	ND	ug/kg	4.4	1.6	1		06/14/13 16:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1.9	1		06/14/13 16:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1.4	1		06/14/13 16:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.4	1.6	1		06/14/13 16:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.4	1.8	1		06/14/13 16:22	79-00-5	
Trichloroethene	**246**	ug/kg	94.2	39.6	20		06/16/13 13:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1.9	1		06/14/13 16:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1.4	1		06/14/13 16:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1.8	1		06/14/13 16:22	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-8-29-30 **Lab ID: 92161315006** Collected: 06/11/13 12:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1.6	1		06/14/13 16:22	108-67-8	
Vinyl acetate	ND	ug/kg	43.9	7.7	1		06/14/13 16:22	108-05-4	
Vinyl chloride	ND	ug/kg	8.8	1.6	1		06/14/13 16:22	75-01-4	
Xylene (Total)	ND	ug/kg	8.8	3.2	1		06/14/13 16:22	1330-20-7	
m&p-Xylene	ND	ug/kg	8.8	3.2	1		06/14/13 16:22	179601-23-1	
o-Xylene	ND	ug/kg	4.4	1.7	1		06/14/13 16:22	95-47-6	
Surrogates									
Dibromofluoromethane (S)	106	%	70-130		1		06/14/13 16:22	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		06/14/13 16:22	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		06/14/13 16:22	460-00-4	
1,2-Dichloroethane-d4 (S)	107	%	70-132		1		06/14/13 16:22	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**19.6**	%	0.10	0.10	1		06/19/13 08:52		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**0.73**	% (w/w)	0.058	0.058	1		06/14/13 17:00		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-5-6 **Lab ID: 92161315007** Collected: 06/11/13 13:18 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	ND	ug/L	25.0	10.0	1		06/20/13 23:23	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/20/13 23:23	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/20/13 23:23	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/20/13 23:23	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/20/13 23:23	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/20/13 23:23	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/20/13 23:23	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/20/13 23:23	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/20/13 23:23	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/20/13 23:23	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/20/13 23:23	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/20/13 23:23	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/20/13 23:23	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/20/13 23:23	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/20/13 23:23	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/20/13 23:23	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/20/13 23:23	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/20/13 23:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/20/13 23:23	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/20/13 23:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/20/13 23:23	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/20/13 23:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/20/13 23:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/20/13 23:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/13 23:23	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/20/13 23:23	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/20/13 23:23	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/20/13 23:23	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/20/13 23:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/20/13 23:23	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/20/13 23:23	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/20/13 23:23	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/20/13 23:23	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/20/13 23:23	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/20/13 23:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/20/13 23:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/20/13 23:23	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/20/13 23:23	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/20/13 23:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/20/13 23:23	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/20/13 23:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/20/13 23:23	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/20/13 23:23	99-87-6	
Methylene Chloride	**1.7J**	ug/L	2.0	0.97	1		06/20/13 23:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/20/13 23:23	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-5-6 **Lab ID: 92161315007** Collected: 06/11/13 13:18 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/20/13 23:23	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/20/13 23:23	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/20/13 23:23	103-65-1	
Styrene	**1.7**	ug/L	1.0	0.26	1		06/20/13 23:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/20/13 23:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/20/13 23:23	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/20/13 23:23	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/20/13 23:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/20/13 23:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/20/13 23:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/20/13 23:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/20/13 23:23	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/20/13 23:23	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/20/13 23:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/20/13 23:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/20/13 23:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/20/13 23:23	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/20/13 23:23	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/20/13 23:23	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/20/13 23:23	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/20/13 23:23	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/20/13 23:23	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%			1		06/20/13 23:23	17060-07-0	
Toluene-d8 (S)	100	%			1		06/20/13 23:23	2037-26-5	
4-Bromofluorobenzene (S)	106	%			1		06/20/13 23:23	460-00-4	
Dibromofluoromethane (S)	111	%			1		06/20/13 23:23	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**22.4J**	ug/kg	113	11.3	1		06/14/13 16:41	67-64-1	
Benzene	ND	ug/kg	5.6	1.8	1		06/14/13 16:41	71-43-2	
Bromobenzene	ND	ug/kg	5.6	2.3	1		06/14/13 16:41	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1.9	1		06/14/13 16:41	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	2.1	1		06/14/13 16:41	75-27-4	
Bromoform	ND	ug/kg	5.6	2.6	1		06/14/13 16:41	75-25-2	
Bromomethane	ND	ug/kg	11.3	2.8	1		06/14/13 16:41	74-83-9	
2-Butanone (MEK)	ND	ug/kg	113	3.3	1		06/14/13 16:41	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	2.0	1		06/14/13 16:41	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1.8	1		06/14/13 16:41	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	2.3	1		06/14/13 16:41	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	2.9	1		06/14/13 16:41	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	2.1	1		06/14/13 16:41	108-90-7	
Chloroethane	ND	ug/kg	11.3	2.7	1		06/14/13 16:41	75-00-3	
Chloroform	ND	ug/kg	5.6	1.8	1		06/14/13 16:41	67-66-3	
Chloromethane	ND	ug/kg	11.3	2.7	1		06/14/13 16:41	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-5-6 **Lab ID: 92161315007** Collected: 06/11/13 13:18 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.6	1.9	1		06/14/13 16:41	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	2.0	1		06/14/13 16:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	4.1	1		06/14/13 16:41	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	2.0	1		06/14/13 16:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	2.0	1		06/14/13 16:41	106-93-4	
Dibromomethane	ND	ug/kg	5.6	2.8	1		06/14/13 16:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	2.1	1		06/14/13 16:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	2.3	1		06/14/13 16:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1.9	1		06/14/13 16:41	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.3	4.1	1		06/14/13 16:41	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1.7	1		06/14/13 16:41	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	2.5	1		06/14/13 16:41	107-06-2	
1,1-Dichloroethene	**24.0**	ug/kg	5.6	2.0	1		06/14/13 16:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1.6	1		06/14/13 16:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	2.1	1		06/14/13 16:41	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1.9	1		06/14/13 16:41	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	2.1	1		06/14/13 16:41	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1.9	1		06/14/13 16:41	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1.7	1		06/14/13 16:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	2.0	1		06/14/13 16:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1.7	1		06/14/13 16:41	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1.9	1		06/14/13 16:41	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	2.0	1		06/14/13 16:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	2.3	1		06/14/13 16:41	87-68-3	
2-Hexanone	ND	ug/kg	56.4	4.4	1		06/14/13 16:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	2.1	1		06/14/13 16:41	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1.9	1		06/14/13 16:41	99-87-6	
Methylene Chloride	ND	ug/kg	22.6	3.4	1		06/14/13 16:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.4	4.2	1		06/14/13 16:41	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1.7	1		06/14/13 16:41	1634-04-4	
Naphthalene	ND	ug/kg	5.6	1.4	1		06/14/13 16:41	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	1.9	1		06/14/13 16:41	103-65-1	
Styrene	ND	ug/kg	5.6	2.0	1		06/14/13 16:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	2.4	1		06/14/13 16:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	2.1	1		06/14/13 16:41	79-34-5	
Tetrachloroethene	**6.0**	ug/kg	5.6	1.9	1		06/14/13 16:41	127-18-4	
Toluene	ND	ug/kg	5.6	2.0	1		06/14/13 16:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	2.5	1		06/14/13 16:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1.8	1		06/14/13 16:41	120-82-1	
1,1,1-Trichloroethane	**27.5**	ug/kg	5.6	2.0	1		06/14/13 16:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	2.4	1		06/14/13 16:41	79-00-5	
Trichloroethene	**1320**	ug/kg	152	63.7	25		06/16/13 14:11	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	2.5	1		06/14/13 16:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1.8	1		06/14/13 16:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	2.3	1		06/14/13 16:41	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-5-6 **Lab ID: 92161315007** Collected: 06/11/13 13:18 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	2.0	1		06/14/13 16:41	108-67-8	
Vinyl acetate	ND	ug/kg	56.4	9.9	1		06/14/13 16:41	108-05-4	
Vinyl chloride	ND	ug/kg	11.3	2.0	1		06/14/13 16:41	75-01-4	
Xylene (Total)	ND	ug/kg	11.3	4.1	1		06/14/13 16:41	1330-20-7	
m&p-Xylene	ND	ug/kg	11.3	4.1	1		06/14/13 16:41	179601-23-1	
o-Xylene	ND	ug/kg	5.6	2.1	1		06/14/13 16:41	95-47-6	
Surrogates									
Dibromofluoromethane (S)	98	%	70-130		1		06/14/13 16:41	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		06/14/13 16:41	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		06/14/13 16:41	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-132		1		06/14/13 16:41	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**27.7**	%	0.10	0.10	1		06/19/13 08:52		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.8**	% (w/w)	0.058	0.058	1		06/14/13 17:01		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-15-16 **Lab ID: 92161315008** Collected: 06/11/13 13:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	**70.2J**	ug/L	125	50.0	5		06/20/13 23:39	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/20/13 23:39	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/20/13 23:39	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/20/13 23:39	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/20/13 23:39	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/20/13 23:39	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/20/13 23:39	74-83-9	
2-Butanone (MEK)	**61.6**	ug/L	25.0	4.8	5		06/20/13 23:39	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/20/13 23:39	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/20/13 23:39	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/20/13 23:39	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/20/13 23:39	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/20/13 23:39	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/20/13 23:39	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/20/13 23:39	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/20/13 23:39	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/20/13 23:39	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/20/13 23:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/20/13 23:39	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/20/13 23:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/20/13 23:39	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/20/13 23:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/20/13 23:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/20/13 23:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/20/13 23:39	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/20/13 23:39	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/20/13 23:39	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/20/13 23:39	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/20/13 23:39	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/20/13 23:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/20/13 23:39	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/20/13 23:39	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/20/13 23:39	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/20/13 23:39	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/20/13 23:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/20/13 23:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/20/13 23:39	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/20/13 23:39	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/20/13 23:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/20/13 23:39	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/20/13 23:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/20/13 23:39	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/20/13 23:39	99-87-6	
Methylene Chloride	**4140**	ug/L	100	48.5	50		06/22/13 06:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	**43.1**	ug/L	25.0	1.6	5		06/20/13 23:39	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-15-16 **Lab ID: 92161315008** Collected: 06/11/13 13:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/20/13 23:39	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/20/13 23:39	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/20/13 23:39	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/20/13 23:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/20/13 23:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/20/13 23:39	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/20/13 23:39	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/20/13 23:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/20/13 23:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/20/13 23:39	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/20/13 23:39	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/20/13 23:39	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/20/13 23:39	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/20/13 23:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/20/13 23:39	96-18-4	
1,2,4-Trimethylbenzene	**30.7**	ug/L	5.0	1.6	5		06/20/13 23:39	95-63-6	
1,3,5-Trimethylbenzene	**6.6**	ug/L	5.0	1.8	5		06/20/13 23:39	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/20/13 23:39	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/20/13 23:39	75-01-4	
Xylene (Total)	**32.3**	ug/L	10.0	3.3	5		06/20/13 23:39	1330-20-7	
m&p-Xylene	**21.3**	ug/L	10.0	3.3	5		06/20/13 23:39	179601-23-1	
o-Xylene	**10.9**	ug/L	5.0	1.2	5		06/20/13 23:39	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%			5		06/20/13 23:39	17060-07-0	
Toluene-d8 (S)	101	%			5		06/20/13 23:39	2037-26-5	
4-Bromofluorobenzene (S)	105	%			5		06/20/13 23:39	460-00-4	
Dibromofluoromethane (S)	106	%			5		06/20/13 23:39	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**26.1J**	ug/kg	106	10.6	1		06/14/13 16:59	67-64-1	
Benzene	ND	ug/kg	5.3	1.7	1		06/14/13 16:59	71-43-2	
Bromobenzene	ND	ug/kg	5.3	2.1	1		06/14/13 16:59	108-86-1	
Bromochloromethane	ND	ug/kg	5.3	1.8	1		06/14/13 16:59	74-97-5	
Bromodichloromethane	ND	ug/kg	5.3	2.0	1		06/14/13 16:59	75-27-4	
Bromoform	ND	ug/kg	5.3	2.4	1		06/14/13 16:59	75-25-2	
Bromomethane	ND	ug/kg	10.6	2.6	1		06/14/13 16:59	74-83-9	
2-Butanone (MEK)	ND	ug/kg	106	3.1	1		06/14/13 16:59	78-93-3	
n-Butylbenzene	ND	ug/kg	5.3	1.9	1		06/14/13 16:59	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.3	1.7	1		06/14/13 16:59	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.3	2.1	1		06/14/13 16:59	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.3	2.7	1		06/14/13 16:59	56-23-5	
Chlorobenzene	ND	ug/kg	5.3	2.0	1		06/14/13 16:59	108-90-7	
Chloroethane	ND	ug/kg	10.6	2.5	1		06/14/13 16:59	75-00-3	
Chloroform	ND	ug/kg	5.3	1.7	1		06/14/13 16:59	67-66-3	
Chloromethane	ND	ug/kg	10.6	2.5	1		06/14/13 16:59	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-15-16 **Lab ID: 92161315008** Collected: 06/11/13 13:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.3	1.8	1		06/14/13 16:59	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.3	1.9	1		06/14/13 16:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.3	3.8	1		06/14/13 16:59	96-12-8	
Dibromochloromethane	ND	ug/kg	5.3	1.9	1		06/14/13 16:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.3	1.9	1		06/14/13 16:59	106-93-4	
Dibromomethane	ND	ug/kg	5.3	2.6	1		06/14/13 16:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.3	2.0	1		06/14/13 16:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.3	2.1	1		06/14/13 16:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.3	1.8	1		06/14/13 16:59	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.6	3.8	1		06/14/13 16:59	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.3	1.6	1		06/14/13 16:59	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.3	2.3	1		06/14/13 16:59	107-06-2	
1,1-Dichloroethene	**23.4**	ug/kg	5.3	1.9	1		06/14/13 16:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.3	1.5	1		06/14/13 16:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.3	2.0	1		06/14/13 16:59	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.3	1.8	1		06/14/13 16:59	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.3	2.0	1		06/14/13 16:59	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.3	1.8	1		06/14/13 16:59	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.3	1.6	1		06/14/13 16:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.3	1.9	1		06/14/13 16:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.3	1.6	1		06/14/13 16:59	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.3	1.8	1		06/14/13 16:59	108-20-3	
Ethylbenzene	ND	ug/kg	5.3	1.9	1		06/14/13 16:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.3	2.1	1		06/14/13 16:59	87-68-3	
2-Hexanone	ND	ug/kg	52.8	4.1	1		06/14/13 16:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.3	2.0	1		06/14/13 16:59	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.3	1.8	1		06/14/13 16:59	99-87-6	
Methylene Chloride	ND	ug/kg	21.1	3.2	1		06/14/13 16:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	52.8	3.9	1		06/14/13 16:59	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.3	1.6	1		06/14/13 16:59	1634-04-4	
Naphthalene	ND	ug/kg	5.3	1.3	1		06/14/13 16:59	91-20-3	
n-Propylbenzene	ND	ug/kg	5.3	1.8	1		06/14/13 16:59	103-65-1	
Styrene	ND	ug/kg	5.3	1.9	1		06/14/13 16:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.3	2.2	1		06/14/13 16:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.3	2.0	1		06/14/13 16:59	79-34-5	
Tetrachloroethene	**5.5**	ug/kg	5.3	1.8	1		06/14/13 16:59	127-18-4	
Toluene	ND	ug/kg	5.3	1.9	1		06/14/13 16:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.3	2.3	1		06/14/13 16:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.3	1.7	1		06/14/13 16:59	120-82-1	
1,1,1-Trichloroethane	**30.6**	ug/kg	5.3	1.9	1		06/14/13 16:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.3	2.2	1		06/14/13 16:59	79-00-5	
Trichloroethene	**1260**	ug/kg	298	125	50		06/16/13 14:30	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.3	2.3	1		06/14/13 16:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.3	1.7	1		06/14/13 16:59	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.3	2.1	1		06/14/13 16:59	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-15-16 **Lab ID: 92161315008** Collected: 06/11/13 13:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.3	1.9	1		06/14/13 16:59	108-67-8	
Vinyl acetate	ND	ug/kg	52.8	9.3	1		06/14/13 16:59	108-05-4	
Vinyl chloride	ND	ug/kg	10.6	1.9	1		06/14/13 16:59	75-01-4	
Xylene (Total)	ND	ug/kg	10.6	3.8	1		06/14/13 16:59	1330-20-7	
m&p-Xylene	ND	ug/kg	10.6	3.8	1		06/14/13 16:59	179601-23-1	
o-Xylene	ND	ug/kg	5.3	2.0	1		06/14/13 16:59	95-47-6	
Surrogates									
Dibromofluoromethane (S)	101	%	70-130		1		06/14/13 16:59	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		06/14/13 16:59	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		06/14/13 16:59	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-132		1		06/14/13 16:59	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**25.0**	%	0.10	0.10	1		06/19/13 08:52		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.8**	% (w/w)	0.058	0.058	1		06/14/13 17:03		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-25-26 **Lab ID: 92161315009** Collected: 06/11/13 13:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	ND	ug/L	125	50.0	5		06/22/13 07:05	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 07:05	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 07:05	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 07:05	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 07:05	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 07:05	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 07:05	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/22/13 07:05	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 07:05	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 07:05	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 07:05	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 07:05	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 07:05	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 07:05	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 07:05	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 07:05	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 07:05	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 07:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 07:05	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 07:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 07:05	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 07:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 07:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 07:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 07:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 07:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 07:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 07:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 07:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 07:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 07:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 07:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 07:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 07:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 07:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 07:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 07:05	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 07:05	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/22/13 07:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 07:05	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 07:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 07:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 07:05	99-87-6	
Methylene Chloride	**7.2J**	ug/L	10.0	4.8	5		06/22/13 07:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	**13.1J**	ug/L	25.0	1.6	5		06/22/13 07:05	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-25-26 **Lab ID: 92161315009** Collected: 06/11/13 13:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 07:05	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 07:05	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 07:05	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 07:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 07:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 07:05	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 07:05	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/22/13 07:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 07:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 07:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 07:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 07:05	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 07:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 07:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 07:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/22/13 07:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/22/13 07:05	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 07:05	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 07:05	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/22/13 07:05	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/22/13 07:05	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/22/13 07:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%			5		06/22/13 07:05	17060-07-0	
Toluene-d8 (S)	102	%			5		06/22/13 07:05	2037-26-5	
4-Bromofluorobenzene (S)	106	%			5		06/22/13 07:05	460-00-4	
Dibromofluoromethane (S)	106	%			5		06/22/13 07:05	1868-53-7	
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	100	24.0	20		06/27/13 09:49	71-43-2	
2-Butanone (MEK)	ND	ug/L	200	56.0	20		06/27/13 09:49	78-93-3	
Carbon tetrachloride	ND	ug/L	100	54.0	20		06/27/13 09:49	56-23-5	
Chlorobenzene	ND	ug/L	100	20.0	20		06/27/13 09:49	108-90-7	
Chloroform	ND	ug/L	100	40.0	20		06/27/13 09:49	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	24.0	20		06/27/13 09:49	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	26.0	20		06/27/13 09:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	68.0	20		06/27/13 09:49	75-35-4	
Tetrachloroethene	ND	ug/L	100	38.0	20		06/27/13 09:49	127-18-4	
Trichloroethene	ND	ug/L	100	20.0	20		06/27/13 09:49	79-01-6	
Vinyl chloride	ND	ug/L	100	38.0	20		06/27/13 09:49	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		20		06/27/13 09:49	17060-07-0	
Toluene-d8 (S)	98	%	67-135		20		06/27/13 09:49	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		20		06/27/13 09:49	460-00-4	
Dibromofluoromethane (S)	98	%	70-130		20		06/27/13 09:49	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-25-26 **Lab ID: 92161315009** Collected: 06/11/13 13:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	97.1	9.7	1		06/14/13 17:18	67-64-1	
Benzene	ND	ug/kg	4.9	1.6	1		06/14/13 17:18	71-43-2	
Bromobenzene	ND	ug/kg	4.9	1.9	1		06/14/13 17:18	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1.8	1		06/14/13 17:18	75-27-4	
Bromoform	ND	ug/kg	4.9	2.2	1		06/14/13 17:18	75-25-2	
Bromomethane	ND	ug/kg	9.7	2.4	1		06/14/13 17:18	74-83-9	
2-Butanone (MEK)	ND	ug/kg	97.1	2.8	1		06/14/13 17:18	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1.6	1		06/14/13 17:18	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	1.9	1		06/14/13 17:18	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.9	2.5	1		06/14/13 17:18	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1.8	1		06/14/13 17:18	108-90-7	
Chloroethane	ND	ug/kg	9.7	2.3	1		06/14/13 17:18	75-00-3	
Chloroform	**2.2J**	ug/kg	4.9	1.6	1		06/14/13 17:18	67-66-3	
Chloromethane	ND	ug/kg	9.7	2.3	1		06/14/13 17:18	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	3.5	1		06/14/13 17:18	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	106-93-4	
Dibromomethane	ND	ug/kg	4.9	2.4	1		06/14/13 17:18	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1.8	1		06/14/13 17:18	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	1.9	1		06/14/13 17:18	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.7	3.5	1		06/14/13 17:18	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.9	1.5	1		06/14/13 17:18	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	2.1	1		06/14/13 17:18	107-06-2	
1,1-Dichloroethene	**126**	ug/kg	4.9	1.7	1		06/14/13 17:18	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.9	1.4	1		06/14/13 17:18	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1.8	1		06/14/13 17:18	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1.8	1		06/14/13 17:18	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1.5	1		06/14/13 17:18	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1.5	1		06/14/13 17:18	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	108-20-3	
Ethylbenzene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	1.9	1		06/14/13 17:18	87-68-3	
2-Hexanone	ND	ug/kg	48.6	3.8	1		06/14/13 17:18	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1.8	1		06/14/13 17:18	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	99-87-6	
Methylene Chloride	ND	ug/kg	19.4	2.9	1		06/14/13 17:18	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.6	3.6	1		06/14/13 17:18	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-9-25-26 **Lab ID: 92161315009** Collected: 06/11/13 13:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Methyl-tert-butyl ether	ND	ug/kg	4.9	1.5	1		06/14/13 17:18	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1.2	1		06/14/13 17:18	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	103-65-1	
Styrene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	2.0	1		06/14/13 17:18	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1.8	1		06/14/13 17:18	79-34-5	
Tetrachloroethene	**15.3**	ug/kg	4.9	1.7	1		06/14/13 17:18	127-18-4	
Toluene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	2.1	1		06/14/13 17:18	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1.6	1		06/14/13 17:18	120-82-1	
1,1,1-Trichloroethane	**24.2**	ug/kg	4.9	1.7	1		06/14/13 17:18	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.9	2.0	1		06/14/13 17:18	79-00-5	
Trichloroethene	**976**	ug/kg	235	98.8	50		06/17/13 18:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	2.1	1		06/14/13 17:18	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1.6	1		06/14/13 17:18	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	1.9	1		06/14/13 17:18	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1.7	1		06/14/13 17:18	108-67-8	
Vinyl acetate	ND	ug/kg	48.6	8.5	1		06/14/13 17:18	108-05-4	
Vinyl chloride	ND	ug/kg	9.7	1.7	1		06/14/13 17:18	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	3.5	1		06/14/13 17:18	1330-20-7	
m&p-Xylene	ND	ug/kg	9.7	3.5	1		06/14/13 17:18	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1.8	1		06/14/13 17:18	95-47-6	
Surrogates									
Dibromofluoromethane (S)	107	%	70-130		1		06/14/13 17:18	1868-53-7	
Toluene-d8 (S)	87	%	70-130		1		06/14/13 17:18	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		06/14/13 17:18	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-132		1		06/14/13 17:18	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**14.3**	%	0.10	0.10	1		06/19/13 08:53		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.2**	% (w/w)	0.058	0.058	1		06/14/13 17:05		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-5-6 **Lab ID: 92161315010** Collected: 06/11/13 14:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	ND	ug/L	25.0	10.0	1		06/21/13 00:10	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/13 00:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/21/13 00:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/13 00:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/13 00:10	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/13 00:10	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/13 00:10	74-83-9	
2-Butanone (MEK)	**8.3**	ug/L	5.0	0.96	1		06/21/13 00:10	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/21/13 00:10	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/21/13 00:10	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/21/13 00:10	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/13 00:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/13 00:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/13 00:10	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/13 00:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/13 00:10	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/21/13 00:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/21/13 00:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/13 00:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/13 00:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/13 00:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/13 00:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/13 00:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/21/13 00:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/13 00:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/21/13 00:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/13 00:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/13 00:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/13 00:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/13 00:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/13 00:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/13 00:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/21/13 00:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/21/13 00:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/21/13 00:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/13 00:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/13 00:10	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/21/13 00:10	108-20-3	
Ethylbenzene	**7.3**	ug/L	1.0	0.30	1		06/21/13 00:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/21/13 00:10	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/13 00:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/21/13 00:10	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/21/13 00:10	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/21/13 00:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	**111**	ug/L	5.0	0.33	1		06/21/13 00:10	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-5-6 **Lab ID: 92161315010** Collected: 06/11/13 14:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/21/13 00:10	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/21/13 00:10	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/21/13 00:10	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/13 00:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/13 00:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/13 00:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/13 00:10	127-18-4	
Toluene	**7.2**	ug/L	1.0	0.26	1		06/21/13 00:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/13 00:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/21/13 00:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/13 00:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/13 00:10	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/13 00:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/13 00:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/13 00:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/21/13 00:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/21/13 00:10	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/13 00:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/13 00:10	75-01-4	
Xylene (Total)	**51.9**	ug/L	2.0	0.66	1		06/21/13 00:10	1330-20-7	
m&p-Xylene	**36.7**	ug/L	2.0	0.66	1		06/21/13 00:10	179601-23-1	
o-Xylene	**15.2**	ug/L	1.0	0.23	1		06/21/13 00:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	99	%			1		06/21/13 00:10	17060-07-0	
Toluene-d8 (S)	101	%			1		06/21/13 00:10	2037-26-5	
4-Bromofluorobenzene (S)	105	%			1		06/21/13 00:10	460-00-4	
Dibromofluoromethane (S)	106	%			1		06/21/13 00:10	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**94.8J**	ug/kg	167	16.7	1		06/14/13 17:37	67-64-1	
Benzene	ND	ug/kg	8.3	2.7	1		06/14/13 17:37	71-43-2	
Bromobenzene	ND	ug/kg	8.3	3.3	1		06/14/13 17:37	108-86-1	
Bromochloromethane	ND	ug/kg	8.3	2.8	1		06/14/13 17:37	74-97-5	
Bromodichloromethane	ND	ug/kg	8.3	3.2	1		06/14/13 17:37	75-27-4	
Bromoform	ND	ug/kg	8.3	3.8	1		06/14/13 17:37	75-25-2	
Bromomethane	ND	ug/kg	16.7	4.2	1		06/14/13 17:37	74-83-9	
2-Butanone (MEK)	ND	ug/kg	167	4.8	1		06/14/13 17:37	78-93-3	
n-Butylbenzene	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	104-51-8	
sec-Butylbenzene	ND	ug/kg	8.3	2.7	1		06/14/13 17:37	135-98-8	
tert-Butylbenzene	ND	ug/kg	8.3	3.3	1		06/14/13 17:37	98-06-6	
Carbon tetrachloride	ND	ug/kg	8.3	4.3	1		06/14/13 17:37	56-23-5	
Chlorobenzene	ND	ug/kg	8.3	3.2	1		06/14/13 17:37	108-90-7	
Chloroethane	ND	ug/kg	16.7	4.0	1		06/14/13 17:37	75-00-3	
Chloroform	ND	ug/kg	8.3	2.7	1		06/14/13 17:37	67-66-3	
Chloromethane	ND	ug/kg	16.7	4.0	1		06/14/13 17:37	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-5-6 **Lab ID: 92161315010** Collected: 06/11/13 14:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	8.3	2.8	1		06/14/13 17:37	95-49-8	
4-Chlorotoluene	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	8.3	6.0	1		06/14/13 17:37	96-12-8	
Dibromochloromethane	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	106-93-4	
Dibromomethane	ND	ug/kg	8.3	4.2	1		06/14/13 17:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	8.3	3.2	1		06/14/13 17:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	8.3	3.3	1		06/14/13 17:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	8.3	2.8	1		06/14/13 17:37	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	16.7	6.0	1		06/14/13 17:37	75-71-8	
1,1-Dichloroethane	ND	ug/kg	8.3	2.5	1		06/14/13 17:37	75-34-3	
1,2-Dichloroethane	ND	ug/kg	8.3	3.7	1		06/14/13 17:37	107-06-2	
1,1-Dichloroethene	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	8.3	2.3	1		06/14/13 17:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	8.3	3.2	1		06/14/13 17:37	156-60-5	
1,2-Dichloropropane	ND	ug/kg	8.3	2.8	1		06/14/13 17:37	78-87-5	
1,3-Dichloropropane	ND	ug/kg	8.3	3.2	1		06/14/13 17:37	142-28-9	
2,2-Dichloropropane	ND	ug/kg	8.3	2.8	1		06/14/13 17:37	594-20-7	
1,1-Dichloropropene	ND	ug/kg	8.3	2.5	1		06/14/13 17:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	8.3	2.5	1		06/14/13 17:37	10061-02-6	
Diisopropyl ether	ND	ug/kg	8.3	2.8	1		06/14/13 17:37	108-20-3	
Ethylbenzene	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	8.3	3.3	1		06/14/13 17:37	87-68-3	
2-Hexanone	ND	ug/kg	83.4	6.5	1		06/14/13 17:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	8.3	3.2	1		06/14/13 17:37	98-82-8	
p-Isopropyltoluene	ND	ug/kg	8.3	2.8	1		06/14/13 17:37	99-87-6	
Methylene Chloride	**70.9**	ug/kg	33.3	5.0	1		06/14/13 17:37	75-09-2	C9
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	83.4	6.2	1		06/14/13 17:37	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	8.3	2.5	1		06/14/13 17:37	1634-04-4	
Naphthalene	ND	ug/kg	8.3	2.0	1		06/14/13 17:37	91-20-3	
n-Propylbenzene	ND	ug/kg	8.3	2.8	1		06/14/13 17:37	103-65-1	
Styrene	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	8.3	3.5	1		06/14/13 17:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	8.3	3.2	1		06/14/13 17:37	79-34-5	
Tetrachloroethene	ND	ug/kg	8.3	2.8	1		06/14/13 17:37	127-18-4	
Toluene	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	8.3	3.7	1		06/14/13 17:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	8.3	2.7	1		06/14/13 17:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	8.3	3.5	1		06/14/13 17:37	79-00-5	
Trichloroethene	**52.2**	ug/kg	8.3	3.5	1		06/14/13 17:37	79-01-6	
Trichlorofluoromethane	ND	ug/kg	8.3	3.7	1		06/14/13 17:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	8.3	2.7	1		06/14/13 17:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	8.3	3.3	1		06/14/13 17:37	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-5-6 **Lab ID: 92161315010** Collected: 06/11/13 14:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	8.3	3.0	1		06/14/13 17:37	108-67-8	
Vinyl acetate	ND	ug/kg	83.4	14.7	1		06/14/13 17:37	108-05-4	
Vinyl chloride	ND	ug/kg	16.7	3.0	1		06/14/13 17:37	75-01-4	
Xylene (Total)	ND	ug/kg	16.7	6.0	1		06/14/13 17:37	1330-20-7	
m&p-Xylene	ND	ug/kg	16.7	6.0	1		06/14/13 17:37	179601-23-1	
o-Xylene	ND	ug/kg	8.3	3.2	1		06/14/13 17:37	95-47-6	
Surrogates									
Dibromofluoromethane (S)	108	%	70-130		1		06/14/13 17:37	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/14/13 17:37	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		06/14/13 17:37	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-132		1		06/14/13 17:37	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**28.6**	%	0.10	0.10	1		06/19/13 08:53		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.9**	% (w/w)	0.058	0.058	1		06/14/13 17:06		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-15-16 **Lab ID: 92161315011** Collected: 06/11/13 14:45 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Acetone	**26.1**	ug/L	25.0	10.0	1		06/21/13 00:26	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/13 00:26	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/21/13 00:26	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/13 00:26	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/13 00:26	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/13 00:26	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/13 00:26	74-83-9	
2-Butanone (MEK)	**15.3**	ug/L	5.0	0.96	1		06/21/13 00:26	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/21/13 00:26	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/21/13 00:26	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/21/13 00:26	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/13 00:26	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/13 00:26	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/13 00:26	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/13 00:26	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/13 00:26	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/21/13 00:26	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/21/13 00:26	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/13 00:26	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/13 00:26	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/13 00:26	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/13 00:26	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/13 00:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/21/13 00:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/13 00:26	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/21/13 00:26	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/13 00:26	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/13 00:26	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/13 00:26	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/13 00:26	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/13 00:26	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/13 00:26	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/21/13 00:26	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/21/13 00:26	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/21/13 00:26	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/13 00:26	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/13 00:26	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/21/13 00:26	108-20-3	
Ethylbenzene	**5.4**	ug/L	1.0	0.30	1		06/21/13 00:26	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/21/13 00:26	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/13 00:26	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/21/13 00:26	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/21/13 00:26	99-87-6	
Methylene Chloride	**121**	ug/L	2.0	0.97	1		06/21/13 00:26	75-09-2	
4-Methyl-2-pentanone (MIBK)	**119**	ug/L	5.0	0.33	1		06/21/13 00:26	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-15-16 **Lab ID: 92161315011** Collected: 06/11/13 14:45 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/16/13 10:22								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/21/13 00:26	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/21/13 00:26	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/21/13 00:26	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/13 00:26	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/13 00:26	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/13 00:26	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/13 00:26	127-18-4	
Toluene	**1.7**	ug/L	1.0	0.26	1		06/21/13 00:26	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/13 00:26	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/21/13 00:26	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/13 00:26	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/13 00:26	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/13 00:26	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/13 00:26	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/13 00:26	96-18-4	
1,2,4-Trimethylbenzene	**4.2**	ug/L	1.0	0.31	1		06/21/13 00:26	95-63-6	
1,3,5-Trimethylbenzene	**0.92J**	ug/L	1.0	0.36	1		06/21/13 00:26	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/13 00:26	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/13 00:26	75-01-4	
Xylene (Total)	**38.5**	ug/L	2.0	0.66	1		06/21/13 00:26	1330-20-7	
m&p-Xylene	**26.6**	ug/L	2.0	0.66	1		06/21/13 00:26	179601-23-1	
o-Xylene	**11.9**	ug/L	1.0	0.23	1		06/21/13 00:26	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%			1		06/21/13 00:26	17060-07-0	
Toluene-d8 (S)	101	%			1		06/21/13 00:26	2037-26-5	
4-Bromofluorobenzene (S)	102	%			1		06/21/13 00:26	460-00-4	
Dibromofluoromethane (S)	110	%			1		06/21/13 00:26	1868-53-7	
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	5.0	1.2	1		06/14/13 17:56	71-43-2	
2-Butanone (MEK)	ND	ug/L	10.0	2.8	1		06/14/13 17:56	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	2.7	1		06/14/13 17:56	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.0	1		06/14/13 17:56	108-90-7	
Chloroform	**2.2J**	ug/L	5.0	2.0	1		06/14/13 17:56	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.2	1		06/14/13 17:56	106-46-7	
1,2-Dichloroethane	ND	ug/L	5.0	1.3	1		06/14/13 17:56	107-06-2	
1,1-Dichloroethene	**11.6**	ug/L	5.0	3.4	1		06/14/13 17:56	75-35-4	
Tetrachloroethene	ND	ug/L	5.0	1.9	1		06/14/13 17:56	127-18-4	
Trichloroethene	**124**	ug/L	5.0	1.0	1		06/14/13 17:56	79-01-6	
Vinyl chloride	ND	ug/L	5.0	1.9	1		06/14/13 17:56	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	112	%	70-130		1		06/14/13 17:56	17060-07-0	
Toluene-d8 (S)	94	%	67-135		1		06/14/13 17:56	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		06/14/13 17:56	460-00-4	
Dibromofluoromethane (S)	113	%	70-130		1		06/14/13 17:56	1868-53-7	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-15-16 **Lab ID: 92161315011** Collected: 06/11/13 14:45 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**12.5J**	ug/kg	112	11.2	1		06/14/13 17:56	67-64-1	
Benzene	ND	ug/kg	5.6	1.8	1		06/14/13 17:56	71-43-2	
Bromobenzene	ND	ug/kg	5.6	2.2	1		06/14/13 17:56	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1.9	1		06/14/13 17:56	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	2.1	1		06/14/13 17:56	75-27-4	
Bromoform	ND	ug/kg	5.6	2.6	1		06/14/13 17:56	75-25-2	
Bromomethane	ND	ug/kg	11.2	2.8	1		06/14/13 17:56	74-83-9	
2-Butanone (MEK)	ND	ug/kg	112	3.2	1		06/14/13 17:56	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	2.0	1		06/14/13 17:56	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1.8	1		06/14/13 17:56	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	2.2	1		06/14/13 17:56	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	2.9	1		06/14/13 17:56	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	2.1	1		06/14/13 17:56	108-90-7	
Chloroethane	ND	ug/kg	11.2	2.7	1		06/14/13 17:56	75-00-3	
Chloroform	**2.4J**	ug/kg	5.6	1.8	1		06/14/13 17:56	67-66-3	
Chloromethane	ND	ug/kg	11.2	2.7	1		06/14/13 17:56	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.6	1.9	1		06/14/13 17:56	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	2.0	1		06/14/13 17:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	4.0	1		06/14/13 17:56	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	2.0	1		06/14/13 17:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	2.0	1		06/14/13 17:56	106-93-4	
Dibromomethane	ND	ug/kg	5.6	2.8	1		06/14/13 17:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	2.1	1		06/14/13 17:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	2.2	1		06/14/13 17:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1.9	1		06/14/13 17:56	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.2	4.0	1		06/14/13 17:56	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.6	1.7	1		06/14/13 17:56	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	2.5	1		06/14/13 17:56	107-06-2	
1,1-Dichloroethene	**13.0**	ug/kg	5.6	2.0	1		06/14/13 17:56	75-35-4	
cis-1,2-Dichloroethene	**1.9J**	ug/kg	5.6	1.6	1		06/14/13 17:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	2.1	1		06/14/13 17:56	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1.9	1		06/14/13 17:56	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	2.1	1		06/14/13 17:56	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1.9	1		06/14/13 17:56	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1.7	1		06/14/13 17:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	2.0	1		06/14/13 17:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1.7	1		06/14/13 17:56	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1.9	1		06/14/13 17:56	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	2.0	1		06/14/13 17:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	2.2	1		06/14/13 17:56	87-68-3	
2-Hexanone	ND	ug/kg	55.9	4.4	1		06/14/13 17:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	2.1	1		06/14/13 17:56	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1.9	1		06/14/13 17:56	99-87-6	
Methylene Chloride	ND	ug/kg	22.4	3.4	1		06/14/13 17:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	55.9	4.1	1		06/14/13 17:56	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-15-16 **Lab ID: 92161315011** Collected: 06/11/13 14:45 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Methyl-tert-butyl ether	ND	ug/kg	5.6	1.7	1		06/14/13 17:56	1634-04-4	
Naphthalene	ND	ug/kg	5.6	1.3	1		06/14/13 17:56	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	1.9	1		06/14/13 17:56	103-65-1	
Styrene	ND	ug/kg	5.6	2.0	1		06/14/13 17:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	2.3	1		06/14/13 17:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	2.1	1		06/14/13 17:56	79-34-5	
Tetrachloroethene	ND	ug/kg	5.6	1.9	1		06/14/13 17:56	127-18-4	
Toluene	ND	ug/kg	5.6	2.0	1		06/14/13 17:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	2.5	1		06/14/13 17:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1.8	1		06/14/13 17:56	120-82-1	
1,1,1-Trichloroethane	**3.0J**	ug/kg	5.6	2.0	1		06/14/13 17:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	2.3	1		06/14/13 17:56	79-00-5	
Trichloroethene	**138**	ug/kg	5.6	2.3	1		06/14/13 17:56	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	2.5	1		06/14/13 17:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1.8	1		06/14/13 17:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	2.2	1		06/14/13 17:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	2.0	1		06/14/13 17:56	108-67-8	
Vinyl acetate	ND	ug/kg	55.9	9.8	1		06/14/13 17:56	108-05-4	
Vinyl chloride	ND	ug/kg	11.2	2.0	1		06/14/13 17:56	75-01-4	
Xylene (Total)	ND	ug/kg	11.2	4.0	1		06/14/13 17:56	1330-20-7	
m&p-Xylene	ND	ug/kg	11.2	4.0	1		06/14/13 17:56	179601-23-1	
o-Xylene	ND	ug/kg	5.6	2.1	1		06/14/13 17:56	95-47-6	
Surrogates									
Dibromofluoromethane (S)	113	%	70-130		1		06/14/13 17:56	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		06/14/13 17:56	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		06/14/13 17:56	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-132		1		06/14/13 17:56	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**28.5**	%	0.10	0.10	1		06/19/13 08:53		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.4**	% (w/w)	0.058	0.058	1		06/14/13 17:07		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-25-26 **Lab ID: 92161315012** Collected: 06/11/13 15:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/17/13 14:51								
Acetone	ND	ug/L	125	50.0	5		06/21/13 00:42	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/21/13 00:42	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/21/13 00:42	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/21/13 00:42	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/21/13 00:42	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/21/13 00:42	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/21/13 00:42	74-83-9	
2-Butanone (MEK)	**15.8J**	ug/L	25.0	4.8	5		06/21/13 00:42	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/21/13 00:42	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/21/13 00:42	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/21/13 00:42	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/21/13 00:42	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/21/13 00:42	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/21/13 00:42	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/21/13 00:42	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/21/13 00:42	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/21/13 00:42	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/21/13 00:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/21/13 00:42	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/21/13 00:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/21/13 00:42	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/21/13 00:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/21/13 00:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/21/13 00:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/21/13 00:42	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/21/13 00:42	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/21/13 00:42	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/21/13 00:42	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/21/13 00:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/21/13 00:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/21/13 00:42	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/21/13 00:42	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/21/13 00:42	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/21/13 00:42	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/21/13 00:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/21/13 00:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/21/13 00:42	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/21/13 00:42	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/21/13 00:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/21/13 00:42	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/21/13 00:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/21/13 00:42	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/21/13 00:42	99-87-6	
Methylene Chloride	**52.0**	ug/L	10.0	4.8	5		06/21/13 00:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	**107**	ug/L	25.0	1.6	5		06/21/13 00:42	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-25-26 **Lab ID: 92161315012** Collected: 06/11/13 15:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/17/13 14:51								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/21/13 00:42	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/21/13 00:42	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/21/13 00:42	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/21/13 00:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/21/13 00:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/21/13 00:42	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/21/13 00:42	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/21/13 00:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/21/13 00:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/21/13 00:42	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/21/13 00:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/21/13 00:42	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/21/13 00:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/21/13 00:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/21/13 00:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/21/13 00:42	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/21/13 00:42	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/21/13 00:42	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/21/13 00:42	75-01-4	
Xylene (Total)	**28.9**	ug/L	10.0	3.3	5		06/21/13 00:42	1330-20-7	
m&p-Xylene	**20.2**	ug/L	10.0	3.3	5		06/21/13 00:42	179601-23-1	
o-Xylene	**8.7**	ug/L	5.0	1.2	5		06/21/13 00:42	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%			5		06/21/13 00:42	17060-07-0	
Toluene-d8 (S)	101	%			5		06/21/13 00:42	2037-26-5	
4-Bromofluorobenzene (S)	108	%			5		06/21/13 00:42	460-00-4	
Dibromofluoromethane (S)	112	%			5		06/21/13 00:42	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	85.8	8.6	1		06/14/13 18:15	67-64-1	
Benzene	ND	ug/kg	4.3	1.4	1		06/14/13 18:15	71-43-2	
Bromobenzene	ND	ug/kg	4.3	1.7	1		06/14/13 18:15	108-86-1	
Bromochloromethane	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	74-97-5	
Bromodichloromethane	ND	ug/kg	4.3	1.6	1		06/14/13 18:15	75-27-4	
Bromoform	ND	ug/kg	4.3	2.0	1		06/14/13 18:15	75-25-2	
Bromomethane	ND	ug/kg	8.6	2.1	1		06/14/13 18:15	74-83-9	
2-Butanone (MEK)	ND	ug/kg	85.8	2.5	1		06/14/13 18:15	78-93-3	
n-Butylbenzene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.3	1.4	1		06/14/13 18:15	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.3	1.7	1		06/14/13 18:15	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.3	2.2	1		06/14/13 18:15	56-23-5	
Chlorobenzene	ND	ug/kg	4.3	1.6	1		06/14/13 18:15	108-90-7	
Chloroethane	ND	ug/kg	8.6	2.1	1		06/14/13 18:15	75-00-3	
Chloroform	ND	ug/kg	4.3	1.4	1		06/14/13 18:15	67-66-3	
Chloromethane	ND	ug/kg	8.6	2.1	1		06/14/13 18:15	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-25-26 **Lab ID: 92161315012** Collected: 06/11/13 15:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.3	3.1	1		06/14/13 18:15	96-12-8	
Dibromochloromethane	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	106-93-4	
Dibromomethane	ND	ug/kg	4.3	2.1	1		06/14/13 18:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.3	1.6	1		06/14/13 18:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.3	1.7	1		06/14/13 18:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.6	3.1	1		06/14/13 18:15	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.3	1.3	1		06/14/13 18:15	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.3	1.9	1		06/14/13 18:15	107-06-2	
1,1-Dichloroethene	**8.9**	ug/kg	4.3	1.5	1		06/14/13 18:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.3	1.2	1		06/14/13 18:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.3	1.6	1		06/14/13 18:15	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.3	1.6	1		06/14/13 18:15	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.3	1.3	1		06/14/13 18:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.3	1.3	1		06/14/13 18:15	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	108-20-3	
Ethylbenzene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.3	1.7	1		06/14/13 18:15	87-68-3	
2-Hexanone	ND	ug/kg	42.9	3.3	1		06/14/13 18:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.3	1.6	1		06/14/13 18:15	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	99-87-6	
Methylene Chloride	ND	ug/kg	17.2	2.6	1		06/14/13 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	42.9	3.2	1		06/14/13 18:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.3	1.3	1		06/14/13 18:15	1634-04-4	
Naphthalene	ND	ug/kg	4.3	1.0	1		06/14/13 18:15	91-20-3	
n-Propylbenzene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	103-65-1	
Styrene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.3	1.8	1		06/14/13 18:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.3	1.6	1		06/14/13 18:15	79-34-5	
Tetrachloroethene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	127-18-4	
Toluene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.3	1.9	1		06/14/13 18:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.3	1.4	1		06/14/13 18:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.3	1.8	1		06/14/13 18:15	79-00-5	
Trichloroethene	**57.7**	ug/kg	4.3	1.8	1		06/14/13 18:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.3	1.9	1		06/14/13 18:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.3	1.4	1		06/14/13 18:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.3	1.7	1		06/14/13 18:15	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-10-25-26 **Lab ID: 92161315012** Collected: 06/11/13 15:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.3	1.5	1		06/14/13 18:15	108-67-8	
Vinyl acetate	ND	ug/kg	42.9	7.6	1		06/14/13 18:15	108-05-4	
Vinyl chloride	ND	ug/kg	8.6	1.5	1		06/14/13 18:15	75-01-4	
Xylene (Total)	ND	ug/kg	8.6	3.1	1		06/14/13 18:15	1330-20-7	
m&p-Xylene	ND	ug/kg	8.6	3.1	1		06/14/13 18:15	179601-23-1	
o-Xylene	ND	ug/kg	4.3	1.6	1		06/14/13 18:15	95-47-6	
Surrogates									
Dibromofluoromethane (S)	110	%	70-130		1		06/14/13 18:15	1868-53-7	
Toluene-d8 (S)	95	%	70-130		1		06/14/13 18:15	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		06/14/13 18:15	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-132		1		06/14/13 18:15	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**11.6**	%	0.10	0.10	1		06/19/13 08:53		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.6**	% (w/w)	0.058	0.058	1		06/14/13 17:08		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-5-6 **Lab ID: 92161315013** Collected: 06/11/13 16:03 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/17/13 14:51								
Acetone	ND	ug/L	25.0	10.0	1		06/21/13 00:58	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/13 00:58	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/21/13 00:58	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/13 00:58	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/13 00:58	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/13 00:58	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/13 00:58	74-83-9	
2-Butanone (MEK)	**5.8**	ug/L	5.0	0.96	1		06/21/13 00:58	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/21/13 00:58	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/21/13 00:58	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/21/13 00:58	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/13 00:58	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/13 00:58	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/13 00:58	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/13 00:58	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/13 00:58	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/21/13 00:58	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/21/13 00:58	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/13 00:58	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/13 00:58	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/13 00:58	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/13 00:58	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/13 00:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/21/13 00:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/13 00:58	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/21/13 00:58	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/13 00:58	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/13 00:58	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/13 00:58	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/13 00:58	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/13 00:58	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/13 00:58	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/21/13 00:58	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/21/13 00:58	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/21/13 00:58	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/13 00:58	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/13 00:58	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/21/13 00:58	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/13 00:58	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/21/13 00:58	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/13 00:58	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/21/13 00:58	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/21/13 00:58	99-87-6	
Methylene Chloride	**2.1**	ug/L	2.0	0.97	1		06/21/13 00:58	75-09-2	
4-Methyl-2-pentanone (MIBK)	**2.9J**	ug/L	5.0	0.33	1		06/21/13 00:58	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-5-6 **Lab ID: 92161315013** Collected: 06/11/13 16:03 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/17/13 14:51								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/21/13 00:58	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/21/13 00:58	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/21/13 00:58	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/13 00:58	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/13 00:58	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/13 00:58	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/13 00:58	127-18-4	
Toluene	**3.9**	ug/L	1.0	0.26	1		06/21/13 00:58	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/13 00:58	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/21/13 00:58	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/13 00:58	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/13 00:58	79-00-5	
Trichloroethene	**3.1**	ug/L	1.0	0.47	1		06/21/13 00:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/13 00:58	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/13 00:58	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/21/13 00:58	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/21/13 00:58	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/13 00:58	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/13 00:58	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/13 00:58	1330-20-7	
m&p-Xylene	**1.5J**	ug/L	2.0	0.66	1		06/21/13 00:58	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/13 00:58	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%			1		06/21/13 00:58	17060-07-0	
Toluene-d8 (S)	105	%			1		06/21/13 00:58	2037-26-5	
4-Bromofluorobenzene (S)	105	%			1		06/21/13 00:58	460-00-4	
Dibromofluoromethane (S)	108	%			1		06/21/13 00:58	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**19.3J**	ug/kg	82.8	8.3	1		06/14/13 18:33	67-64-1	
Benzene	ND	ug/kg	4.1	1.3	1		06/14/13 18:33	71-43-2	
Bromobenzene	ND	ug/kg	4.1	1.7	1		06/14/13 18:33	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	1.4	1		06/14/13 18:33	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1.6	1		06/14/13 18:33	75-27-4	
Bromoform	ND	ug/kg	4.1	1.9	1		06/14/13 18:33	75-25-2	
Bromomethane	ND	ug/kg	8.3	2.1	1		06/14/13 18:33	74-83-9	
2-Butanone (MEK)	ND	ug/kg	82.8	2.4	1		06/14/13 18:33	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1.5	1		06/14/13 18:33	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1.3	1		06/14/13 18:33	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.1	1.7	1		06/14/13 18:33	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.1	2.2	1		06/14/13 18:33	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1.6	1		06/14/13 18:33	108-90-7	
Chloroethane	ND	ug/kg	8.3	2.0	1		06/14/13 18:33	75-00-3	
Chloroform	ND	ug/kg	4.1	1.3	1		06/14/13 18:33	67-66-3	
Chloromethane	ND	ug/kg	8.3	2.0	1		06/14/13 18:33	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-5-6 **Lab ID: 92161315013** Collected: 06/11/13 16:03 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.1	1.4	1		06/14/13 18:33	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.1	1.5	1		06/14/13 18:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	3.0	1		06/14/13 18:33	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1.5	1		06/14/13 18:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1.5	1		06/14/13 18:33	106-93-4	
Dibromomethane	ND	ug/kg	4.1	2.1	1		06/14/13 18:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1.6	1		06/14/13 18:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1.7	1		06/14/13 18:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1.4	1		06/14/13 18:33	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.3	3.0	1		06/14/13 18:33	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1.2	1		06/14/13 18:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1.8	1		06/14/13 18:33	107-06-2	
1,1-Dichloroethene	**1.7J**	ug/kg	4.1	1.5	1		06/14/13 18:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1.2	1		06/14/13 18:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1.6	1		06/14/13 18:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1.4	1		06/14/13 18:33	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.1	1.6	1		06/14/13 18:33	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.1	1.4	1		06/14/13 18:33	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.1	1.2	1		06/14/13 18:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1.5	1		06/14/13 18:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1.2	1		06/14/13 18:33	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.1	1.4	1		06/14/13 18:33	108-20-3	
Ethylbenzene	ND	ug/kg	4.1	1.5	1		06/14/13 18:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	1.7	1		06/14/13 18:33	87-68-3	
2-Hexanone	ND	ug/kg	41.4	3.2	1		06/14/13 18:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.1	1.6	1		06/14/13 18:33	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.1	1.4	1		06/14/13 18:33	99-87-6	
Methylene Chloride	ND	ug/kg	16.6	2.5	1		06/14/13 18:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	41.4	3.1	1		06/14/13 18:33	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1.2	1		06/14/13 18:33	1634-04-4	
Naphthalene	ND	ug/kg	4.1	0.99	1		06/14/13 18:33	91-20-3	
n-Propylbenzene	ND	ug/kg	4.1	1.4	1		06/14/13 18:33	103-65-1	
Styrene	ND	ug/kg	4.1	1.5	1		06/14/13 18:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	1.7	1		06/14/13 18:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1.6	1		06/14/13 18:33	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1.4	1		06/14/13 18:33	127-18-4	
Toluene	ND	ug/kg	4.1	1.5	1		06/14/13 18:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1.8	1		06/14/13 18:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1.3	1		06/14/13 18:33	120-82-1	
1,1,1-Trichloroethane	**2.5J**	ug/kg	4.1	1.5	1		06/14/13 18:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1.7	1		06/14/13 18:33	79-00-5	
Trichloroethene	**170**	ug/kg	100	42.1	20		06/16/13 15:07	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1.8	1		06/14/13 18:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.1	1.3	1		06/14/13 18:33	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.1	1.7	1		06/14/13 18:33	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-5-6 **Lab ID: 92161315013** Collected: 06/11/13 16:03 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.1	1.5	1		06/14/13 18:33	108-67-8	
Vinyl acetate	ND	ug/kg	41.4	7.3	1		06/14/13 18:33	108-05-4	
Vinyl chloride	ND	ug/kg	8.3	1.5	1		06/14/13 18:33	75-01-4	
Xylene (Total)	ND	ug/kg	8.3	3.0	1		06/14/13 18:33	1330-20-7	
m&p-Xylene	ND	ug/kg	8.3	3.0	1		06/14/13 18:33	179601-23-1	
o-Xylene	ND	ug/kg	4.1	1.6	1		06/14/13 18:33	95-47-6	
Surrogates									
Dibromofluoromethane (S)	114	%	70-130		1		06/14/13 18:33	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		06/14/13 18:33	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1		06/14/13 18:33	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-132		1		06/14/13 18:33	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.8**	%	0.10	0.10	1		06/19/13 08:53		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.7**	% (w/w)	0.058	0.058	1		06/14/13 17:10		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-15-16 **Lab ID: 92161315014** Collected: 06/11/13 16:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/17/13 14:51								
Acetone	ND	ug/L	125	50.0	5		06/21/13 01:14	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/21/13 01:14	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/21/13 01:14	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/21/13 01:14	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/21/13 01:14	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/21/13 01:14	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/21/13 01:14	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/21/13 01:14	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/21/13 01:14	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/21/13 01:14	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/21/13 01:14	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/21/13 01:14	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/21/13 01:14	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/21/13 01:14	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/21/13 01:14	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/21/13 01:14	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/21/13 01:14	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/21/13 01:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/21/13 01:14	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/21/13 01:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/21/13 01:14	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/21/13 01:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/21/13 01:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/21/13 01:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/21/13 01:14	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/21/13 01:14	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/21/13 01:14	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/21/13 01:14	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/21/13 01:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/21/13 01:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/21/13 01:14	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/21/13 01:14	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/21/13 01:14	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/21/13 01:14	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/21/13 01:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/21/13 01:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/21/13 01:14	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/21/13 01:14	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/21/13 01:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/21/13 01:14	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/21/13 01:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/21/13 01:14	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/21/13 01:14	99-87-6	
Methylene Chloride	**7.2J**	ug/L	10.0	4.8	5		06/21/13 01:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/21/13 01:14	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-15-16 **Lab ID: 92161315014** Collected: 06/11/13 16:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/17/13 14:51								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/21/13 01:14	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/21/13 01:14	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/21/13 01:14	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/21/13 01:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/21/13 01:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/21/13 01:14	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/21/13 01:14	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/21/13 01:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/21/13 01:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/21/13 01:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/21/13 01:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/21/13 01:14	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/21/13 01:14	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/21/13 01:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/21/13 01:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/21/13 01:14	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/21/13 01:14	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/21/13 01:14	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/21/13 01:14	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/21/13 01:14	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/21/13 01:14	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/21/13 01:14	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%			5		06/21/13 01:14	17060-07-0	
Toluene-d8 (S)	100	%			5		06/21/13 01:14	2037-26-5	
4-Bromofluorobenzene (S)	108	%			5		06/21/13 01:14	460-00-4	
Dibromofluoromethane (S)	109	%			5		06/21/13 01:14	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	75.1	7.5	1		06/14/13 18:52	67-64-1	
Benzene	ND	ug/kg	3.8	1.2	1		06/14/13 18:52	71-43-2	
Bromobenzene	ND	ug/kg	3.8	1.5	1		06/14/13 18:52	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	1.3	1		06/14/13 18:52	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	75-27-4	
Bromoform	ND	ug/kg	3.8	1.7	1		06/14/13 18:52	75-25-2	
Bromomethane	ND	ug/kg	7.5	1.9	1		06/14/13 18:52	74-83-9	
2-Butanone (MEK)	ND	ug/kg	75.1	2.2	1		06/14/13 18:52	78-93-3	
n-Butylbenzene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.8	1.2	1		06/14/13 18:52	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.8	1.5	1		06/14/13 18:52	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.8	2.0	1		06/14/13 18:52	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	108-90-7	
Chloroethane	ND	ug/kg	7.5	1.8	1		06/14/13 18:52	75-00-3	
Chloroform	ND	ug/kg	3.8	1.2	1		06/14/13 18:52	67-66-3	
Chloromethane	ND	ug/kg	7.5	1.8	1		06/14/13 18:52	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-15-16 **Lab ID: 92161315014** Collected: 06/11/13 16:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	3.8	1.3	1		06/14/13 18:52	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.8	2.7	1		06/14/13 18:52	96-12-8	
Dibromochloromethane	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	106-93-4	
Dibromomethane	ND	ug/kg	3.8	1.9	1		06/14/13 18:52	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1.5	1		06/14/13 18:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1.3	1		06/14/13 18:52	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.5	2.7	1		06/14/13 18:52	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.8	1.1	1		06/14/13 18:52	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1.7	1		06/14/13 18:52	107-06-2	
1,1-Dichloroethene	**1.6J**	ug/kg	3.8	1.4	1		06/14/13 18:52	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.8	1.1	1		06/14/13 18:52	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1.3	1		06/14/13 18:52	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.8	1.3	1		06/14/13 18:52	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.8	1.1	1		06/14/13 18:52	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1.1	1		06/14/13 18:52	10061-02-6	
Diisopropyl ether	ND	ug/kg	3.8	1.3	1		06/14/13 18:52	108-20-3	
Ethylbenzene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	1.5	1		06/14/13 18:52	87-68-3	
2-Hexanone	ND	ug/kg	37.5	2.9	1		06/14/13 18:52	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.8	1.3	1		06/14/13 18:52	99-87-6	
Methylene Chloride	ND	ug/kg	15.0	2.3	1		06/14/13 18:52	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	37.5	2.8	1		06/14/13 18:52	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1.1	1		06/14/13 18:52	1634-04-4	
Naphthalene	ND	ug/kg	3.8	0.90	1		06/14/13 18:52	91-20-3	
n-Propylbenzene	ND	ug/kg	3.8	1.3	1		06/14/13 18:52	103-65-1	
Styrene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	1.6	1		06/14/13 18:52	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	79-34-5	
Tetrachloroethene	ND	ug/kg	3.8	1.3	1		06/14/13 18:52	127-18-4	
Toluene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1.7	1		06/14/13 18:52	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1.2	1		06/14/13 18:52	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.8	1.6	1		06/14/13 18:52	79-00-5	
Trichloroethene	**33.5**	ug/kg	3.8	1.6	1		06/14/13 18:52	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1.7	1		06/14/13 18:52	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.8	1.2	1		06/14/13 18:52	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	1.5	1		06/14/13 18:52	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-15-16 **Lab ID: 92161315014** Collected: 06/11/13 16:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	108-67-8	
Vinyl acetate	ND	ug/kg	37.5	6.6	1		06/14/13 18:52	108-05-4	
Vinyl chloride	ND	ug/kg	7.5	1.4	1		06/14/13 18:52	75-01-4	
Xylene (Total)	ND	ug/kg	7.5	2.7	1		06/14/13 18:52	1330-20-7	
m&p-Xylene	ND	ug/kg	7.5	2.7	1		06/14/13 18:52	179601-23-1	
o-Xylene	ND	ug/kg	3.8	1.4	1		06/14/13 18:52	95-47-6	
Surrogates									
Dibromofluoromethane (S)	112	%	70-130		1		06/14/13 18:52	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/14/13 18:52	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		06/14/13 18:52	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-132		1		06/14/13 18:52	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.7**	%	0.10	0.10	1		06/19/13 08:54		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.6**	% (w/w)	0.058	0.058	1		06/14/13 17:12		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-25-26 **Lab ID: 92161315015** Collected: 06/11/13 17:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/17/13 14:51								
Acetone	ND	ug/L	125	50.0	5		06/21/13 01:30	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/21/13 01:30	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/21/13 01:30	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/21/13 01:30	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/21/13 01:30	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/21/13 01:30	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/21/13 01:30	74-83-9	
2-Butanone (MEK)	**22.2J**	ug/L	25.0	4.8	5		06/21/13 01:30	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/21/13 01:30	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/21/13 01:30	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/21/13 01:30	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/21/13 01:30	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/21/13 01:30	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/21/13 01:30	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/21/13 01:30	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/21/13 01:30	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/21/13 01:30	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/21/13 01:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/21/13 01:30	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/21/13 01:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/21/13 01:30	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/21/13 01:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/21/13 01:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/21/13 01:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/21/13 01:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/21/13 01:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/21/13 01:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/21/13 01:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/21/13 01:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/21/13 01:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/21/13 01:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/21/13 01:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/21/13 01:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/21/13 01:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/21/13 01:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/21/13 01:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/21/13 01:30	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/21/13 01:30	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/21/13 01:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/21/13 01:30	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/21/13 01:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/21/13 01:30	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/21/13 01:30	99-87-6	
Methylene Chloride	**3010**	ug/L	100	48.5	50		06/22/13 06:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**14.6J**	ug/L	25.0	1.6	5		06/21/13 01:30	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-25-26 **Lab ID: 92161315015** Collected: 06/11/13 17:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/17/13 14:51								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/21/13 01:30	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/21/13 01:30	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/21/13 01:30	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/21/13 01:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/21/13 01:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/21/13 01:30	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/21/13 01:30	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/21/13 01:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/21/13 01:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/21/13 01:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/21/13 01:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/21/13 01:30	79-00-5	
Trichloroethene	**9.8**	ug/L	5.0	2.4	5		06/21/13 01:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/21/13 01:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/21/13 01:30	96-18-4	
1,2,4-Trimethylbenzene	**18.9**	ug/L	5.0	1.6	5		06/21/13 01:30	95-63-6	
1,3,5-Trimethylbenzene	**4.3J**	ug/L	5.0	1.8	5		06/21/13 01:30	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/21/13 01:30	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/21/13 01:30	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/21/13 01:30	1330-20-7	
m&p-Xylene	**5.8J**	ug/L	10.0	3.3	5		06/21/13 01:30	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/21/13 01:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%			5		06/21/13 01:30	17060-07-0	
Toluene-d8 (S)	101	%			5		06/21/13 01:30	2037-26-5	
4-Bromofluorobenzene (S)	105	%			5		06/21/13 01:30	460-00-4	
Dibromofluoromethane (S)	108	%			5		06/21/13 01:30	1868-53-7	
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	100	24.0	20		06/27/13 10:05	71-43-2	
2-Butanone (MEK)	ND	ug/L	200	56.0	20		06/27/13 10:05	78-93-3	
Carbon tetrachloride	ND	ug/L	100	54.0	20		06/27/13 10:05	56-23-5	
Chlorobenzene	ND	ug/L	100	20.0	20		06/27/13 10:05	108-90-7	
Chloroform	ND	ug/L	100	40.0	20		06/27/13 10:05	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	24.0	20		06/27/13 10:05	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	26.0	20		06/27/13 10:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	68.0	20		06/27/13 10:05	75-35-4	
Tetrachloroethene	ND	ug/L	100	38.0	20		06/27/13 10:05	127-18-4	
Trichloroethene	ND	ug/L	100	20.0	20		06/27/13 10:05	79-01-6	
Vinyl chloride	ND	ug/L	100	38.0	20		06/27/13 10:05	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%	70-130		20		06/27/13 10:05	17060-07-0	
Toluene-d8 (S)	99	%	67-135		20		06/27/13 10:05	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		20		06/27/13 10:05	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		20		06/27/13 10:05	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-25-26 **Lab ID: 92161315015** Collected: 06/11/13 17:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	78.5	7.9	1		06/14/13 19:11	67-64-1	
Benzene	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	71-43-2	
Bromobenzene	ND	ug/kg	3.9	1.6	1		06/14/13 19:11	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	1.5	1		06/14/13 19:11	75-27-4	
Bromoform	ND	ug/kg	3.9	1.8	1		06/14/13 19:11	75-25-2	
Bromomethane	ND	ug/kg	7.9	2.0	1		06/14/13 19:11	74-83-9	
2-Butanone (MEK)	ND	ug/kg	78.5	2.3	1		06/14/13 19:11	78-93-3	
n-Butylbenzene	ND	ug/kg	3.9	1.4	1		06/14/13 19:11	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.9	1.6	1		06/14/13 19:11	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.9	2.0	1		06/14/13 19:11	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1.5	1		06/14/13 19:11	108-90-7	
Chloroethane	ND	ug/kg	7.9	1.9	1		06/14/13 19:11	75-00-3	
Chloroform	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	67-66-3	
Chloromethane	ND	ug/kg	7.9	1.9	1		06/14/13 19:11	74-87-3	
2-Chlorotoluene	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.9	1.4	1		06/14/13 19:11	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.9	2.8	1		06/14/13 19:11	96-12-8	
Dibromochloromethane	ND	ug/kg	3.9	1.4	1		06/14/13 19:11	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	1.4	1		06/14/13 19:11	106-93-4	
Dibromomethane	ND	ug/kg	3.9	2.0	1		06/14/13 19:11	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.9	1.5	1		06/14/13 19:11	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1.6	1		06/14/13 19:11	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.9	2.8	1		06/14/13 19:11	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.9	1.2	1		06/14/13 19:11	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1.7	1		06/14/13 19:11	107-06-2	
1,1-Dichloroethene	**10.7**	ug/kg	3.9	1.4	1		06/14/13 19:11	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.9	1.1	1		06/14/13 19:11	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	1.5	1		06/14/13 19:11	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.9	1.5	1		06/14/13 19:11	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.9	1.2	1		06/14/13 19:11	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1.4	1		06/14/13 19:11	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1.2	1		06/14/13 19:11	10061-02-6	
Diisopropyl ether	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	108-20-3	
Ethylbenzene	ND	ug/kg	3.9	1.4	1		06/14/13 19:11	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	1.6	1		06/14/13 19:11	87-68-3	
2-Hexanone	ND	ug/kg	39.3	3.1	1		06/14/13 19:11	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1.5	1		06/14/13 19:11	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	99-87-6	
Methylene Chloride	ND	ug/kg	15.7	2.4	1		06/14/13 19:11	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	39.3	2.9	1		06/14/13 19:11	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-11-25-26 **Lab ID: 92161315015** Collected: 06/11/13 17:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Methyl-tert-butyl ether	ND	ug/kg	3.9	1.2	1		06/14/13 19:11	1634-04-4	
Naphthalene	ND	ug/kg	3.9	0.94	1		06/14/13 19:11	91-20-3	
n-Propylbenzene	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	103-65-1	
Styrene	ND	ug/kg	3.9	1.4	1		06/14/13 19:11	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	1.6	1		06/14/13 19:11	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1.5	1		06/14/13 19:11	79-34-5	
Tetrachloroethene	**1.6J**	ug/kg	3.9	1.3	1		06/14/13 19:11	127-18-4	
Toluene	ND	ug/kg	3.9	1.4	1		06/14/13 19:11	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	1.7	1		06/14/13 19:11	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	120-82-1	
1,1,1-Trichloroethane	**1.5J**	ug/kg	3.9	1.4	1		06/14/13 19:11	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1.6	1		06/14/13 19:11	79-00-5	
Trichloroethene	**1840**	ug/kg	129	54.4	20		06/16/13 16:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	1.7	1		06/14/13 19:11	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.9	1.3	1		06/14/13 19:11	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	1.6	1		06/14/13 19:11	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	1.4	1		06/14/13 19:11	108-67-8	
Vinyl acetate	ND	ug/kg	39.3	6.9	1		06/14/13 19:11	108-05-4	
Vinyl chloride	ND	ug/kg	7.9	1.4	1		06/14/13 19:11	75-01-4	
Xylene (Total)	ND	ug/kg	7.9	2.8	1		06/14/13 19:11	1330-20-7	
m&p-Xylene	ND	ug/kg	7.9	2.8	1		06/14/13 19:11	179601-23-1	
o-Xylene	ND	ug/kg	3.9	1.5	1		06/14/13 19:11	95-47-6	
Surrogates									
Dibromofluoromethane (S)	115	%	70-130		1		06/14/13 19:11	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		06/14/13 19:11	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		06/14/13 19:11	460-00-4	
1,2-Dichloroethane-d4 (S)	110	%	70-132		1		06/14/13 19:11	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.2**	%	0.10	0.10	1		06/19/13 08:54		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.3**	% (w/w)	0.058	0.058	1		06/14/13 17:14		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-5-6 **Lab ID: 92161315016** Collected: 06/11/13 17:15 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/17/13 14:51								
Acetone	**28.0**	ug/L	25.0	10.0	1		06/21/13 01:46	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/13 01:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/21/13 01:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/13 01:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/13 01:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/13 01:46	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/13 01:46	74-83-9	
2-Butanone (MEK)	**17.0**	ug/L	5.0	0.96	1		06/21/13 01:46	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/21/13 01:46	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/21/13 01:46	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/21/13 01:46	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/13 01:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/13 01:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/13 01:46	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/13 01:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/13 01:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/21/13 01:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/21/13 01:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/13 01:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/13 01:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/13 01:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/13 01:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/13 01:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/21/13 01:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/13 01:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/21/13 01:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/13 01:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/13 01:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/13 01:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/13 01:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/13 01:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/13 01:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/21/13 01:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/21/13 01:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/21/13 01:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/13 01:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/13 01:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/21/13 01:46	108-20-3	
Ethylbenzene	**4.6**	ug/L	1.0	0.30	1		06/21/13 01:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/21/13 01:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/13 01:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/21/13 01:46	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/21/13 01:46	99-87-6	
Methylene Chloride	**7.8**	ug/L	2.0	0.97	1		06/21/13 01:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	**111**	ug/L	5.0	0.33	1		06/21/13 01:46	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-5-6 **Lab ID: 92161315016** Collected: 06/11/13 17:15 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/17/13 14:51								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/21/13 01:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/21/13 01:46	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/21/13 01:46	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/13 01:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/13 01:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/13 01:46	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/13 01:46	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/21/13 01:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/13 01:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/21/13 01:46	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/13 01:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/13 01:46	79-00-5	
Trichloroethene	**1.0**	ug/L	1.0	0.47	1		06/21/13 01:46	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/13 01:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/13 01:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/21/13 01:46	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/21/13 01:46	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/13 01:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/13 01:46	75-01-4	
Xylene (Total)	**37.5**	ug/L	2.0	0.66	1		06/21/13 01:46	1330-20-7	
m&p-Xylene	**26.5**	ug/L	2.0	0.66	1		06/21/13 01:46	179601-23-1	
o-Xylene	**11.0**	ug/L	1.0	0.23	1		06/21/13 01:46	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%			1		06/21/13 01:46	17060-07-0	
Toluene-d8 (S)	102	%			1		06/21/13 01:46	2037-26-5	
4-Bromofluorobenzene (S)	107	%			1		06/21/13 01:46	460-00-4	
Dibromofluoromethane (S)	108	%			1		06/21/13 01:46	1868-53-7	
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	100	24.0	20		06/27/13 10:22	71-43-2	
2-Butanone (MEK)	ND	ug/L	200	56.0	20		06/27/13 10:22	78-93-3	
Carbon tetrachloride	ND	ug/L	100	54.0	20		06/27/13 10:22	56-23-5	
Chlorobenzene	ND	ug/L	100	20.0	20		06/27/13 10:22	108-90-7	
Chloroform	ND	ug/L	100	40.0	20		06/27/13 10:22	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	24.0	20		06/27/13 10:22	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	26.0	20		06/27/13 10:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	68.0	20		06/27/13 10:22	75-35-4	
Tetrachloroethene	ND	ug/L	100	38.0	20		06/27/13 10:22	127-18-4	
Trichloroethene	ND	ug/L	100	20.0	20		06/27/13 10:22	79-01-6	
Vinyl chloride	ND	ug/L	100	38.0	20		06/27/13 10:22	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%	70-130		20		06/27/13 10:22	17060-07-0	
Toluene-d8 (S)	99	%	67-135		20		06/27/13 10:22	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		20		06/27/13 10:22	460-00-4	
Dibromofluoromethane (S)	97	%	70-130		20		06/27/13 10:22	1868-53-7	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-5-6 **Lab ID: 92161315016** Collected: 06/11/13 17:15 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**30.2J**	ug/kg	122	12.2	1		06/14/13 19:30	67-64-1	
Benzene	ND	ug/kg	6.1	2.0	1		06/14/13 19:30	71-43-2	
Bromobenzene	ND	ug/kg	6.1	2.4	1		06/14/13 19:30	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	2.1	1		06/14/13 19:30	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	2.3	1		06/14/13 19:30	75-27-4	
Bromoform	ND	ug/kg	6.1	2.8	1		06/14/13 19:30	75-25-2	
Bromomethane	ND	ug/kg	12.2	3.0	1		06/14/13 19:30	74-83-9	
2-Butanone (MEK)	ND	ug/kg	122	3.5	1		06/14/13 19:30	78-93-3	
n-Butylbenzene	ND	ug/kg	6.1	2.2	1		06/14/13 19:30	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.1	2.0	1		06/14/13 19:30	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	2.4	1		06/14/13 19:30	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.1	3.2	1		06/14/13 19:30	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	2.3	1		06/14/13 19:30	108-90-7	
Chloroethane	ND	ug/kg	12.2	2.9	1		06/14/13 19:30	75-00-3	
Chloroform	ND	ug/kg	6.1	2.0	1		06/14/13 19:30	67-66-3	
Chloromethane	ND	ug/kg	12.2	2.9	1		06/14/13 19:30	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.1	2.1	1		06/14/13 19:30	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	2.2	1		06/14/13 19:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	4.4	1		06/14/13 19:30	96-12-8	
Dibromochloromethane	ND	ug/kg	6.1	2.2	1		06/14/13 19:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	2.2	1		06/14/13 19:30	106-93-4	
Dibromomethane	ND	ug/kg	6.1	3.0	1		06/14/13 19:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	2.3	1		06/14/13 19:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	2.4	1		06/14/13 19:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	2.1	1		06/14/13 19:30	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.2	4.4	1		06/14/13 19:30	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1.8	1		06/14/13 19:30	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	2.7	1		06/14/13 19:30	107-06-2	
1,1-Dichloroethene	**10.5**	ug/kg	6.1	2.2	1		06/14/13 19:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1.7	1		06/14/13 19:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	2.3	1		06/14/13 19:30	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	2.1	1		06/14/13 19:30	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	2.3	1		06/14/13 19:30	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	2.1	1		06/14/13 19:30	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.1	1.8	1		06/14/13 19:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	2.2	1		06/14/13 19:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1.8	1		06/14/13 19:30	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.1	2.1	1		06/14/13 19:30	108-20-3	
Ethylbenzene	ND	ug/kg	6.1	2.2	1		06/14/13 19:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	2.4	1		06/14/13 19:30	87-68-3	
2-Hexanone	ND	ug/kg	60.9	4.8	1		06/14/13 19:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	2.3	1		06/14/13 19:30	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.1	2.1	1		06/14/13 19:30	99-87-6	
Methylene Chloride	ND	ug/kg	24.4	3.7	1		06/14/13 19:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.9	4.5	1		06/14/13 19:30	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-5-6 **Lab ID: 92161315016** Collected: 06/11/13 17:15 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Methyl-tert-butyl ether	ND	ug/kg	6.1	1.8	1		06/14/13 19:30	1634-04-4	
Naphthalene	ND	ug/kg	6.1	1.5	1		06/14/13 19:30	91-20-3	
n-Propylbenzene	ND	ug/kg	6.1	2.1	1		06/14/13 19:30	103-65-1	
Styrene	ND	ug/kg	6.1	2.2	1		06/14/13 19:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	2.6	1		06/14/13 19:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	2.3	1		06/14/13 19:30	79-34-5	
Tetrachloroethene	**4.5J**	ug/kg	6.1	2.1	1		06/14/13 19:30	127-18-4	
Toluene	ND	ug/kg	6.1	2.2	1		06/14/13 19:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	2.7	1		06/14/13 19:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	2.0	1		06/14/13 19:30	120-82-1	
1,1,1-Trichloroethane	**37.1**	ug/kg	6.1	2.2	1		06/14/13 19:30	71-55-6	
1,1,2-Trichloroethane	**20.6**	ug/kg	6.1	2.6	1		06/14/13 19:30	79-00-5	
Trichloroethene	**1270**	ug/kg	355	149	50		06/16/13 16:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	2.7	1		06/14/13 19:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	2.0	1		06/14/13 19:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	2.4	1		06/14/13 19:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	2.2	1		06/14/13 19:30	108-67-8	
Vinyl acetate	ND	ug/kg	60.9	10.7	1		06/14/13 19:30	108-05-4	
Vinyl chloride	ND	ug/kg	12.2	2.2	1		06/14/13 19:30	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	4.4	1		06/14/13 19:30	1330-20-7	
m&p-Xylene	ND	ug/kg	12.2	4.4	1		06/14/13 19:30	179601-23-1	
o-Xylene	ND	ug/kg	6.1	2.3	1		06/14/13 19:30	95-47-6	
Surrogates									
Dibromofluoromethane (S)	118	%	70-130		1		06/14/13 19:30	1868-53-7	
Toluene-d8 (S)	88	%	70-130		1		06/14/13 19:30	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		06/14/13 19:30	460-00-4	
1,2-Dichloroethane-d4 (S)	112	%	70-132		1		06/14/13 19:30	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.8**	%	0.10	0.10	1		06/19/13 08:54		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**2.1**	% (w/w)	0.058	0.058	1		06/14/13 17:15		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-15-16 **Lab ID: 92161315017** Collected: 06/11/13 17:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Acetone	**18.3J**	ug/L	25.0	10.0	1		06/22/13 07:21	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/22/13 07:21	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/22/13 07:21	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/22/13 07:21	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/22/13 07:21	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/22/13 07:21	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/22/13 07:21	74-83-9	
2-Butanone (MEK)	**17.0**	ug/L	5.0	0.96	1		06/22/13 07:21	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/22/13 07:21	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/22/13 07:21	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/22/13 07:21	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/22/13 07:21	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/22/13 07:21	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/22/13 07:21	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/22/13 07:21	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/22/13 07:21	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/22/13 07:21	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/22/13 07:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/22/13 07:21	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/22/13 07:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/22/13 07:21	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/22/13 07:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/22/13 07:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/22/13 07:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/22/13 07:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/22/13 07:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/22/13 07:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/22/13 07:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/22/13 07:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/22/13 07:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/22/13 07:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/22/13 07:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/22/13 07:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/22/13 07:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/22/13 07:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/22/13 07:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/22/13 07:21	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/22/13 07:21	108-20-3	
Ethylbenzene	**6.9**	ug/L	1.0	0.30	1		06/22/13 07:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/22/13 07:21	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/22/13 07:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/22/13 07:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/22/13 07:21	99-87-6	
Methylene Chloride	**46.9**	ug/L	2.0	0.97	1		06/22/13 07:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	**130**	ug/L	5.0	0.33	1		06/22/13 07:21	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-15-16 **Lab ID: 92161315017** Collected: 06/11/13 17:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/22/13 07:21	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/22/13 07:21	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/22/13 07:21	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/22/13 07:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/22/13 07:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/22/13 07:21	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/22/13 07:21	127-18-4	
Toluene	**6.8**	ug/L	1.0	0.26	1		06/22/13 07:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/22/13 07:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/22/13 07:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/22/13 07:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/22/13 07:21	79-00-5	
Trichloroethene	**5.8**	ug/L	1.0	0.47	1		06/22/13 07:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/22/13 07:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/22/13 07:21	96-18-4	
1,2,4-Trimethylbenzene	**1.7**	ug/L	1.0	0.31	1		06/22/13 07:21	95-63-6	
1,3,5-Trimethylbenzene	**0.45J**	ug/L	1.0	0.36	1		06/22/13 07:21	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/22/13 07:21	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/22/13 07:21	75-01-4	
Xylene (Total)	**49.1**	ug/L	2.0	0.66	1		06/22/13 07:21	1330-20-7	
m&p-Xylene	**34.9**	ug/L	2.0	0.66	1		06/22/13 07:21	179601-23-1	
o-Xylene	**14.2**	ug/L	1.0	0.23	1		06/22/13 07:21	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%			1		06/22/13 07:21	17060-07-0	
Toluene-d8 (S)	101	%			1		06/22/13 07:21	2037-26-5	
4-Bromofluorobenzene (S)	108	%			1		06/22/13 07:21	460-00-4	
Dibromofluoromethane (S)	106	%			1		06/22/13 07:21	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**132**	ug/kg	87.1	8.7	1		06/14/13 19:49	67-64-1	A+
Benzene	ND	ug/kg	4.4	1.4	1		06/14/13 19:49	71-43-2	
Bromobenzene	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	108-86-1	
Bromochloromethane	ND	ug/kg	4.4	1.5	1		06/14/13 19:49	74-97-5	
Bromodichloromethane	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	75-27-4	
Bromoform	ND	ug/kg	4.4	2.0	1		06/14/13 19:49	75-25-2	
Bromomethane	ND	ug/kg	8.7	2.2	1		06/14/13 19:49	74-83-9	
2-Butanone (MEK)	**41.1J**	ug/kg	87.1	2.5	1		06/14/13 19:49	78-93-3	
n-Butylbenzene	ND	ug/kg	4.4	1.6	1		06/14/13 19:49	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.4	1.4	1		06/14/13 19:49	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.4	2.3	1		06/14/13 19:49	56-23-5	
Chlorobenzene	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	108-90-7	
Chloroethane	ND	ug/kg	8.7	2.1	1		06/14/13 19:49	75-00-3	
Chloroform	**10.1**	ug/kg	4.4	1.4	1		06/14/13 19:49	67-66-3	
Chloromethane	ND	ug/kg	8.7	2.1	1		06/14/13 19:49	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-15-16 **Lab ID: 92161315017** Collected: 06/11/13 17:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.4	1.5	1		06/14/13 19:49	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.4	1.6	1		06/14/13 19:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.4	3.1	1		06/14/13 19:49	96-12-8	
Dibromochloromethane	ND	ug/kg	4.4	1.6	1		06/14/13 19:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.4	1.6	1		06/14/13 19:49	106-93-4	
Dibromomethane	ND	ug/kg	4.4	2.2	1		06/14/13 19:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.4	1.5	1		06/14/13 19:49	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.7	3.1	1		06/14/13 19:49	75-71-8	
1,1-Dichloroethane	**4.8**	ug/kg	4.4	1.3	1		06/14/13 19:49	75-34-3	
1,2-Dichloroethane	**16.6**	ug/kg	4.4	1.9	1		06/14/13 19:49	107-06-2	
1,1-Dichloroethene	**219**	ug/kg	4.4	1.6	1		06/14/13 19:49	75-35-4	E
cis-1,2-Dichloroethene	**9.6**	ug/kg	4.4	1.2	1		06/14/13 19:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.4	1.5	1		06/14/13 19:49	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.4	1.5	1		06/14/13 19:49	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.4	1.3	1		06/14/13 19:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.4	1.6	1		06/14/13 19:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.4	1.3	1		06/14/13 19:49	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.4	1.5	1		06/14/13 19:49	108-20-3	
Ethylbenzene	ND	ug/kg	4.4	1.6	1		06/14/13 19:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	87-68-3	
2-Hexanone	ND	ug/kg	43.6	3.4	1		06/14/13 19:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.4	1.5	1		06/14/13 19:49	99-87-6	
Methylene Chloride	ND	ug/kg	17.4	2.6	1		06/14/13 19:49	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	43.6	3.2	1		06/14/13 19:49	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.4	1.3	1		06/14/13 19:49	1634-04-4	
Naphthalene	ND	ug/kg	4.4	1.0	1		06/14/13 19:49	91-20-3	
n-Propylbenzene	ND	ug/kg	4.4	1.5	1		06/14/13 19:49	103-65-1	
Styrene	ND	ug/kg	4.4	1.6	1		06/14/13 19:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.4	1.8	1		06/14/13 19:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	79-34-5	
Tetrachloroethene	**82.5**	ug/kg	4.4	1.5	1		06/14/13 19:49	127-18-4	
Toluene	**1.8J**	ug/kg	4.4	1.6	1		06/14/13 19:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.4	1.9	1		06/14/13 19:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.4	1.4	1		06/14/13 19:49	120-82-1	
1,1,1-Trichloroethane	**342**	ug/kg	4.4	1.6	1		06/14/13 19:49	71-55-6	E
1,1,2-Trichloroethane	**191**	ug/kg	4.4	1.8	1		06/14/13 19:49	79-00-5	E
Trichloroethene	**28500**	ug/kg	5160	2170	1000		06/16/13 16:41	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.4	1.9	1		06/14/13 19:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.4	1.4	1		06/14/13 19:49	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-15-16 **Lab ID: 92161315017** Collected: 06/11/13 17:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.4	1.6	1		06/14/13 19:49	108-67-8	
Vinyl acetate	ND	ug/kg	43.6	7.7	1		06/14/13 19:49	108-05-4	
Vinyl chloride	ND	ug/kg	8.7	1.6	1		06/14/13 19:49	75-01-4	
Xylene (Total)	ND	ug/kg	8.7	3.1	1		06/14/13 19:49	1330-20-7	
m&p-Xylene	ND	ug/kg	8.7	3.1	1		06/14/13 19:49	179601-23-1	
o-Xylene	ND	ug/kg	4.4	1.7	1		06/14/13 19:49	95-47-6	
Surrogates									
Dibromofluoromethane (S)	125	%	70-130		1		06/14/13 19:49	1868-53-7	
Toluene-d8 (S)	140	%	70-130		1		06/14/13 19:49	2037-26-5	S2
4-Bromofluorobenzene (S)	95	%	70-130		1		06/14/13 19:49	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70-132		1		06/14/13 19:49	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.5**	%	0.10	0.10	1		06/19/13 08:54		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.6**	% (w/w)	0.058	0.058	1		06/14/13 17:16		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-25-26 **Lab ID: 92161315018** Collected: 06/11/13 18:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Acetone	ND	ug/L	125	50.0	5		06/22/13 07:37	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 07:37	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 07:37	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 07:37	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 07:37	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 07:37	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 07:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/22/13 07:37	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 07:37	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 07:37	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 07:37	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 07:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 07:37	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 07:37	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 07:37	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 07:37	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 07:37	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 07:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 07:37	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 07:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 07:37	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 07:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 07:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 07:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 07:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 07:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 07:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 07:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 07:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 07:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 07:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 07:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 07:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 07:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 07:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 07:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 07:37	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 07:37	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/22/13 07:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 07:37	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 07:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 07:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 07:37	99-87-6	
Methylene Chloride	**8.8J**	ug/L	10.0	4.8	5		06/22/13 07:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	**11.1J**	ug/L	25.0	1.6	5		06/22/13 07:37	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-25-26 **Lab ID: 92161315018** Collected: 06/11/13 18:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 07:37	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 07:37	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 07:37	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 07:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 07:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 07:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 07:37	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/22/13 07:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 07:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 07:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 07:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 07:37	79-00-5	
Trichloroethene	**9.1**	ug/L	5.0	2.4	5		06/22/13 07:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 07:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 07:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/22/13 07:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/22/13 07:37	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 07:37	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 07:37	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/22/13 07:37	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/22/13 07:37	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/22/13 07:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%			5		06/22/13 07:37	17060-07-0	
Toluene-d8 (S)	101	%			5		06/22/13 07:37	2037-26-5	
4-Bromofluorobenzene (S)	108	%			5		06/22/13 07:37	460-00-4	
Dibromofluoromethane (S)	110	%			5		06/22/13 07:37	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	75.7	7.6	1		06/14/13 20:08	67-64-1	
Benzene	ND	ug/kg	3.8	1.2	1		06/14/13 20:08	71-43-2	
Bromobenzene	ND	ug/kg	3.8	1.5	1		06/14/13 20:08	108-86-1	
Bromochloromethane	ND	ug/kg	3.8	1.3	1		06/14/13 20:08	74-97-5	
Bromodichloromethane	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	75-27-4	
Bromoform	ND	ug/kg	3.8	1.7	1		06/14/13 20:08	75-25-2	
Bromomethane	ND	ug/kg	7.6	1.9	1		06/14/13 20:08	74-83-9	
2-Butanone (MEK)	ND	ug/kg	75.7	2.2	1		06/14/13 20:08	78-93-3	
n-Butylbenzene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.8	1.2	1		06/14/13 20:08	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.8	1.5	1		06/14/13 20:08	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.8	2.0	1		06/14/13 20:08	56-23-5	
Chlorobenzene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	108-90-7	
Chloroethane	ND	ug/kg	7.6	1.8	1		06/14/13 20:08	75-00-3	
Chloroform	ND	ug/kg	3.8	1.2	1		06/14/13 20:08	67-66-3	
Chloromethane	ND	ug/kg	7.6	1.8	1		06/14/13 20:08	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-25-26 **Lab ID: 92161315018** Collected: 06/11/13 18:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	3.8	1.3	1		06/14/13 20:08	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.8	2.7	1		06/14/13 20:08	96-12-8	
Dibromochloromethane	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	106-93-4	
Dibromomethane	ND	ug/kg	3.8	1.9	1		06/14/13 20:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.8	1.5	1		06/14/13 20:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.8	1.3	1		06/14/13 20:08	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.6	2.7	1		06/14/13 20:08	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.8	1.1	1		06/14/13 20:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.8	1.7	1		06/14/13 20:08	107-06-2	
1,1-Dichloroethene	**66.2**	ug/kg	3.8	1.4	1		06/14/13 20:08	75-35-4	
cis-1,2-Dichloroethene	**2.2J**	ug/kg	3.8	1.1	1		06/14/13 20:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.8	1.3	1		06/14/13 20:08	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.8	1.3	1		06/14/13 20:08	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.8	1.1	1		06/14/13 20:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.8	1.1	1		06/14/13 20:08	10061-02-6	
Diisopropyl ether	ND	ug/kg	3.8	1.3	1		06/14/13 20:08	108-20-3	
Ethylbenzene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.8	1.5	1		06/14/13 20:08	87-68-3	
2-Hexanone	ND	ug/kg	37.8	3.0	1		06/14/13 20:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.8	1.3	1		06/14/13 20:08	99-87-6	
Methylene Chloride	ND	ug/kg	15.1	2.3	1		06/14/13 20:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	37.8	2.8	1		06/14/13 20:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.8	1.1	1		06/14/13 20:08	1634-04-4	
Naphthalene	ND	ug/kg	3.8	0.91	1		06/14/13 20:08	91-20-3	
n-Propylbenzene	ND	ug/kg	3.8	1.3	1		06/14/13 20:08	103-65-1	
Styrene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.8	1.6	1		06/14/13 20:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	79-34-5	
Tetrachloroethene	**12.1**	ug/kg	3.8	1.3	1		06/14/13 20:08	127-18-4	
Toluene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.8	1.7	1		06/14/13 20:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.8	1.2	1		06/14/13 20:08	120-82-1	
1,1,1-Trichloroethane	**12.6**	ug/kg	3.8	1.4	1		06/14/13 20:08	71-55-6	
1,1,2-Trichloroethane	**2.0J**	ug/kg	3.8	1.6	1		06/14/13 20:08	79-00-5	
Trichloroethene	**2990**	ug/kg	1070	448	250		06/16/13 17:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.8	1.7	1		06/14/13 20:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.8	1.2	1		06/14/13 20:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.8	1.5	1		06/14/13 20:08	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-12-25-26 **Lab ID: 92161315018** Collected: 06/11/13 18:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	108-67-8	
Vinyl acetate	ND	ug/kg	37.8	6.7	1		06/14/13 20:08	108-05-4	
Vinyl chloride	ND	ug/kg	7.6	1.4	1		06/14/13 20:08	75-01-4	
Xylene (Total)	ND	ug/kg	7.6	2.7	1		06/14/13 20:08	1330-20-7	
m&p-Xylene	ND	ug/kg	7.6	2.7	1		06/14/13 20:08	179601-23-1	
o-Xylene	ND	ug/kg	3.8	1.4	1		06/14/13 20:08	95-47-6	
Surrogates									
Dibromofluoromethane (S)	121	%	70-130		1		06/14/13 20:08	1868-53-7	
Toluene-d8 (S)	81	%	70-130		1		06/14/13 20:08	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		06/14/13 20:08	460-00-4	
1,2-Dichloroethane-d4 (S)	123	%	70-132		1		06/14/13 20:08	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**12.5**	%	0.10	0.10	1		06/19/13 08:54		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.9**	% (w/w)	0.058	0.058	1		06/14/13 17:17		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-5-6 **Lab ID: 92161315019** Collected: 06/12/13 08:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Acetone	ND	ug/L	25.0	10.0	1		06/21/13 02:34	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/21/13 02:34	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/21/13 02:34	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/21/13 02:34	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/21/13 02:34	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/21/13 02:34	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/21/13 02:34	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/21/13 02:34	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/21/13 02:34	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/21/13 02:34	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/21/13 02:34	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/21/13 02:34	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/21/13 02:34	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/21/13 02:34	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/21/13 02:34	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/21/13 02:34	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/21/13 02:34	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/21/13 02:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/21/13 02:34	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/21/13 02:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/21/13 02:34	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/21/13 02:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/21/13 02:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/21/13 02:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/13 02:34	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/21/13 02:34	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/21/13 02:34	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/21/13 02:34	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/21/13 02:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/21/13 02:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/21/13 02:34	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/21/13 02:34	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/21/13 02:34	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/21/13 02:34	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/21/13 02:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/21/13 02:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/21/13 02:34	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/21/13 02:34	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/21/13 02:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/21/13 02:34	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/21/13 02:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/21/13 02:34	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/21/13 02:34	99-87-6	
Methylene Chloride	**4.0**	ug/L	2.0	0.97	1		06/21/13 02:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/21/13 02:34	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-5-6 **Lab ID: 92161315019** Collected: 06/12/13 08:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/21/13 02:34	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/21/13 02:34	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/21/13 02:34	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/21/13 02:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/21/13 02:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/21/13 02:34	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/21/13 02:34	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/21/13 02:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/21/13 02:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/21/13 02:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/21/13 02:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/21/13 02:34	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/21/13 02:34	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/21/13 02:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/21/13 02:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/21/13 02:34	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/21/13 02:34	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/21/13 02:34	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/21/13 02:34	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/21/13 02:34	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/21/13 02:34	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/21/13 02:34	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%			1		06/21/13 02:34	17060-07-0	
Toluene-d8 (S)	103	%			1		06/21/13 02:34	2037-26-5	
4-Bromofluorobenzene (S)	107	%			1		06/21/13 02:34	460-00-4	
Dibromofluoromethane (S)	108	%			1		06/21/13 02:34	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**32.6J**	ug/kg	108	10.8	1		06/16/13 17:38	67-64-1	
Benzene	ND	ug/kg	5.4	1.7	1		06/16/13 17:38	71-43-2	
Bromobenzene	ND	ug/kg	5.4	2.2	1		06/16/13 17:38	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	1.8	1		06/16/13 17:38	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	2.1	1		06/16/13 17:38	75-27-4	
Bromoform	ND	ug/kg	5.4	2.5	1		06/16/13 17:38	75-25-2	
Bromomethane	ND	ug/kg	10.8	2.7	1		06/16/13 17:38	74-83-9	
2-Butanone (MEK)	ND	ug/kg	108	3.1	1		06/16/13 17:38	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1.7	1		06/16/13 17:38	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.4	2.2	1		06/16/13 17:38	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.4	2.8	1		06/16/13 17:38	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	2.1	1		06/16/13 17:38	108-90-7	
Chloroethane	ND	ug/kg	10.8	2.6	1		06/16/13 17:38	75-00-3	
Chloroform	ND	ug/kg	5.4	1.7	1		06/16/13 17:38	67-66-3	
Chloromethane	ND	ug/kg	10.8	2.6	1		06/16/13 17:38	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-5-6 **Lab ID: 92161315019** Collected: 06/12/13 08:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.4	1.8	1		06/16/13 17:38	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	3.9	1		06/16/13 17:38	96-12-8	
Dibromochloromethane	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	106-93-4	
Dibromomethane	ND	ug/kg	5.4	2.7	1		06/16/13 17:38	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.4	2.1	1		06/16/13 17:38	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	2.2	1		06/16/13 17:38	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1.8	1		06/16/13 17:38	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.8	3.9	1		06/16/13 17:38	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.4	1.6	1		06/16/13 17:38	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	2.4	1		06/16/13 17:38	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1.5	1		06/16/13 17:38	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	2.1	1		06/16/13 17:38	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1.8	1		06/16/13 17:38	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.4	2.1	1		06/16/13 17:38	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.4	1.8	1		06/16/13 17:38	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.4	1.6	1		06/16/13 17:38	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1.6	1		06/16/13 17:38	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.4	1.8	1		06/16/13 17:38	108-20-3	
Ethylbenzene	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	2.2	1		06/16/13 17:38	87-68-3	
2-Hexanone	ND	ug/kg	54.1	4.2	1		06/16/13 17:38	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	2.1	1		06/16/13 17:38	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1.8	1		06/16/13 17:38	99-87-6	
Methylene Chloride	ND	ug/kg	21.7	3.2	1		06/16/13 17:38	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	54.1	4.0	1		06/16/13 17:38	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.4	1.6	1		06/16/13 17:38	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1.3	1		06/16/13 17:38	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1.8	1		06/16/13 17:38	103-65-1	
Styrene	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	2.3	1		06/16/13 17:38	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	2.1	1		06/16/13 17:38	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1.8	1		06/16/13 17:38	127-18-4	
Toluene	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	2.4	1		06/16/13 17:38	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	1.7	1		06/16/13 17:38	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	2.3	1		06/16/13 17:38	79-00-5	
Trichloroethene	ND	ug/kg	5.4	2.3	1		06/16/13 17:38	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	2.4	1		06/16/13 17:38	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.4	1.7	1		06/16/13 17:38	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	2.2	1		06/16/13 17:38	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-5-6 **Lab ID: 92161315019** Collected: 06/12/13 08:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	1.9	1		06/16/13 17:38	108-67-8	
Vinyl acetate	ND	ug/kg	54.1	9.5	1		06/16/13 17:38	108-05-4	
Vinyl chloride	ND	ug/kg	10.8	1.9	1		06/16/13 17:38	75-01-4	
Xylene (Total)	ND	ug/kg	10.8	3.9	1		06/16/13 17:38	1330-20-7	
m&p-Xylene	ND	ug/kg	10.8	3.9	1		06/16/13 17:38	179601-23-1	
o-Xylene	ND	ug/kg	5.4	2.1	1		06/16/13 17:38	95-47-6	
Surrogates									
Dibromofluoromethane (S)	48	%	70-130		1		06/16/13 17:38	1868-53-7	S2
Toluene-d8 (S)	120	%	70-130		1		06/16/13 17:38	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130		1		06/16/13 17:38	460-00-4	
1,2-Dichloroethane-d4 (S)	65	%	70-132		1		06/16/13 17:38	17060-07-0	S2
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**25.5**	%	0.10	0.10	1		06/19/13 08:54		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**2.2**	% (w/w)	0.058	0.058	1		06/14/13 17:18		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-15-16 **Lab ID: 92161315020** Collected: 06/12/13 08:15 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Acetone	ND	ug/L	125	50.0	5		06/21/13 02:50	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/21/13 02:50	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/21/13 02:50	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/21/13 02:50	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/21/13 02:50	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/21/13 02:50	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/21/13 02:50	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/21/13 02:50	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/21/13 02:50	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/21/13 02:50	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/21/13 02:50	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/21/13 02:50	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/21/13 02:50	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/21/13 02:50	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/21/13 02:50	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/21/13 02:50	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/21/13 02:50	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/21/13 02:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/21/13 02:50	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/21/13 02:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/21/13 02:50	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/21/13 02:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/21/13 02:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/21/13 02:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/21/13 02:50	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/21/13 02:50	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/21/13 02:50	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/21/13 02:50	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/21/13 02:50	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/21/13 02:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/21/13 02:50	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/21/13 02:50	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/21/13 02:50	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/21/13 02:50	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/21/13 02:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/21/13 02:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/21/13 02:50	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/21/13 02:50	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/21/13 02:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/21/13 02:50	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/21/13 02:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/21/13 02:50	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/21/13 02:50	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/21/13 02:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	**6.7J**	ug/L	25.0	1.6	5		06/21/13 02:50	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-15-16 **Lab ID: 92161315020** Collected: 06/12/13 08:15 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/21/13 02:50	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/21/13 02:50	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/21/13 02:50	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/21/13 02:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/21/13 02:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/21/13 02:50	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/21/13 02:50	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/21/13 02:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/21/13 02:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/21/13 02:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/21/13 02:50	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/21/13 02:50	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/21/13 02:50	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/21/13 02:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/21/13 02:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/21/13 02:50	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/21/13 02:50	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/21/13 02:50	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/21/13 02:50	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/21/13 02:50	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/21/13 02:50	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/21/13 02:50	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	104	%			5		06/21/13 02:50	17060-07-0	
Toluene-d8 (S)	100	%			5		06/21/13 02:50	2037-26-5	
4-Bromofluorobenzene (S)	109	%			5		06/21/13 02:50	460-00-4	
Dibromofluoromethane (S)	106	%			5		06/21/13 02:50	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**15.4J**	ug/kg	95.4	9.5	1		06/14/13 20:45	67-64-1	
Benzene	ND	ug/kg	4.8	1.5	1		06/14/13 20:45	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1.9	1		06/14/13 20:45	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1.6	1		06/14/13 20:45	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1.8	1		06/14/13 20:45	75-27-4	
Bromoform	ND	ug/kg	4.8	2.2	1		06/14/13 20:45	75-25-2	
Bromomethane	ND	ug/kg	9.5	2.4	1		06/14/13 20:45	74-83-9	
2-Butanone (MEK)	ND	ug/kg	95.4	2.8	1		06/14/13 20:45	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1.5	1		06/14/13 20:45	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1.9	1		06/14/13 20:45	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	2.5	1		06/14/13 20:45	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1.8	1		06/14/13 20:45	108-90-7	
Chloroethane	ND	ug/kg	9.5	2.3	1		06/14/13 20:45	75-00-3	
Chloroform	ND	ug/kg	4.8	1.5	1		06/14/13 20:45	67-66-3	
Chloromethane	ND	ug/kg	9.5	2.3	1		06/14/13 20:45	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-15-16 **Lab ID: 92161315020** Collected: 06/12/13 08:15 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.8	1.6	1		06/14/13 20:45	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	3.4	1		06/14/13 20:45	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	106-93-4	
Dibromomethane	ND	ug/kg	4.8	2.4	1		06/14/13 20:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1.8	1		06/14/13 20:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1.9	1		06/14/13 20:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1.6	1		06/14/13 20:45	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.5	3.4	1		06/14/13 20:45	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1.4	1		06/14/13 20:45	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	2.1	1		06/14/13 20:45	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1.3	1		06/14/13 20:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1.8	1		06/14/13 20:45	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1.6	1		06/14/13 20:45	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1.8	1		06/14/13 20:45	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1.6	1		06/14/13 20:45	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1.4	1		06/14/13 20:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1.4	1		06/14/13 20:45	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1.6	1		06/14/13 20:45	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1.9	1		06/14/13 20:45	87-68-3	
2-Hexanone	ND	ug/kg	47.7	3.7	1		06/14/13 20:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1.8	1		06/14/13 20:45	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1.6	1		06/14/13 20:45	99-87-6	
Methylene Chloride	ND	ug/kg	19.1	2.9	1		06/14/13 20:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.7	3.5	1		06/14/13 20:45	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1.4	1		06/14/13 20:45	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1.1	1		06/14/13 20:45	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1.6	1		06/14/13 20:45	103-65-1	
Styrene	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	2.0	1		06/14/13 20:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1.8	1		06/14/13 20:45	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1.6	1		06/14/13 20:45	127-18-4	
Toluene	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	2.1	1		06/14/13 20:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1.5	1		06/14/13 20:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	2.0	1		06/14/13 20:45	79-00-5	
Trichloroethene	**2.5J**	ug/kg	4.8	2.0	1		06/14/13 20:45	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	2.1	1		06/14/13 20:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1.5	1		06/14/13 20:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1.9	1		06/14/13 20:45	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-15-16 **Lab ID: 92161315020** Collected: 06/12/13 08:15 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1.7	1		06/14/13 20:45	108-67-8	
Vinyl acetate	ND	ug/kg	47.7	8.4	1		06/14/13 20:45	108-05-4	
Vinyl chloride	ND	ug/kg	9.5	1.7	1		06/14/13 20:45	75-01-4	
Xylene (Total)	ND	ug/kg	9.5	3.4	1		06/14/13 20:45	1330-20-7	
m&p-Xylene	ND	ug/kg	9.5	3.4	1		06/14/13 20:45	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1.8	1		06/14/13 20:45	95-47-6	
Surrogates									
Dibromofluoromethane (S)	123	%	70-130		1		06/14/13 20:45	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/14/13 20:45	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		06/14/13 20:45	460-00-4	
1,2-Dichloroethane-d4 (S)	122	%	70-132		1		06/14/13 20:45	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.7**	%	0.10	0.10	1		06/19/13 08:55		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**2.3**	% (w/w)	0.058	0.058	1		06/14/13 17:19		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-25-26 **Lab ID: 92161315021** Collected: 06/12/13 08:45 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Acetone	ND	ug/L	125	50.0	5		06/22/13 07:53	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 07:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 07:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 07:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 07:53	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 07:53	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 07:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/22/13 07:53	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 07:53	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 07:53	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 07:53	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 07:53	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 07:53	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 07:53	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 07:53	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 07:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 07:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 07:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 07:53	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 07:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 07:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 07:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 07:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 07:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 07:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 07:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 07:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 07:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 07:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 07:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 07:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 07:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 07:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 07:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 07:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 07:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 07:53	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 07:53	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/22/13 07:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 07:53	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 07:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 07:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 07:53	99-87-6	
Methylene Chloride	**4970**	ug/L	100	48.5	50		06/25/13 21:44	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.6J**	ug/L	25.0	1.6	5		06/22/13 07:53	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-25-26 **Lab ID: 92161315021** Collected: 06/12/13 08:45 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 07:53	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 07:53	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 07:53	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 07:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 07:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 07:53	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 07:53	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/22/13 07:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 07:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 07:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 07:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 07:53	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 07:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 07:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 07:53	96-18-4	
1,2,4-Trimethylbenzene	**17.9**	ug/L	5.0	1.6	5		06/22/13 07:53	95-63-6	
1,3,5-Trimethylbenzene	**4.4J**	ug/L	5.0	1.8	5		06/22/13 07:53	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 07:53	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 07:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/22/13 07:53	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/22/13 07:53	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/22/13 07:53	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%			5		06/22/13 07:53	17060-07-0	
Toluene-d8 (S)	109	%			5		06/22/13 07:53	2037-26-5	
4-Bromofluorobenzene (S)	107	%			5		06/22/13 07:53	460-00-4	
Dibromofluoromethane (S)	112	%			5		06/22/13 07:53	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**13.8J**	ug/kg	102	10.2	1		06/14/13 21:04	67-64-1	
Benzene	ND	ug/kg	5.1	1.6	1		06/14/13 21:04	71-43-2	
Bromobenzene	ND	ug/kg	5.1	2.0	1		06/14/13 21:04	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	1.7	1		06/14/13 21:04	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	1.9	1		06/14/13 21:04	75-27-4	
Bromoform	ND	ug/kg	5.1	2.4	1		06/14/13 21:04	75-25-2	
Bromomethane	ND	ug/kg	10.2	2.6	1		06/14/13 21:04	74-83-9	
2-Butanone (MEK)	ND	ug/kg	102	3.0	1		06/14/13 21:04	78-93-3	
n-Butylbenzene	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.1	1.6	1		06/14/13 21:04	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.1	2.0	1		06/14/13 21:04	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.1	2.7	1		06/14/13 21:04	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1.9	1		06/14/13 21:04	108-90-7	
Chloroethane	ND	ug/kg	10.2	2.5	1		06/14/13 21:04	75-00-3	
Chloroform	ND	ug/kg	5.1	1.6	1		06/14/13 21:04	67-66-3	
Chloromethane	ND	ug/kg	10.2	2.5	1		06/14/13 21:04	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-25-26 **Lab ID: 92161315021** Collected: 06/12/13 08:45 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.1	1.7	1		06/14/13 21:04	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	3.7	1		06/14/13 21:04	96-12-8	
Dibromochloromethane	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	106-93-4	
Dibromomethane	ND	ug/kg	5.1	2.6	1		06/14/13 21:04	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1.9	1		06/14/13 21:04	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	2.0	1		06/14/13 21:04	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1.7	1		06/14/13 21:04	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.2	3.7	1		06/14/13 21:04	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1.5	1		06/14/13 21:04	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	2.2	1		06/14/13 21:04	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1.4	1		06/14/13 21:04	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1.9	1		06/14/13 21:04	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1.7	1		06/14/13 21:04	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.1	1.9	1		06/14/13 21:04	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.1	1.7	1		06/14/13 21:04	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.1	1.5	1		06/14/13 21:04	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1.5	1		06/14/13 21:04	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.1	1.7	1		06/14/13 21:04	108-20-3	
Ethylbenzene	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	2.0	1		06/14/13 21:04	87-68-3	
2-Hexanone	ND	ug/kg	51.1	4.0	1		06/14/13 21:04	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1.9	1		06/14/13 21:04	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.1	1.7	1		06/14/13 21:04	99-87-6	
Methylene Chloride	ND	ug/kg	20.4	3.1	1		06/14/13 21:04	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.1	3.8	1		06/14/13 21:04	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.1	1.5	1		06/14/13 21:04	1634-04-4	
Naphthalene	ND	ug/kg	5.1	1.2	1		06/14/13 21:04	91-20-3	
n-Propylbenzene	ND	ug/kg	5.1	1.7	1		06/14/13 21:04	103-65-1	
Styrene	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	2.1	1		06/14/13 21:04	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1.9	1		06/14/13 21:04	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1.7	1		06/14/13 21:04	127-18-4	
Toluene	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	2.2	1		06/14/13 21:04	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1.6	1		06/14/13 21:04	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	2.1	1		06/14/13 21:04	79-00-5	
Trichloroethene	**7.6**	ug/kg	5.1	2.1	1		06/14/13 21:04	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	2.2	1		06/14/13 21:04	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.1	1.6	1		06/14/13 21:04	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	2.0	1		06/14/13 21:04	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-13-25-26 **Lab ID: 92161315021** Collected: 06/12/13 08:45 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1.8	1		06/14/13 21:04	108-67-8	
Vinyl acetate	ND	ug/kg	51.1	9.0	1		06/14/13 21:04	108-05-4	
Vinyl chloride	ND	ug/kg	10.2	1.8	1		06/14/13 21:04	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	3.7	1		06/14/13 21:04	1330-20-7	
m&p-Xylene	ND	ug/kg	10.2	3.7	1		06/14/13 21:04	179601-23-1	
o-Xylene	ND	ug/kg	5.1	1.9	1		06/14/13 21:04	95-47-6	
Surrogates									
Dibromofluoromethane (S)	129	%	70-130		1		06/14/13 21:04	1868-53-7	
Toluene-d8 (S)	98	%	70-130		1		06/14/13 21:04	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1		06/14/13 21:04	460-00-4	
1,2-Dichloroethane-d4 (S)	133	%	70-132		1		06/14/13 21:04	17060-07-0	S2
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.8**	%	0.10	0.10	1		06/18/13 09:40		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.3**	% (w/w)	0.058	0.058	1		06/14/13 16:33		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-0-1 **Lab ID: 92161315022** Collected: 06/12/13 09:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Acetone	ND	ug/L	125	50.0	5		06/22/13 08:09	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 08:09	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 08:09	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 08:09	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 08:09	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 08:09	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 08:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/22/13 08:09	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 08:09	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 08:09	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 08:09	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 08:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 08:09	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 08:09	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 08:09	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 08:09	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 08:09	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 08:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 08:09	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 08:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 08:09	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 08:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 08:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 08:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 08:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 08:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 08:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 08:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 08:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 08:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 08:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 08:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 08:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 08:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 08:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 08:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 08:09	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 08:09	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/22/13 08:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 08:09	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 08:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 08:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 08:09	99-87-6	
Methylene Chloride	**9.8J**	ug/L	10.0	4.8	5		06/22/13 08:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/22/13 08:09	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-0-1 **Lab ID: 92161315022** Collected: 06/12/13 09:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/18/13 11:19								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 08:09	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 08:09	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 08:09	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 08:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 08:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 08:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 08:09	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/22/13 08:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 08:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 08:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 08:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 08:09	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 08:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 08:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 08:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/22/13 08:09	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/22/13 08:09	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 08:09	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 08:09	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/22/13 08:09	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/22/13 08:09	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/22/13 08:09	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%			5		06/22/13 08:09	17060-07-0	
Toluene-d8 (S)	102	%			5		06/22/13 08:09	2037-26-5	
4-Bromofluorobenzene (S)	103	%			5		06/22/13 08:09	460-00-4	
Dibromofluoromethane (S)	110	%			5		06/22/13 08:09	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**412**	ug/kg	131	13.1	1		06/16/13 17:57	67-64-1	
Benzene	ND	ug/kg	6.6	2.1	1		06/16/13 17:57	71-43-2	
Bromobenzene	ND	ug/kg	6.6	2.6	1		06/16/13 17:57	108-86-1	
Bromochloromethane	ND	ug/kg	6.6	2.2	1		06/16/13 17:57	74-97-5	
Bromodichloromethane	ND	ug/kg	6.6	2.5	1		06/16/13 17:57	75-27-4	
Bromoform	ND	ug/kg	6.6	3.0	1		06/16/13 17:57	75-25-2	
Bromomethane	ND	ug/kg	13.1	3.3	1		06/16/13 17:57	74-83-9	
2-Butanone (MEK)	**14.0J**	ug/kg	131	3.8	1		06/16/13 17:57	78-93-3	
n-Butylbenzene	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.6	2.1	1		06/16/13 17:57	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.6	2.6	1		06/16/13 17:57	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.6	3.4	1		06/16/13 17:57	56-23-5	
Chlorobenzene	ND	ug/kg	6.6	2.5	1		06/16/13 17:57	108-90-7	
Chloroethane	ND	ug/kg	13.1	3.2	1		06/16/13 17:57	75-00-3	
Chloroform	ND	ug/kg	6.6	2.1	1		06/16/13 17:57	67-66-3	
Chloromethane	ND	ug/kg	13.1	3.2	1		06/16/13 17:57	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-0-1 **Lab ID: 92161315022** Collected: 06/12/13 09:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	6.6	2.2	1		06/16/13 17:57	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	4.7	1		06/16/13 17:57	96-12-8	
Dibromochloromethane	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	106-93-4	
Dibromomethane	ND	ug/kg	6.6	3.3	1		06/16/13 17:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.6	2.5	1		06/16/13 17:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	2.6	1		06/16/13 17:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	2.2	1		06/16/13 17:57	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.1	4.7	1		06/16/13 17:57	75-71-8	1g
1,1-Dichloroethane	ND	ug/kg	6.6	2.0	1		06/16/13 17:57	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.6	2.9	1		06/16/13 17:57	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.6	1.8	1		06/16/13 17:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.6	2.5	1		06/16/13 17:57	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.6	2.2	1		06/16/13 17:57	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.6	2.5	1		06/16/13 17:57	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.6	2.2	1		06/16/13 17:57	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.6	2.0	1		06/16/13 17:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.6	2.0	1		06/16/13 17:57	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.6	2.2	1		06/16/13 17:57	108-20-3	
Ethylbenzene	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.6	2.6	1		06/16/13 17:57	87-68-3	
2-Hexanone	ND	ug/kg	65.7	5.1	1		06/16/13 17:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.6	2.5	1		06/16/13 17:57	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.6	2.2	1		06/16/13 17:57	99-87-6	
Methylene Chloride	ND	ug/kg	26.3	3.9	1		06/16/13 17:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	65.7	4.9	1		06/16/13 17:57	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.6	2.0	1		06/16/13 17:57	1634-04-4	
Naphthalene	ND	ug/kg	6.6	1.6	1		06/16/13 17:57	91-20-3	
n-Propylbenzene	ND	ug/kg	6.6	2.2	1		06/16/13 17:57	103-65-1	
Styrene	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.6	2.8	1		06/16/13 17:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.6	2.5	1		06/16/13 17:57	79-34-5	
Tetrachloroethene	ND	ug/kg	6.6	2.2	1		06/16/13 17:57	127-18-4	
Toluene	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.6	2.9	1		06/16/13 17:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.6	2.1	1		06/16/13 17:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.6	2.8	1		06/16/13 17:57	79-00-5	
Trichloroethene	**2.9J**	ug/kg	6.6	2.8	1		06/16/13 17:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.6	2.9	1		06/16/13 17:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.6	2.1	1		06/16/13 17:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.6	2.6	1		06/16/13 17:57	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-0-1 **Lab ID: 92161315022** Collected: 06/12/13 09:05 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	6.6	2.4	1		06/16/13 17:57	108-67-8	
Vinyl acetate	ND	ug/kg	65.7	11.6	1		06/16/13 17:57	108-05-4	
Vinyl chloride	ND	ug/kg	13.1	2.4	1		06/16/13 17:57	75-01-4	
Xylene (Total)	ND	ug/kg	13.1	4.7	1		06/16/13 17:57	1330-20-7	
m&p-Xylene	ND	ug/kg	13.1	4.7	1		06/16/13 17:57	179601-23-1	
o-Xylene	ND	ug/kg	6.6	2.5	1		06/16/13 17:57	95-47-6	
Surrogates									
Dibromofluoromethane (S)	115	%	70-130		1		06/16/13 17:57	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		06/16/13 17:57	2037-26-5	
4-Bromofluorobenzene (S)	73	%	70-130		1		06/16/13 17:57	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	70-132		1		06/16/13 17:57	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.8**	%	0.10	0.10	1		06/18/13 09:40		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.5**	% (w/w)	0.058	0.058	1		06/14/13 16:35		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-15-0-1 **Lab ID: 92161315023** Collected: 06/12/13 09:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Acetone	**51.2J**	ug/L	125	50.0	5		06/22/13 08:25	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 08:25	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 08:25	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 08:25	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 08:25	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 08:25	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 08:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/22/13 08:25	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 08:25	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 08:25	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 08:25	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 08:25	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 08:25	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 08:25	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 08:25	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 08:25	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 08:25	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 08:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 08:25	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 08:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 08:25	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 08:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 08:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 08:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 08:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 08:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 08:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 08:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 08:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 08:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 08:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 08:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 08:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 08:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 08:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 08:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 08:25	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 08:25	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/22/13 08:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 08:25	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 08:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 08:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 08:25	99-87-6	
Methylene Chloride	**4440**	ug/L	100	48.5	50		06/25/13 22:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/22/13 08:25	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-15-0-1 **Lab ID: 92161315023** Collected: 06/12/13 09:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 08:25	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 08:25	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 08:25	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 08:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 08:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 08:25	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 08:25	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/22/13 08:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 08:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 08:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 08:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 08:25	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 08:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 08:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 08:25	96-18-4	
1,2,4-Trimethylbenzene	**11.4**	ug/L	5.0	1.6	5		06/22/13 08:25	95-63-6	
1,3,5-Trimethylbenzene	**2.6J**	ug/L	5.0	1.8	5		06/22/13 08:25	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 08:25	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 08:25	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/22/13 08:25	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/22/13 08:25	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/22/13 08:25	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	107	%			5		06/22/13 08:25	17060-07-0	
Toluene-d8 (S)	100	%			5		06/22/13 08:25	2037-26-5	
4-Bromofluorobenzene (S)	109	%			5		06/22/13 08:25	460-00-4	
Dibromofluoromethane (S)	110	%			5		06/22/13 08:25	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**300**	ug/kg	96.7	9.7	1		06/14/13 21:42	67-64-1	
Benzene	ND	ug/kg	4.8	1.5	1		06/14/13 21:42	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1.9	1		06/14/13 21:42	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1.6	1		06/14/13 21:42	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1.8	1		06/14/13 21:42	75-27-4	
Bromoform	ND	ug/kg	4.8	2.2	1		06/14/13 21:42	75-25-2	
Bromomethane	ND	ug/kg	9.7	2.4	1		06/14/13 21:42	74-83-9	
2-Butanone (MEK)	**25.4J**	ug/kg	96.7	2.8	1		06/14/13 21:42	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1.7	1		06/14/13 21:42	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1.5	1		06/14/13 21:42	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1.9	1		06/14/13 21:42	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	2.5	1		06/14/13 21:42	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1.8	1		06/14/13 21:42	108-90-7	
Chloroethane	ND	ug/kg	9.7	2.3	1		06/14/13 21:42	75-00-3	
Chloroform	ND	ug/kg	4.8	1.5	1		06/14/13 21:42	67-66-3	
Chloromethane	ND	ug/kg	9.7	2.3	1		06/14/13 21:42	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-15-0-1 **Lab ID: 92161315023** Collected: 06/12/13 09:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.8	1.6	1		06/14/13 21:42	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1.7	1		06/14/13 21:42	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	3.5	1		06/14/13 21:42	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1.7	1		06/14/13 21:42	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1.7	1		06/14/13 21:42	106-93-4	
Dibromomethane	ND	ug/kg	4.8	2.4	1		06/14/13 21:42	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1.8	1		06/14/13 21:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1.9	1		06/14/13 21:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1.6	1		06/14/13 21:42	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.7	3.5	1		06/14/13 21:42	75-71-8	IO
1,1-Dichloroethane	ND	ug/kg	4.8	1.5	1		06/14/13 21:42	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	2.1	1		06/14/13 21:42	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.8	1.7	1		06/14/13 21:42	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1.4	1		06/14/13 21:42	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1.8	1		06/14/13 21:42	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1.6	1		06/14/13 21:42	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1.8	1		06/14/13 21:42	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1.6	1		06/14/13 21:42	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1.5	1		06/14/13 21:42	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1.7	1		06/14/13 21:42	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1.5	1		06/14/13 21:42	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1.6	1		06/14/13 21:42	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1.7	1		06/14/13 21:42	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1.9	1		06/14/13 21:42	87-68-3	
2-Hexanone	ND	ug/kg	48.4	3.8	1		06/14/13 21:42	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1.8	1		06/14/13 21:42	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1.6	1		06/14/13 21:42	99-87-6	
Methylene Chloride	ND	ug/kg	19.3	2.9	1		06/14/13 21:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	48.4	3.6	1		06/14/13 21:42	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1.5	1		06/14/13 21:42	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1.2	1		06/14/13 21:42	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1.6	1		06/14/13 21:42	103-65-1	
Styrene	ND	ug/kg	4.8	1.7	1		06/14/13 21:42	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	2.0	1		06/14/13 21:42	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1.8	1		06/14/13 21:42	79-34-5	
Tetrachloroethene	**8.0**	ug/kg	4.8	1.6	1		06/14/13 21:42	127-18-4	
Toluene	ND	ug/kg	4.8	1.7	1		06/14/13 21:42	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	2.1	1		06/14/13 21:42	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1.5	1		06/14/13 21:42	120-82-1	
1,1,1-Trichloroethane	**22.0**	ug/kg	4.8	1.7	1		06/14/13 21:42	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	2.0	1		06/14/13 21:42	79-00-5	
Trichloroethene	**384**	ug/kg	97.3	40.9	20		06/16/13 17:19	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	2.1	1		06/14/13 21:42	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1.5	1		06/14/13 21:42	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1.9	1		06/14/13 21:42	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-15-0-1 **Lab ID: 92161315023** Collected: 06/12/13 09:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1.7	1		06/14/13 21:42	108-67-8	
Vinyl acetate	ND	ug/kg	48.4	8.5	1		06/14/13 21:42	108-05-4	
Vinyl chloride	ND	ug/kg	9.7	1.7	1		06/14/13 21:42	75-01-4	
Xylene (Total)	ND	ug/kg	9.7	3.5	1		06/14/13 21:42	1330-20-7	
m&p-Xylene	ND	ug/kg	9.7	3.5	1		06/14/13 21:42	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1.8	1		06/14/13 21:42	95-47-6	
Surrogates									
Dibromofluoromethane (S)	141	%	70-130		1		06/14/13 21:42	1868-53-7	S2
Toluene-d8 (S)	79	%	70-130		1		06/14/13 21:42	2037-26-5	
4-Bromofluorobenzene (S)	72	%	70-130		1		06/14/13 21:42	460-00-4	
1,2-Dichloroethane-d4 (S)	141	%	70-132		1		06/14/13 21:42	17060-07-0	S2
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**6.0**	%	0.10	0.10	1		06/18/13 09:40		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**0.74**	% (w/w)	0.058	0.058	1		06/14/13 16:36		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-5-6 **Lab ID: 92161315024** Collected: 06/12/13 10:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Acetone	ND	ug/L	25.0	10.0	1		06/22/13 08:41	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/22/13 08:41	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/22/13 08:41	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/22/13 08:41	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/22/13 08:41	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/22/13 08:41	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/22/13 08:41	74-83-9	
2-Butanone (MEK)	**6.5**	ug/L	5.0	0.96	1		06/22/13 08:41	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/22/13 08:41	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/22/13 08:41	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/22/13 08:41	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/22/13 08:41	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/22/13 08:41	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/22/13 08:41	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/22/13 08:41	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/22/13 08:41	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/22/13 08:41	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/22/13 08:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/22/13 08:41	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/22/13 08:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/22/13 08:41	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/22/13 08:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/22/13 08:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/22/13 08:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/22/13 08:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/22/13 08:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/22/13 08:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/22/13 08:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/22/13 08:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/22/13 08:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/22/13 08:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/22/13 08:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/22/13 08:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/22/13 08:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/22/13 08:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/22/13 08:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/22/13 08:41	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/22/13 08:41	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/22/13 08:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/22/13 08:41	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/22/13 08:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/22/13 08:41	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/22/13 08:41	99-87-6	
Methylene Chloride	**80.5**	ug/L	2.0	0.97	1		06/22/13 08:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	**7.8**	ug/L	5.0	0.33	1		06/22/13 08:41	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-5-6 **Lab ID: 92161315024** Collected: 06/12/13 10:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/22/13 08:41	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/22/13 08:41	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/22/13 08:41	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/22/13 08:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/22/13 08:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/22/13 08:41	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/22/13 08:41	127-18-4	
Toluene	**2.0**	ug/L	1.0	0.26	1		06/22/13 08:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/22/13 08:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/22/13 08:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/22/13 08:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/22/13 08:41	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/22/13 08:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/22/13 08:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/22/13 08:41	96-18-4	
1,2,4-Trimethylbenzene	**1.3**	ug/L	1.0	0.31	1		06/22/13 08:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/22/13 08:41	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/22/13 08:41	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/22/13 08:41	75-01-4	
Xylene (Total)	**5.8**	ug/L	2.0	0.66	1		06/22/13 08:41	1330-20-7	
m&p-Xylene	**4.4**	ug/L	2.0	0.66	1		06/22/13 08:41	179601-23-1	
o-Xylene	**1.4**	ug/L	1.0	0.23	1		06/22/13 08:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%			1		06/22/13 08:41	17060-07-0	
Toluene-d8 (S)	102	%			1		06/22/13 08:41	2037-26-5	
4-Bromofluorobenzene (S)	109	%			1		06/22/13 08:41	460-00-4	
Dibromofluoromethane (S)	115	%			1		06/22/13 08:41	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**40.6J**	ug/kg	116	11.6	1		06/16/13 18:15	67-64-1	
Benzene	ND	ug/kg	5.8	1.9	1		06/16/13 18:15	71-43-2	
Bromobenzene	ND	ug/kg	5.8	2.3	1		06/16/13 18:15	108-86-1	
Bromochloromethane	ND	ug/kg	5.8	2.0	1		06/16/13 18:15	74-97-5	
Bromodichloromethane	ND	ug/kg	5.8	2.2	1		06/16/13 18:15	75-27-4	
Bromoform	ND	ug/kg	5.8	2.7	1		06/16/13 18:15	75-25-2	
Bromomethane	ND	ug/kg	11.6	2.9	1		06/16/13 18:15	74-83-9	
2-Butanone (MEK)	ND	ug/kg	116	3.4	1		06/16/13 18:15	78-93-3	
n-Butylbenzene	ND	ug/kg	5.8	2.1	1		06/16/13 18:15	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.8	1.9	1		06/16/13 18:15	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.8	2.3	1		06/16/13 18:15	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.8	3.0	1		06/16/13 18:15	56-23-5	
Chlorobenzene	ND	ug/kg	5.8	2.2	1		06/16/13 18:15	108-90-7	
Chloroethane	ND	ug/kg	11.6	2.8	1		06/16/13 18:15	75-00-3	
Chloroform	ND	ug/kg	5.8	1.9	1		06/16/13 18:15	67-66-3	
Chloromethane	ND	ug/kg	11.6	2.8	1		06/16/13 18:15	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-5-6 **Lab ID: 92161315024** Collected: 06/12/13 10:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.8	2.0	1		06/16/13 18:15	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.8	2.1	1		06/16/13 18:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	4.2	1		06/16/13 18:15	96-12-8	
Dibromochloromethane	ND	ug/kg	5.8	2.1	1		06/16/13 18:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	2.1	1		06/16/13 18:15	106-93-4	
Dibromomethane	ND	ug/kg	5.8	2.9	1		06/16/13 18:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.8	2.2	1		06/16/13 18:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.8	2.3	1		06/16/13 18:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.8	2.0	1		06/16/13 18:15	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.6	4.2	1		06/16/13 18:15	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.8	1.7	1		06/16/13 18:15	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.8	2.6	1		06/16/13 18:15	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.8	2.1	1		06/16/13 18:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.8	1.6	1		06/16/13 18:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.8	2.2	1		06/16/13 18:15	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.8	2.0	1		06/16/13 18:15	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.8	2.2	1		06/16/13 18:15	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.8	2.0	1		06/16/13 18:15	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.8	1.7	1		06/16/13 18:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.8	2.1	1		06/16/13 18:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.8	1.7	1		06/16/13 18:15	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.8	2.0	1		06/16/13 18:15	108-20-3	
Ethylbenzene	ND	ug/kg	5.8	2.1	1		06/16/13 18:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.8	2.3	1		06/16/13 18:15	87-68-3	
2-Hexanone	ND	ug/kg	58.2	4.5	1		06/16/13 18:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	2.2	1		06/16/13 18:15	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.8	2.0	1		06/16/13 18:15	99-87-6	
Methylene Chloride	ND	ug/kg	23.3	3.5	1		06/16/13 18:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	58.2	4.3	1		06/16/13 18:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.8	1.7	1		06/16/13 18:15	1634-04-4	
Naphthalene	ND	ug/kg	5.8	1.4	1		06/16/13 18:15	91-20-3	
n-Propylbenzene	ND	ug/kg	5.8	2.0	1		06/16/13 18:15	103-65-1	
Styrene	ND	ug/kg	5.8	2.1	1		06/16/13 18:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	2.4	1		06/16/13 18:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	2.2	1		06/16/13 18:15	79-34-5	
Tetrachloroethene	ND	ug/kg	5.8	2.0	1		06/16/13 18:15	127-18-4	
Toluene	ND	ug/kg	5.8	2.1	1		06/16/13 18:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	2.6	1		06/16/13 18:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	1.9	1		06/16/13 18:15	120-82-1	
1,1,1-Trichloroethane	**7.4**	ug/kg	5.8	2.1	1		06/16/13 18:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.8	2.4	1		06/16/13 18:15	79-00-5	
Trichloroethene	**68.8**	ug/kg	5.8	2.4	1		06/16/13 18:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.8	2.6	1		06/16/13 18:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.8	1.9	1		06/16/13 18:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	2.3	1		06/16/13 18:15	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-5-6 **Lab ID: 92161315024** Collected: 06/12/13 10:25 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	2.1	1		06/16/13 18:15	108-67-8	
Vinyl acetate	ND	ug/kg	58.2	10.3	1		06/16/13 18:15	108-05-4	
Vinyl chloride	ND	ug/kg	11.6	2.1	1		06/16/13 18:15	75-01-4	
Xylene (Total)	ND	ug/kg	11.6	4.2	1		06/16/13 18:15	1330-20-7	
m&p-Xylene	ND	ug/kg	11.6	4.2	1		06/16/13 18:15	179601-23-1	
o-Xylene	ND	ug/kg	5.8	2.2	1		06/16/13 18:15	95-47-6	
Surrogates									
Dibromofluoromethane (S)	110	%	70-130		1		06/16/13 18:15	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		06/16/13 18:15	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130		1		06/16/13 18:15	460-00-4	
1,2-Dichloroethane-d4 (S)	114	%	70-132		1		06/16/13 18:15	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**25.6**	%	0.10	0.10	1		06/18/13 09:40		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.9**	% (w/w)	0.058	0.058	1		06/14/13 16:37		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-10-11 **Lab ID: 92161315025** Collected: 06/12/13 10:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Acetone	**122J**	ug/L	125	50.0	5		06/22/13 08:57	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 08:57	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 08:57	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 08:57	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 08:57	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 08:57	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 08:57	74-83-9	
2-Butanone (MEK)	**132**	ug/L	25.0	4.8	5		06/22/13 08:57	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 08:57	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 08:57	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 08:57	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 08:57	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 08:57	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 08:57	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 08:57	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 08:57	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 08:57	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 08:57	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 08:57	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 08:57	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 08:57	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 08:57	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 08:57	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 08:57	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 08:57	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 08:57	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 08:57	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 08:57	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 08:57	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 08:57	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 08:57	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 08:57	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 08:57	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 08:57	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 08:57	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 08:57	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 08:57	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 08:57	108-20-3	
Ethylbenzene	**41.5**	ug/L	5.0	1.5	5		06/22/13 08:57	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 08:57	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 08:57	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 08:57	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 08:57	99-87-6	
Methylene Chloride	**8.1J**	ug/L	10.0	4.8	5		06/22/13 08:57	75-09-2	
4-Methyl-2-pentanone (MIBK)	**851**	ug/L	25.0	1.6	5		06/22/13 08:57	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-10-11 **Lab ID: 92161315025** Collected: 06/12/13 10:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 08:57	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 08:57	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 08:57	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 08:57	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 08:57	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 08:57	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 08:57	127-18-4	
Toluene	**45.5**	ug/L	5.0	1.3	5		06/22/13 08:57	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 08:57	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 08:57	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 08:57	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 08:57	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 08:57	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 08:57	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 08:57	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/22/13 08:57	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/22/13 08:57	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 08:57	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 08:57	75-01-4	
Xylene (Total)	**296**	ug/L	10.0	3.3	5		06/22/13 08:57	1330-20-7	
m&p-Xylene	**209**	ug/L	10.0	3.3	5		06/22/13 08:57	179601-23-1	
o-Xylene	**87.2**	ug/L	5.0	1.2	5		06/22/13 08:57	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%			5		06/22/13 08:57	17060-07-0	
Toluene-d8 (S)	104	%			5		06/22/13 08:57	2037-26-5	
4-Bromofluorobenzene (S)	106	%			5		06/22/13 08:57	460-00-4	
Dibromofluoromethane (S)	107	%			5		06/22/13 08:57	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**26.5J**	ug/kg	116	11.6	1		06/16/13 18:34	67-64-1	
Benzene	ND	ug/kg	5.8	1.9	1		06/16/13 18:34	71-43-2	
Bromobenzene	ND	ug/kg	5.8	2.3	1		06/16/13 18:34	108-86-1	
Bromochloromethane	ND	ug/kg	5.8	2.0	1		06/16/13 18:34	74-97-5	
Bromodichloromethane	ND	ug/kg	5.8	2.2	1		06/16/13 18:34	75-27-4	
Bromoform	ND	ug/kg	5.8	2.7	1		06/16/13 18:34	75-25-2	
Bromomethane	ND	ug/kg	11.6	2.9	1		06/16/13 18:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	116	3.4	1		06/16/13 18:34	78-93-3	
n-Butylbenzene	ND	ug/kg	5.8	2.1	1		06/16/13 18:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.8	1.9	1		06/16/13 18:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.8	2.3	1		06/16/13 18:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.8	3.0	1		06/16/13 18:34	56-23-5	
Chlorobenzene	ND	ug/kg	5.8	2.2	1		06/16/13 18:34	108-90-7	
Chloroethane	ND	ug/kg	11.6	2.8	1		06/16/13 18:34	75-00-3	
Chloroform	ND	ug/kg	5.8	1.9	1		06/16/13 18:34	67-66-3	
Chloromethane	ND	ug/kg	11.6	2.8	1		06/16/13 18:34	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-10-11 **Lab ID: 92161315025** Collected: 06/12/13 10:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.8	2.0	1		06/16/13 18:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.8	2.1	1		06/16/13 18:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	4.2	1		06/16/13 18:34	96-12-8	
Dibromochloromethane	ND	ug/kg	5.8	2.1	1		06/16/13 18:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	2.1	1		06/16/13 18:34	106-93-4	
Dibromomethane	ND	ug/kg	5.8	2.9	1		06/16/13 18:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.8	2.2	1		06/16/13 18:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.8	2.3	1		06/16/13 18:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.8	2.0	1		06/16/13 18:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.6	4.2	1		06/16/13 18:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.8	1.7	1		06/16/13 18:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.8	2.5	1		06/16/13 18:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.8	2.1	1		06/16/13 18:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.8	1.6	1		06/16/13 18:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.8	2.2	1		06/16/13 18:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.8	2.0	1		06/16/13 18:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.8	2.2	1		06/16/13 18:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.8	2.0	1		06/16/13 18:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.8	1.7	1		06/16/13 18:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.8	2.1	1		06/16/13 18:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.8	1.7	1		06/16/13 18:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.8	2.0	1		06/16/13 18:34	108-20-3	
Ethylbenzene	ND	ug/kg	5.8	2.1	1		06/16/13 18:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.8	2.3	1		06/16/13 18:34	87-68-3	
2-Hexanone	ND	ug/kg	57.8	4.5	1		06/16/13 18:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	2.2	1		06/16/13 18:34	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.8	2.0	1		06/16/13 18:34	99-87-6	
Methylene Chloride	ND	ug/kg	23.1	3.5	1		06/16/13 18:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	57.8	4.3	1		06/16/13 18:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.8	1.7	1		06/16/13 18:34	1634-04-4	
Naphthalene	ND	ug/kg	5.8	1.4	1		06/16/13 18:34	91-20-3	
n-Propylbenzene	ND	ug/kg	5.8	2.0	1		06/16/13 18:34	103-65-1	
Styrene	ND	ug/kg	5.8	2.1	1		06/16/13 18:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	2.4	1		06/16/13 18:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	2.2	1		06/16/13 18:34	79-34-5	
Tetrachloroethene	ND	ug/kg	5.8	2.0	1		06/16/13 18:34	127-18-4	
Toluene	ND	ug/kg	5.8	2.1	1		06/16/13 18:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	2.5	1		06/16/13 18:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	1.9	1		06/16/13 18:34	120-82-1	
1,1,1-Trichloroethane	**3.9J**	ug/kg	5.8	2.1	1		06/16/13 18:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.8	2.4	1		06/16/13 18:34	79-00-5	
Trichloroethene	**60.7**	ug/kg	5.8	2.4	1		06/16/13 18:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.8	2.5	1		06/16/13 18:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.8	1.9	1		06/16/13 18:34	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	2.3	1		06/16/13 18:34	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-10-11 **Lab ID: 92161315025** Collected: 06/12/13 10:30 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	2.1	1		06/16/13 18:34	108-67-8	
Vinyl acetate	ND	ug/kg	57.8	10.2	1		06/16/13 18:34	108-05-4	
Vinyl chloride	ND	ug/kg	11.6	2.1	1		06/16/13 18:34	75-01-4	
Xylene (Total)	ND	ug/kg	11.6	4.2	1		06/16/13 18:34	1330-20-7	
m&p-Xylene	ND	ug/kg	11.6	4.2	1		06/16/13 18:34	179601-23-1	
o-Xylene	ND	ug/kg	5.8	2.2	1		06/16/13 18:34	95-47-6	
Surrogates									
Dibromofluoromethane (S)	103	%	70-130		1		06/16/13 18:34	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		06/16/13 18:34	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		06/16/13 18:34	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-132		1		06/16/13 18:34	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.7**	%	0.10	0.10	1		06/18/13 09:40		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.8**	% (w/w)	0.058	0.058	1		06/14/13 16:38		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-15-16 **Lab ID: 92161315026** Collected: 06/12/13 10:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Acetone	ND	ug/L	125	50.0	5		06/22/13 09:13	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 09:13	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 09:13	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 09:13	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 09:13	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 09:13	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 09:13	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/22/13 09:13	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 09:13	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 09:13	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 09:13	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 09:13	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 09:13	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 09:13	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 09:13	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 09:13	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 09:13	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 09:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 09:13	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 09:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 09:13	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 09:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 09:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 09:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 09:13	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 09:13	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 09:13	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 09:13	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 09:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 09:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 09:13	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 09:13	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 09:13	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 09:13	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 09:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 09:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 09:13	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 09:13	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/22/13 09:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 09:13	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 09:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 09:13	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 09:13	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/22/13 09:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	**10.5J**	ug/L	25.0	1.6	5		06/22/13 09:13	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-15-16 **Lab ID: 92161315026** Collected: 06/12/13 10:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 09:13	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 09:13	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 09:13	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 09:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 09:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 09:13	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 09:13	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/22/13 09:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 09:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 09:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 09:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 09:13	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 09:13	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 09:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 09:13	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/22/13 09:13	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/22/13 09:13	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 09:13	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 09:13	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/22/13 09:13	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/22/13 09:13	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/22/13 09:13	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%			5		06/22/13 09:13	17060-07-0	
Toluene-d8 (S)	102	%			5		06/22/13 09:13	2037-26-5	
4-Bromofluorobenzene (S)	106	%			5		06/22/13 09:13	460-00-4	
Dibromofluoromethane (S)	107	%			5		06/22/13 09:13	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	95.4	9.5	1		06/16/13 18:53	67-64-1	
Benzene	ND	ug/kg	4.8	1.5	1		06/16/13 18:53	71-43-2	
Bromobenzene	ND	ug/kg	4.8	1.9	1		06/16/13 18:53	108-86-1	
Bromochloromethane	ND	ug/kg	4.8	1.6	1		06/16/13 18:53	74-97-5	
Bromodichloromethane	ND	ug/kg	4.8	1.8	1		06/16/13 18:53	75-27-4	
Bromoform	ND	ug/kg	4.8	2.2	1		06/16/13 18:53	75-25-2	
Bromomethane	ND	ug/kg	9.5	2.4	1		06/16/13 18:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	95.4	2.8	1		06/16/13 18:53	78-93-3	
n-Butylbenzene	ND	ug/kg	4.8	1.7	1		06/16/13 18:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.8	1.5	1		06/16/13 18:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.8	1.9	1		06/16/13 18:53	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.8	2.5	1		06/16/13 18:53	56-23-5	
Chlorobenzene	ND	ug/kg	4.8	1.8	1		06/16/13 18:53	108-90-7	
Chloroethane	ND	ug/kg	9.5	2.3	1		06/16/13 18:53	75-00-3	
Chloroform	ND	ug/kg	4.8	1.5	1		06/16/13 18:53	67-66-3	
Chloromethane	ND	ug/kg	9.5	2.3	1		06/16/13 18:53	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-15-16 **Lab ID: 92161315026** Collected: 06/12/13 10:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.8	1.6	1		06/16/13 18:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.8	1.7	1		06/16/13 18:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.8	3.4	1		06/16/13 18:53	96-12-8	
Dibromochloromethane	ND	ug/kg	4.8	1.7	1		06/16/13 18:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.8	1.7	1		06/16/13 18:53	106-93-4	
Dibromomethane	ND	ug/kg	4.8	2.4	1		06/16/13 18:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.8	1.8	1		06/16/13 18:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.8	1.9	1		06/16/13 18:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.8	1.6	1		06/16/13 18:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.5	3.4	1		06/16/13 18:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.8	1.4	1		06/16/13 18:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.8	2.1	1		06/16/13 18:53	107-06-2	
1,1-Dichloroethene	**5.9**	ug/kg	4.8	1.7	1		06/16/13 18:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.8	1.3	1		06/16/13 18:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.8	1.8	1		06/16/13 18:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.8	1.6	1		06/16/13 18:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.8	1.8	1		06/16/13 18:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.8	1.6	1		06/16/13 18:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.8	1.4	1		06/16/13 18:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.8	1.7	1		06/16/13 18:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.8	1.4	1		06/16/13 18:53	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.8	1.6	1		06/16/13 18:53	108-20-3	
Ethylbenzene	ND	ug/kg	4.8	1.7	1		06/16/13 18:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.8	1.9	1		06/16/13 18:53	87-68-3	
2-Hexanone	ND	ug/kg	47.7	3.7	1		06/16/13 18:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.8	1.8	1		06/16/13 18:53	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.8	1.6	1		06/16/13 18:53	99-87-6	
Methylene Chloride	ND	ug/kg	19.1	2.9	1		06/16/13 18:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.7	3.5	1		06/16/13 18:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.8	1.4	1		06/16/13 18:53	1634-04-4	
Naphthalene	ND	ug/kg	4.8	1.1	1		06/16/13 18:53	91-20-3	
n-Propylbenzene	ND	ug/kg	4.8	1.6	1		06/16/13 18:53	103-65-1	
Styrene	ND	ug/kg	4.8	1.7	1		06/16/13 18:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.8	2.0	1		06/16/13 18:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.8	1.8	1		06/16/13 18:53	79-34-5	
Tetrachloroethene	ND	ug/kg	4.8	1.6	1		06/16/13 18:53	127-18-4	
Toluene	ND	ug/kg	4.8	1.7	1		06/16/13 18:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.8	2.1	1		06/16/13 18:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.8	1.5	1		06/16/13 18:53	120-82-1	
1,1,1-Trichloroethane	**4.2J**	ug/kg	4.8	1.7	1		06/16/13 18:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.8	2.0	1		06/16/13 18:53	79-00-5	
Trichloroethene	**75.5**	ug/kg	4.8	2.0	1		06/16/13 18:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.8	2.1	1		06/16/13 18:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.8	1.5	1		06/16/13 18:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.8	1.9	1		06/16/13 18:53	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-15-16 **Lab ID: 92161315026** Collected: 06/12/13 10:40 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.8	1.7	1		06/16/13 18:53	108-67-8	
Vinyl acetate	ND	ug/kg	47.7	8.4	1		06/16/13 18:53	108-05-4	
Vinyl chloride	ND	ug/kg	9.5	1.7	1		06/16/13 18:53	75-01-4	
Xylene (Total)	ND	ug/kg	9.5	3.4	1		06/16/13 18:53	1330-20-7	
m&p-Xylene	ND	ug/kg	9.5	3.4	1		06/16/13 18:53	179601-23-1	
o-Xylene	ND	ug/kg	4.8	1.8	1		06/16/13 18:53	95-47-6	
Surrogates									
Dibromofluoromethane (S)	104	%	70-130		1		06/16/13 18:53	1868-53-7	
Toluene-d8 (S)	92	%	70-130		1		06/16/13 18:53	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		06/16/13 18:53	460-00-4	
1,2-Dichloroethane-d4 (S)	101	%	70-132		1		06/16/13 18:53	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.2**	%	0.10	0.10	1		06/18/13 09:40		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.4**	% (w/w)	0.058	0.058	1		06/14/13 16:40		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-25-26 **Lab ID: 92161315027** Collected: 06/12/13 11:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Acetone	ND	ug/L	125	50.0	5		06/22/13 09:29	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 09:29	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 09:29	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 09:29	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 09:29	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 09:29	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 09:29	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/22/13 09:29	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 09:29	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 09:29	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 09:29	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 09:29	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 09:29	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 09:29	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 09:29	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 09:29	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 09:29	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 09:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 09:29	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 09:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 09:29	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 09:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 09:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 09:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 09:29	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 09:29	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 09:29	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 09:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 09:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 09:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 09:29	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 09:29	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 09:29	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 09:29	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 09:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 09:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 09:29	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 09:29	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/22/13 09:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 09:29	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 09:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 09:29	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 09:29	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/22/13 09:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/22/13 09:29	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-25-26 **Lab ID: 92161315027** Collected: 06/12/13 11:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 09:29	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 09:29	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 09:29	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 09:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 09:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 09:29	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 09:29	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/22/13 09:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 09:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 09:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 09:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 09:29	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 09:29	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 09:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 09:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/22/13 09:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/22/13 09:29	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 09:29	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 09:29	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/22/13 09:29	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/22/13 09:29	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/22/13 09:29	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%			5		06/22/13 09:29	17060-07-0	
Toluene-d8 (S)	103	%			5		06/22/13 09:29	2037-26-5	
4-Bromofluorobenzene (S)	107	%			5		06/22/13 09:29	460-00-4	
Dibromofluoromethane (S)	110	%			5		06/22/13 09:29	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	89.3	8.9	1		06/16/13 19:12	67-64-1	
Benzene	ND	ug/kg	4.5	1.4	1		06/16/13 19:12	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1.8	1		06/16/13 19:12	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1.5	1		06/16/13 19:12	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1.7	1		06/16/13 19:12	75-27-4	
Bromoform	ND	ug/kg	4.5	2.1	1		06/16/13 19:12	75-25-2	
Bromomethane	ND	ug/kg	8.9	2.2	1		06/16/13 19:12	74-83-9	
2-Butanone (MEK)	ND	ug/kg	89.3	2.6	1		06/16/13 19:12	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1.6	1		06/16/13 19:12	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1.4	1		06/16/13 19:12	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1.8	1		06/16/13 19:12	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.5	2.3	1		06/16/13 19:12	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1.7	1		06/16/13 19:12	108-90-7	
Chloroethane	ND	ug/kg	8.9	2.1	1		06/16/13 19:12	75-00-3	
Chloroform	ND	ug/kg	4.5	1.4	1		06/16/13 19:12	67-66-3	
Chloromethane	ND	ug/kg	8.9	2.1	1		06/16/13 19:12	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-25-26 **Lab ID: 92161315027** Collected: 06/12/13 11:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.5	1.5	1		06/16/13 19:12	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1.6	1		06/16/13 19:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	3.2	1		06/16/13 19:12	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1.6	1		06/16/13 19:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1.6	1		06/16/13 19:12	106-93-4	
Dibromomethane	ND	ug/kg	4.5	2.2	1		06/16/13 19:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1.7	1		06/16/13 19:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1.8	1		06/16/13 19:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1.5	1		06/16/13 19:12	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.9	3.2	1		06/16/13 19:12	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1.3	1		06/16/13 19:12	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	2.0	1		06/16/13 19:12	107-06-2	
1,1-Dichloroethene	**10.5**	ug/kg	4.5	1.6	1		06/16/13 19:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1.3	1		06/16/13 19:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1.7	1		06/16/13 19:12	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1.5	1		06/16/13 19:12	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1.7	1		06/16/13 19:12	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1.5	1		06/16/13 19:12	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1.3	1		06/16/13 19:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1.6	1		06/16/13 19:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1.3	1		06/16/13 19:12	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.5	1.5	1		06/16/13 19:12	108-20-3	
Ethylbenzene	ND	ug/kg	4.5	1.6	1		06/16/13 19:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1.8	1		06/16/13 19:12	87-68-3	
2-Hexanone	ND	ug/kg	44.7	3.5	1		06/16/13 19:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.5	1.7	1		06/16/13 19:12	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.5	1.5	1		06/16/13 19:12	99-87-6	
Methylene Chloride	ND	ug/kg	17.9	2.7	1		06/16/13 19:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	44.7	3.3	1		06/16/13 19:12	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.5	1.3	1		06/16/13 19:12	1634-04-4	
Naphthalene	ND	ug/kg	4.5	1.1	1		06/16/13 19:12	91-20-3	
n-Propylbenzene	ND	ug/kg	4.5	1.5	1		06/16/13 19:12	103-65-1	
Styrene	ND	ug/kg	4.5	1.6	1		06/16/13 19:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1.9	1		06/16/13 19:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1.7	1		06/16/13 19:12	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1.5	1		06/16/13 19:12	127-18-4	
Toluene	ND	ug/kg	4.5	1.6	1		06/16/13 19:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	2.0	1		06/16/13 19:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1.4	1		06/16/13 19:12	120-82-1	
1,1,1-Trichloroethane	**2.4J**	ug/kg	4.5	1.6	1		06/16/13 19:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1.9	1		06/16/13 19:12	79-00-5	
Trichloroethene	**80.5**	ug/kg	4.5	1.9	1		06/16/13 19:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	2.0	1		06/16/13 19:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1.4	1		06/16/13 19:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.5	1.8	1		06/16/13 19:12	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-25-26 **Lab ID: 92161315027** Collected: 06/12/13 11:00 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.5	1.6	1		06/16/13 19:12	108-67-8	
Vinyl acetate	ND	ug/kg	44.7	7.9	1		06/16/13 19:12	108-05-4	
Vinyl chloride	ND	ug/kg	8.9	1.6	1		06/16/13 19:12	75-01-4	
Xylene (Total)	ND	ug/kg	8.9	3.2	1		06/16/13 19:12	1330-20-7	
m&p-Xylene	ND	ug/kg	8.9	3.2	1		06/16/13 19:12	179601-23-1	
o-Xylene	ND	ug/kg	4.5	1.7	1		06/16/13 19:12	95-47-6	
Surrogates									
Dibromofluoromethane (S)	113	%	70-130		1		06/16/13 19:12	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		06/16/13 19:12	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		1		06/16/13 19:12	460-00-4	
1,2-Dichloroethane-d4 (S)	117	%	70-132		1		06/16/13 19:12	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.0**	%	0.10	0.10	1		06/18/13 09:40		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.4**	% (w/w)	0.058	0.058	1		06/14/13 16:41		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: SPIGOT **Lab ID: 92161315028** Collected: 06/12/13 10:20 Received: 06/12/13 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/17/13 22:22	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/17/13 22:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/17/13 22:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/17/13 22:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/17/13 22:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/17/13 22:22	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/17/13 22:22	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/17/13 22:22	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/17/13 22:22	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/17/13 22:22	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/17/13 22:22	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/17/13 22:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/17/13 22:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/17/13 22:22	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/17/13 22:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/17/13 22:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/17/13 22:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/17/13 22:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/17/13 22:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/17/13 22:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/17/13 22:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/17/13 22:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/17/13 22:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/17/13 22:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/17/13 22:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/17/13 22:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/17/13 22:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/17/13 22:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/17/13 22:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/17/13 22:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/17/13 22:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/17/13 22:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/17/13 22:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/17/13 22:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/17/13 22:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/17/13 22:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/17/13 22:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/17/13 22:22	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/17/13 22:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/17/13 22:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/17/13 22:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/17/13 22:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/17/13 22:22	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/17/13 22:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/17/13 22:22	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/17/13 22:22	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: SPIGOT **Lab ID: 92161315028** Collected: 06/12/13 10:20 Received: 06/12/13 14:45 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Naphthalene	ND	ug/L	1.0	0.24	1		06/17/13 22:22	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/17/13 22:22	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/17/13 22:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/17/13 22:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/17/13 22:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/17/13 22:22	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/17/13 22:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/17/13 22:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/17/13 22:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/17/13 22:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/17/13 22:22	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/17/13 22:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/17/13 22:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/17/13 22:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/17/13 22:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/17/13 22:22	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/17/13 22:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/17/13 22:22	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/17/13 22:22	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/17/13 22:22	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/17/13 22:22	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	90	%	70-130		1		06/17/13 22:22	460-00-4	
Dibromofluoromethane (S)	96	%	70-130		1		06/17/13 22:22	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		06/17/13 22:22	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		06/17/13 22:22	2037-26-5	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-20-21 **Lab ID: 92161315029** Collected: 06/12/13 10:50 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Acetone	ND	ug/L	125	50.0	5		06/22/13 09:45	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/22/13 09:45	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/22/13 09:45	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/22/13 09:45	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/22/13 09:45	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/22/13 09:45	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/22/13 09:45	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/22/13 09:45	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 09:45	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/22/13 09:45	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/22/13 09:45	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/22/13 09:45	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 09:45	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/22/13 09:45	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/22/13 09:45	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/22/13 09:45	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/22/13 09:45	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/22/13 09:45	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/22/13 09:45	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/22/13 09:45	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/22/13 09:45	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/22/13 09:45	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/22/13 09:45	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/22/13 09:45	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 09:45	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 09:45	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/22/13 09:45	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/22/13 09:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/22/13 09:45	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/22/13 09:45	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 09:45	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 09:45	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/22/13 09:45	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/22/13 09:45	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/22/13 09:45	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/22/13 09:45	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/22/13 09:45	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/22/13 09:45	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/22/13 09:45	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/22/13 09:45	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/22/13 09:45	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/22/13 09:45	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/22/13 09:45	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/22/13 09:45	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/22/13 09:45	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-20-21 **Lab ID: 92161315029** Collected: 06/12/13 10:50 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/19/13 15:11								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/22/13 09:45	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/22/13 09:45	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/22/13 09:45	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/22/13 09:45	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/22/13 09:45	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/22/13 09:45	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/22/13 09:45	127-18-4	
Toluene	**5.7**	ug/L	5.0	1.3	5		06/22/13 09:45	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/22/13 09:45	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/22/13 09:45	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/22/13 09:45	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/22/13 09:45	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/22/13 09:45	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/22/13 09:45	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/22/13 09:45	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/22/13 09:45	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/22/13 09:45	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/22/13 09:45	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/22/13 09:45	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/22/13 09:45	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/22/13 09:45	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/22/13 09:45	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%			5		06/22/13 09:45	17060-07-0	
Toluene-d8 (S)	106	%			5		06/22/13 09:45	2037-26-5	
4-Bromofluorobenzene (S)	109	%			5		06/22/13 09:45	460-00-4	
Dibromofluoromethane (S)	114	%			5		06/22/13 09:45	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**7.7J**	ug/kg	77.1	7.7	1		06/16/13 19:31	67-64-1	
Benzene	ND	ug/kg	3.9	1.2	1		06/16/13 19:31	71-43-2	
Bromobenzene	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	108-86-1	
Bromochloromethane	ND	ug/kg	3.9	1.3	1		06/16/13 19:31	74-97-5	
Bromodichloromethane	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	75-27-4	
Bromoform	ND	ug/kg	3.9	1.8	1		06/16/13 19:31	75-25-2	
Bromomethane	ND	ug/kg	7.7	1.9	1		06/16/13 19:31	74-83-9	
2-Butanone (MEK)	ND	ug/kg	77.1	2.2	1		06/16/13 19:31	78-93-3	
n-Butylbenzene	ND	ug/kg	3.9	1.4	1		06/16/13 19:31	104-51-8	
sec-Butylbenzene	ND	ug/kg	3.9	1.2	1		06/16/13 19:31	135-98-8	
tert-Butylbenzene	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	98-06-6	
Carbon tetrachloride	ND	ug/kg	3.9	2.0	1		06/16/13 19:31	56-23-5	
Chlorobenzene	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	108-90-7	
Chloroethane	ND	ug/kg	7.7	1.9	1		06/16/13 19:31	75-00-3	
Chloroform	ND	ug/kg	3.9	1.2	1		06/16/13 19:31	67-66-3	
Chloromethane	ND	ug/kg	7.7	1.9	1		06/16/13 19:31	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-20-21 **Lab ID: 92161315029** Collected: 06/12/13 10:50 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	3.9	1.3	1		06/16/13 19:31	95-49-8	
4-Chlorotoluene	ND	ug/kg	3.9	1.4	1		06/16/13 19:31	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	3.9	2.8	1		06/16/13 19:31	96-12-8	
Dibromochloromethane	ND	ug/kg	3.9	1.4	1		06/16/13 19:31	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	3.9	1.4	1		06/16/13 19:31	106-93-4	
Dibromomethane	ND	ug/kg	3.9	1.9	1		06/16/13 19:31	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3.9	1.3	1		06/16/13 19:31	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	7.7	2.8	1		06/16/13 19:31	75-71-8	
1,1-Dichloroethane	ND	ug/kg	3.9	1.2	1		06/16/13 19:31	75-34-3	
1,2-Dichloroethane	ND	ug/kg	3.9	1.7	1		06/16/13 19:31	107-06-2	
1,1-Dichloroethene	**4.7**	ug/kg	3.9	1.4	1		06/16/13 19:31	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	3.9	1.1	1		06/16/13 19:31	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	156-60-5	
1,2-Dichloropropane	ND	ug/kg	3.9	1.3	1		06/16/13 19:31	78-87-5	
1,3-Dichloropropane	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	142-28-9	
2,2-Dichloropropane	ND	ug/kg	3.9	1.3	1		06/16/13 19:31	594-20-7	
1,1-Dichloropropene	ND	ug/kg	3.9	1.2	1		06/16/13 19:31	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	3.9	1.4	1		06/16/13 19:31	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	3.9	1.2	1		06/16/13 19:31	10061-02-6	
Diisopropyl ether	ND	ug/kg	3.9	1.3	1		06/16/13 19:31	108-20-3	
Ethylbenzene	ND	ug/kg	3.9	1.4	1		06/16/13 19:31	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	87-68-3	
2-Hexanone	ND	ug/kg	38.5	3.0	1		06/16/13 19:31	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	98-82-8	
p-Isopropyltoluene	ND	ug/kg	3.9	1.3	1		06/16/13 19:31	99-87-6	
Methylene Chloride	ND	ug/kg	15.4	2.3	1		06/16/13 19:31	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	38.5	2.9	1		06/16/13 19:31	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	3.9	1.2	1		06/16/13 19:31	1634-04-4	
Naphthalene	ND	ug/kg	3.9	0.93	1		06/16/13 19:31	91-20-3	
n-Propylbenzene	ND	ug/kg	3.9	1.3	1		06/16/13 19:31	103-65-1	
Styrene	ND	ug/kg	3.9	1.4	1		06/16/13 19:31	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	3.9	1.6	1		06/16/13 19:31	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	79-34-5	
Tetrachloroethene	ND	ug/kg	3.9	1.3	1		06/16/13 19:31	127-18-4	
Toluene	ND	ug/kg	3.9	1.4	1		06/16/13 19:31	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	3.9	1.7	1		06/16/13 19:31	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	3.9	1.2	1		06/16/13 19:31	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	3.9	1.4	1		06/16/13 19:31	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	3.9	1.6	1		06/16/13 19:31	79-00-5	
Trichloroethene	**34.0**	ug/kg	3.9	1.6	1		06/16/13 19:31	79-01-6	
Trichlorofluoromethane	ND	ug/kg	3.9	1.7	1		06/16/13 19:31	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	3.9	1.2	1		06/16/13 19:31	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Sample: RS-14-20-21 **Lab ID: 92161315029** Collected: 06/12/13 10:50 Received: 06/12/13 14:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	3.9	1.4	1		06/16/13 19:31	108-67-8	
Vinyl acetate	ND	ug/kg	38.5	6.8	1		06/16/13 19:31	108-05-4	
Vinyl chloride	ND	ug/kg	7.7	1.4	1		06/16/13 19:31	75-01-4	
Xylene (Total)	ND	ug/kg	7.7	2.8	1		06/16/13 19:31	1330-20-7	
m&p-Xylene	ND	ug/kg	7.7	2.8	1		06/16/13 19:31	179601-23-1	
o-Xylene	ND	ug/kg	3.9	1.5	1		06/16/13 19:31	95-47-6	
Surrogates									
Dibromofluoromethane (S)	109	%	70-130		1		06/16/13 19:31	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		06/16/13 19:31	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		06/16/13 19:31	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-132		1		06/16/13 19:31	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**15.0**	%	0.10	0.10	1		06/18/13 09:40		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.4**	% (w/w)	0.058	0.058	1		06/14/13 16:42		FOC

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: MSV/23355 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV SPLP
Associated Lab Samples: 92161315001, 92161315002, 92161315003, 92161315004, 92161315007, 92161315008, 92161315010, 92161315011, 92161315012, 92161315013, 92161315014, 92161315015, 92161315016, 92161315019, 92161315020

METHOD BLANK: 995554 Matrix: Water
Associated Lab Samples: 92161315001, 92161315002, 92161315003, 92161315004, 92161315007, 92161315008, 92161315010, 92161315011, 92161315012, 92161315013, 92161315014, 92161315015, 92161315016, 92161315019, 92161315020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/20/13 21:16	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/20/13 21:16	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/20/13 21:16	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/20/13 21:16	
1,1-Dichloroethane	ug/L	ND	1.0	06/20/13 21:16	
1,1-Dichloroethene	ug/L	ND	1.0	06/20/13 21:16	
1,1-Dichloropropene	ug/L	ND	1.0	06/20/13 21:16	
1,2,3-Trichlorobenzene	ug/L	0.55J	1.0	06/20/13 21:16	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/20/13 21:16	
1,2,4-Trichlorobenzene	ug/L	0.41J	1.0	06/20/13 21:16	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/20/13 21:16	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/20/13 21:16	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/20/13 21:16	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/20/13 21:16	
1,2-Dichloroethane	ug/L	ND	1.0	06/20/13 21:16	
1,2-Dichloropropane	ug/L	ND	1.0	06/20/13 21:16	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/20/13 21:16	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/20/13 21:16	
1,3-Dichloropropane	ug/L	ND	1.0	06/20/13 21:16	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/20/13 21:16	
2,2-Dichloropropane	ug/L	ND	1.0	06/20/13 21:16	
2-Butanone (MEK)	ug/L	ND	5.0	06/20/13 21:16	
2-Chlorotoluene	ug/L	ND	1.0	06/20/13 21:16	
2-Hexanone	ug/L	ND	5.0	06/20/13 21:16	
4-Chlorotoluene	ug/L	ND	1.0	06/20/13 21:16	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/20/13 21:16	
Acetone	ug/L	ND	25.0	06/20/13 21:16	
Benzene	ug/L	ND	1.0	06/20/13 21:16	
Bromobenzene	ug/L	ND	1.0	06/20/13 21:16	
Bromochloromethane	ug/L	ND	1.0	06/20/13 21:16	
Bromodichloromethane	ug/L	ND	1.0	06/20/13 21:16	
Bromoform	ug/L	ND	1.0	06/20/13 21:16	
Bromomethane	ug/L	ND	2.0	06/20/13 21:16	
Carbon tetrachloride	ug/L	ND	1.0	06/20/13 21:16	
Chlorobenzene	ug/L	ND	1.0	06/20/13 21:16	
Chloroethane	ug/L	ND	1.0	06/20/13 21:16	
Chloroform	ug/L	ND	1.0	06/20/13 21:16	
Chloromethane	ug/L	ND	1.0	06/20/13 21:16	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/20/13 21:16	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

METHOD BLANK: 995554 Matrix: Water

Associated Lab Samples: 92161315001, 92161315002, 92161315003, 92161315004, 92161315007, 92161315008, 92161315010, 92161315011, 92161315012, 92161315013, 92161315014, 92161315015, 92161315016, 92161315019, 92161315020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/20/13 21:16	
Dibromochloromethane	ug/L	ND	1.0	06/20/13 21:16	
Dibromomethane	ug/L	ND	1.0	06/20/13 21:16	
Dichlorodifluoromethane	ug/L	ND	1.0	06/20/13 21:16	
Diisopropyl ether	ug/L	ND	1.0	06/20/13 21:16	
Ethylbenzene	ug/L	ND	1.0	06/20/13 21:16	
Hexachloro-1,3-butadiene	ug/L	1.8	1.0	06/20/13 21:16	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/20/13 21:16	
m&p-Xylene	ug/L	ND	2.0	06/20/13 21:16	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/20/13 21:16	
Methylene Chloride	ug/L	ND	2.0	06/20/13 21:16	
n-Butylbenzene	ug/L	ND	1.0	06/20/13 21:16	
n-Propylbenzene	ug/L	ND	1.0	06/20/13 21:16	
Naphthalene	ug/L	0.36J	1.0	06/20/13 21:16	
o-Xylene	ug/L	ND	1.0	06/20/13 21:16	
p-Isopropyltoluene	ug/L	ND	1.0	06/20/13 21:16	
sec-Butylbenzene	ug/L	ND	1.0	06/20/13 21:16	
Styrene	ug/L	ND	1.0	06/20/13 21:16	
tert-Butylbenzene	ug/L	ND	1.0	06/20/13 21:16	
Tetrachloroethene	ug/L	ND	1.0	06/20/13 21:16	
Toluene	ug/L	ND	1.0	06/20/13 21:16	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/20/13 21:16	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/20/13 21:16	
Trichloroethene	ug/L	ND	1.0	06/20/13 21:16	
Trichlorofluoromethane	ug/L	ND	1.0	06/20/13 21:16	
Vinyl acetate	ug/L	ND	2.0	06/20/13 21:16	
Vinyl chloride	ug/L	ND	1.0	06/20/13 21:16	
Xylene (Total)	ug/L	ND	2.0	06/20/13 21:16	
1,2-Dichloroethane-d4 (S)	%	100	70-130	06/20/13 21:16	
4-Bromofluorobenzene (S)	%	109	70-130	06/20/13 21:16	
Dibromofluoromethane (S)	%	111	70-130	06/20/13 21:16	
Toluene-d8 (S)	%	102	70-130	06/20/13 21:16	

LABORATORY CONTROL SAMPLE: 995555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.9	92	70-130	
1,1,1-Trichloroethane	ug/L	50	53.0	106	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	45.2	90	70-130	
1,1,2-Trichloroethane	ug/L	50	52.9	106	70-130	
1,1-Dichloroethane	ug/L	50	54.3	109	70-130	
1,1-Dichloroethene	ug/L	50	51.6	103	70-132	
1,1-Dichloropropene	ug/L	50	52.7	105	70-130	
1,2,3-Trichlorobenzene	ug/L	50	38.0	76	70-135	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 995555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	42.5	85	70-130	
1,2,4-Trichlorobenzene	ug/L	50	39.0	78	70-134	
1,2,4-Trimethylbenzene	ug/L	50	39.5	79	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	40.9	82	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	44.9	90	70-130	
1,2-Dichlorobenzene	ug/L	50	42.4	85	70-130	
1,2-Dichloroethane	ug/L	50	50.8	102	70-130	
1,2-Dichloropropane	ug/L	50	47.6	95	70-130	
1,3,5-Trimethylbenzene	ug/L	50	39.8	80	70-130	
1,3-Dichlorobenzene	ug/L	50	42.3	85	70-130	
1,3-Dichloropropane	ug/L	50	42.5	85	70-130	
1,4-Dichlorobenzene	ug/L	50	42.5	85	70-130	
2,2-Dichloropropane	ug/L	50	35.3	71	58-145	
2-Butanone (MEK)	ug/L	100	93.4	93	70-145	
2-Chlorotoluene	ug/L	50	41.6	83	70-130	
2-Hexanone	ug/L	100	84.8	85	70-144	
4-Chlorotoluene	ug/L	50	43.0	86	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	97.4	97	70-140	
Acetone	ug/L	100	93.9	94	50-175	
Benzene	ug/L	50	50.0	100	70-130	
Bromobenzene	ug/L	50	40.1	80	70-130	
Bromochloromethane	ug/L	50	54.6	109	70-130	
Bromodichloromethane	ug/L	50	48.4	97	70-130	
Bromoform	ug/L	50	42.8	86	70-130	
Bromomethane	ug/L	50	66.2	132	54-130	F3,L3
Carbon tetrachloride	ug/L	50	51.2	102	70-132	
Chlorobenzene	ug/L	50	45.2	90	70-130	
Chloroethane	ug/L	50	54.8	110	64-134	
Chloroform	ug/L	50	53.0	106	70-130	
Chloromethane	ug/L	50	43.2	86	64-130	
cis-1,2-Dichloroethene	ug/L	50	52.6	105	70-131	
cis-1,3-Dichloropropene	ug/L	50	45.0	90	70-130	
Dibromochloromethane	ug/L	50	44.1	88	70-130	
Dibromomethane	ug/L	50	54.0	108	70-131	
Dichlorodifluoromethane	ug/L	50	47.4	95	56-130	
Diisopropyl ether	ug/L	50	54.5	109	70-130	
Ethylbenzene	ug/L	50	44.3	89	70-130	
Hexachloro-1,3-butadiene	ug/L	50	35.9	72	70-130	
Isopropylbenzene (Cumene)	ug/L	50	45.3	91	70-130	
m&p-Xylene	ug/L	100	89.2	89	70-130	
Methyl-tert-butyl ether	ug/L	50	57.9	116	70-130	
Methylene Chloride	ug/L	50	47.1	94	63-130	
n-Butylbenzene	ug/L	50	38.3	77	70-130	
n-Propylbenzene	ug/L	50	40.7	81	70-130	
Naphthalene	ug/L	50	37.9	76	70-138	
o-Xylene	ug/L	50	44.9	90	70-130	
p-Isopropyltoluene	ug/L	50	40.0	80	70-130	
sec-Butylbenzene	ug/L	50	40.9	82	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 995555

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	50	45.8	92	70-130	
tert-Butylbenzene	ug/L	50	40.7	81	70-130	
Tetrachloroethene	ug/L	50	45.0	90	70-130	
Toluene	ug/L	50	49.9	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	52.2	104	70-130	
trans-1,3-Dichloropropene	ug/L	50	45.3	91	70-132	
Trichloroethene	ug/L	50	48.7	97	70-130	
Trichlorofluoromethane	ug/L	50	56.3	113	62-133	
Vinyl acetate	ug/L	100	99.0	99	66-157	
Vinyl chloride	ug/L	50	54.8	110	69-130	
Xylene (Total)	ug/L	150	134	89	70-130	
1,2-Dichloroethane-d4 (S)	%			108	70-130	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			104	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 996586 996587

Parameter	Units	92161315001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	52.9	56.2	106	112		6		
Benzene	ug/L	ND	50	50	59.7	60.3	119	121		1		
Chlorobenzene	ug/L	ND	50	50	50.4	49.5	101	99		2		
Toluene	ug/L	6.0	50	50	66.5	63.3	121	115		5		
Trichloroethene	ug/L	ND	50	50	64.3	61.3	129	123		5		
1,2-Dichloroethane-d4 (S)	%						100	101				
4-Bromofluorobenzene (S)	%						105	103				
Dibromofluoromethane (S)	%						105	103				
Toluene-d8 (S)	%						103	101				

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: MSV/23382 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV SPLP
Associated Lab Samples: 92161315005, 92161315006, 92161315009, 92161315017, 92161315018, 92161315021, 92161315022, 92161315023, 92161315024, 92161315025, 92161315026, 92161315027, 92161315029

METHOD BLANK: 997420 Matrix: Water
Associated Lab Samples: 92161315005, 92161315006, 92161315009, 92161315017, 92161315018, 92161315021, 92161315022, 92161315023, 92161315024, 92161315025, 92161315026, 92161315027, 92161315029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,1-Dichloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,1-Dichloroethene	ug/L	ND	1.0	06/22/13 04:58	
1,1-Dichloropropene	ug/L	ND	1.0	06/22/13 04:58	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/22/13 04:58	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/22/13 04:58	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/22/13 04:58	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/22/13 04:58	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
1,2-Dichloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,2-Dichloropropane	ug/L	ND	1.0	06/22/13 04:58	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/22/13 04:58	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
1,3-Dichloropropane	ug/L	ND	1.0	06/22/13 04:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
2,2-Dichloropropane	ug/L	ND	1.0	06/22/13 04:58	
2-Butanone (MEK)	ug/L	ND	5.0	06/22/13 04:58	
2-Chlorotoluene	ug/L	ND	1.0	06/22/13 04:58	
2-Hexanone	ug/L	ND	5.0	06/22/13 04:58	
4-Chlorotoluene	ug/L	ND	1.0	06/22/13 04:58	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/22/13 04:58	
Acetone	ug/L	ND	25.0	06/22/13 04:58	
Benzene	ug/L	ND	1.0	06/22/13 04:58	
Bromobenzene	ug/L	ND	1.0	06/22/13 04:58	
Bromochloromethane	ug/L	ND	1.0	06/22/13 04:58	
Bromodichloromethane	ug/L	ND	1.0	06/22/13 04:58	
Bromoform	ug/L	ND	1.0	06/22/13 04:58	
Bromomethane	ug/L	ND	2.0	06/22/13 04:58	
Carbon tetrachloride	ug/L	ND	1.0	06/22/13 04:58	
Chlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
Chloroethane	ug/L	ND	1.0	06/22/13 04:58	
Chloroform	ug/L	ND	1.0	06/22/13 04:58	
Chloromethane	ug/L	ND	1.0	06/22/13 04:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/22/13 04:58	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/22/13 04:58	
Dibromochloromethane	ug/L	ND	1.0	06/22/13 04:58	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

METHOD BLANK: 997420 Matrix: Water

Associated Lab Samples: 92161315005, 92161315006, 92161315009, 92161315017, 92161315018, 92161315021, 92161315022, 92161315023, 92161315024, 92161315025, 92161315026, 92161315027, 92161315029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/L	ND	1.0	06/22/13 04:58	
Dichlorodifluoromethane	ug/L	ND	1.0	06/22/13 04:58	
Diisopropyl ether	ug/L	ND	1.0	06/22/13 04:58	
Ethylbenzene	ug/L	ND	1.0	06/22/13 04:58	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/22/13 04:58	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/22/13 04:58	
m&p-Xylene	ug/L	ND	2.0	06/22/13 04:58	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/22/13 04:58	
Methylene Chloride	ug/L	ND	2.0	06/22/13 04:58	
n-Butylbenzene	ug/L	ND	1.0	06/22/13 04:58	
n-Propylbenzene	ug/L	ND	1.0	06/22/13 04:58	
Naphthalene	ug/L	ND	1.0	06/22/13 04:58	
o-Xylene	ug/L	ND	1.0	06/22/13 04:58	
p-Isopropyltoluene	ug/L	ND	1.0	06/22/13 04:58	
sec-Butylbenzene	ug/L	ND	1.0	06/22/13 04:58	
Styrene	ug/L	ND	1.0	06/22/13 04:58	
tert-Butylbenzene	ug/L	ND	1.0	06/22/13 04:58	
Tetrachloroethene	ug/L	ND	1.0	06/22/13 04:58	
Toluene	ug/L	ND	1.0	06/22/13 04:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/22/13 04:58	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/22/13 04:58	
Trichloroethene	ug/L	ND	1.0	06/22/13 04:58	
Trichlorofluoromethane	ug/L	ND	1.0	06/22/13 04:58	
Vinyl acetate	ug/L	ND	2.0	06/22/13 04:58	
Vinyl chloride	ug/L	ND	1.0	06/22/13 04:58	
Xylene (Total)	ug/L	ND	2.0	06/22/13 04:58	
1,2-Dichloroethane-d4 (S)	%	101	70-130	06/22/13 04:58	
4-Bromofluorobenzene (S)	%	108	70-130	06/22/13 04:58	
Dibromofluoromethane (S)	%	113	70-130	06/22/13 04:58	
Toluene-d8 (S)	%	105	70-130	06/22/13 04:58	

LABORATORY CONTROL SAMPLE: 997421

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.5	91	70-130	
1,1,1-Trichloroethane	ug/L	50	56.6	113	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	44.5	89	70-130	
1,1,2-Trichloroethane	ug/L	50	53.3	107	70-130	
1,1-Dichloroethane	ug/L	50	55.4	111	70-130	
1,1-Dichloroethene	ug/L	50	52.5	105	70-132	
1,1-Dichloropropene	ug/L	50	55.4	111	70-130	
1,2,3-Trichlorobenzene	ug/L	50	39.3	79	70-135	
1,2,3-Trichloropropane	ug/L	50	43.1	86	70-130	
1,2,4-Trichlorobenzene	ug/L	50	39.5	79	70-134	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 997421

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/L	50	39.5	79	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	38.5	77	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	45.7	91	70-130	
1,2-Dichlorobenzene	ug/L	50	43.6	87	70-130	
1,2-Dichloroethane	ug/L	50	53.4	107	70-130	
1,2-Dichloropropane	ug/L	50	47.7	95	70-130	
1,3,5-Trimethylbenzene	ug/L	50	39.5	79	70-130	
1,3-Dichlorobenzene	ug/L	50	41.5	83	70-130	
1,3-Dichloropropane	ug/L	50	41.2	82	70-130	
1,4-Dichlorobenzene	ug/L	50	42.3	85	70-130	
2,2-Dichloropropane	ug/L	50	42.9	86	58-145	
2-Butanone (MEK)	ug/L	100	104	104	70-145	
2-Chlorotoluene	ug/L	50	41.4	83	70-130	
2-Hexanone	ug/L	100	78.5	79	70-144	
4-Chlorotoluene	ug/L	50	42.2	84	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	96.5	97	70-140	
Acetone	ug/L	100	92.7	93	50-175	
Benzene	ug/L	50	51.0	102	70-130	
Bromobenzene	ug/L	50	39.0	78	70-130	
Bromochloromethane	ug/L	50	55.8	112	70-130	
Bromodichloromethane	ug/L	50	49.9	100	70-130	
Bromoform	ug/L	50	43.5	87	70-130	
Bromomethane	ug/L	50	55.7	111	54-130	F3
Carbon tetrachloride	ug/L	50	52.6	105	70-132	
Chlorobenzene	ug/L	50	45.6	91	70-130	
Chloroethane	ug/L	50	56.4	113	64-134	
Chloroform	ug/L	50	53.6	107	70-130	
Chloromethane	ug/L	50	39.1	78	64-130	
cis-1,2-Dichloroethene	ug/L	50	53.6	107	70-131	
cis-1,3-Dichloropropene	ug/L	50	47.9	96	70-130	
Dibromochloromethane	ug/L	50	43.6	87	70-130	
Dibromomethane	ug/L	50	56.3	113	70-131	
Dichlorodifluoromethane	ug/L	50	53.0	106	56-130	
Diisopropyl ether	ug/L	50	50.2	100	70-130	
Ethylbenzene	ug/L	50	44.5	89	70-130	
Hexachloro-1,3-butadiene	ug/L	50	37.8	76	70-130	
Isopropylbenzene (Cumene)	ug/L	50	46.7	93	70-130	
m&p-Xylene	ug/L	100	91.2	91	70-130	
Methyl-tert-butyl ether	ug/L	50	55.6	111	70-130	
Methylene Chloride	ug/L	50	48.5	97	63-130	
n-Butylbenzene	ug/L	50	39.2	78	70-130	
n-Propylbenzene	ug/L	50	40.7	81	70-130	
Naphthalene	ug/L	50	38.6	77	70-138	
o-Xylene	ug/L	50	46.0	92	70-130	
p-Isopropyltoluene	ug/L	50	41.4	83	70-130	
sec-Butylbenzene	ug/L	50	41.0	82	70-130	
Styrene	ug/L	50	46.9	94	70-130	
tert-Butylbenzene	ug/L	50	40.7	81	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 997421

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/L	50	45.9	92	70-130	
Toluene	ug/L	50	52.8	106	70-130	
trans-1,2-Dichloroethene	ug/L	50	53.8	108	70-130	
trans-1,3-Dichloropropene	ug/L	50	47.7	95	70-132	
Trichloroethene	ug/L	50	51.5	103	70-130	
Trichlorofluoromethane	ug/L	50	57.1	114	62-133	
Vinyl acetate	ug/L	100	103	103	66-157	
Vinyl chloride	ug/L	50	54.9	110	69-130	
Xylene (Total)	ug/L	150	137	91	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			111	70-130	
Dibromofluoromethane (S)	%			104	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 997422 997423

Parameter	Units	92161315024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	56.7	54.7	113	109		4		
Benzene	ug/L	ND	50	50	61.7	61.1	123	122		1		
Chlorobenzene	ug/L	ND	50	50	50.8	48.5	102	97		5		
Toluene	ug/L	2.0	50	50	63.8	63.7	123	123		0		
Trichloroethene	ug/L	ND	50	50	69.2	65.7	138	131		5		
1,2-Dichloroethane-d4 (S)	%						104	101				
4-Bromofluorobenzene (S)	%						107	106				
Dibromofluoromethane (S)	%						114	110				
Toluene-d8 (S)	%						105	106				

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: MSV/23297
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 92161315011

METHOD BLANK: 991850
Matrix: Water
Associated Lab Samples: 92161315011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	5.0	06/14/13 11:20	
1,2-Dichloroethane	ug/L	ND	5.0	06/14/13 11:20	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/14/13 11:20	
2-Butanone (MEK)	ug/L	ND	10.0	06/14/13 11:20	
Benzene	ug/L	ND	5.0	06/14/13 11:20	
Carbon tetrachloride	ug/L	ND	5.0	06/14/13 11:20	
Chlorobenzene	ug/L	ND	5.0	06/14/13 11:20	
Chloroform	ug/L	ND	5.0	06/14/13 11:20	
Tetrachloroethene	ug/L	ND	5.0	06/14/13 11:20	
Trichloroethene	ug/L	ND	5.0	06/14/13 11:20	
Vinyl chloride	ug/L	ND	5.0	06/14/13 11:20	
1,2-Dichloroethane-d4 (S)	%	104	70-130	06/14/13 11:20	
4-Bromofluorobenzene (S)	%	97	70-130	06/14/13 11:20	
Dibromofluoromethane (S)	%	107	70-130	06/14/13 11:20	
Toluene-d8 (S)	%	98	67-135	06/14/13 11:20	

LABORATORY CONTROL SAMPLE: 991851

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	54.5	109	70-141	
1,2-Dichloroethane	ug/L	50	51.2	102	70-139	
1,4-Dichlorobenzene	ug/L	50	52.3	105	70-141	
2-Butanone (MEK)	ug/L	100	109	109	63-150	
Benzene	ug/L	50	50.5	101	70-132	
Carbon tetrachloride	ug/L	50	56.6	113	70-150	
Chlorobenzene	ug/L	50	51.6	103	70-134	
Chloroform	ug/L	50	56.0	112	70-130	
Tetrachloroethene	ug/L	50	49.6	99	70-137	
Trichloroethene	ug/L	50	48.6	97	70-131	
Vinyl chloride	ug/L	50	55.9	112	56-144	
1,2-Dichloroethane-d4 (S)	%			108	70-130	
4-Bromofluorobenzene (S)	%			105	70-130	
Dibromofluoromethane (S)	%			109	70-130	
Toluene-d8 (S)	%			99	67-135	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: MSV/23442 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 92161315009, 92161315015, 92161315016

METHOD BLANK: 999650 Matrix: Water
Associated Lab Samples: 92161315009, 92161315015, 92161315016

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	5.0	06/27/13 01:29	
1,2-Dichloroethane	ug/L	ND	5.0	06/27/13 01:29	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/27/13 01:29	
2-Butanone (MEK)	ug/L	16.4	10.0	06/27/13 01:29	P8
Benzene	ug/L	ND	5.0	06/27/13 01:29	
Carbon tetrachloride	ug/L	ND	5.0	06/27/13 01:29	
Chlorobenzene	ug/L	ND	5.0	06/27/13 01:29	
Chloroform	ug/L	ND	5.0	06/27/13 01:29	
Tetrachloroethene	ug/L	ND	5.0	06/27/13 01:29	
Trichloroethene	ug/L	ND	5.0	06/27/13 01:29	
Vinyl chloride	ug/L	ND	5.0	06/27/13 01:29	
1,2-Dichloroethane-d4 (S)	%	100	70-130	06/27/13 01:29	
4-Bromofluorobenzene (S)	%	94	70-130	06/27/13 01:29	
Dibromofluoromethane (S)	%	98	70-130	06/27/13 01:29	
Toluene-d8 (S)	%	100	67-135	06/27/13 01:29	

LABORATORY CONTROL SAMPLE: 999651

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	54.6	109	70-141	
1,2-Dichloroethane	ug/L	50	49.4	99	70-139	
1,4-Dichlorobenzene	ug/L	50	50.5	101	70-141	
2-Butanone (MEK)	ug/L	100	112	112	63-150	
Benzene	ug/L	50	49.0	98	70-132	
Carbon tetrachloride	ug/L	50	56.4	113	70-150	
Chlorobenzene	ug/L	50	50.9	102	70-134	
Chloroform	ug/L	50	52.3	105	70-130	
Tetrachloroethene	ug/L	50	53.1	106	70-137	
Trichloroethene	ug/L	50	50.7	101	70-131	
Vinyl chloride	ug/L	50	53.3	107	56-144	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			99	67-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1000716 1000717

Parameter	Units	92162531001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	2500	2500	3120	2690	125	108	70-150	15	30	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1000716 1000717

Parameter	Units	92162531001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	2500	2500	3290	2920	132	117	70-150	12	30	
Chlorobenzene	ug/L	ND	2500	2500	3050	2690	122	108	70-150	13	30	
Trichloroethene	ug/L	ND	2500	2500	3270	2900	131	116	70-150	12	30	
1,2-Dichloroethane-d4 (S)	%						89	86	70-130			
4-Bromofluorobenzene (S)	%						114	111	70-130			
Dibromofluoromethane (S)	%						85	81	70-130			
Toluene-d8 (S)	%						104	104	67-135			

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: MSV/23331
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92161315028

METHOD BLANK: 994116
Matrix: Water
Associated Lab Samples: 92161315028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/17/13 17:40	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/17/13 17:40	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/17/13 17:40	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/17/13 17:40	
1,1-Dichloroethane	ug/L	ND	1.0	06/17/13 17:40	
1,1-Dichloroethene	ug/L	ND	1.0	06/17/13 17:40	
1,1-Dichloropropene	ug/L	ND	1.0	06/17/13 17:40	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/17/13 17:40	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/17/13 17:40	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/17/13 17:40	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/17/13 17:40	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/17/13 17:40	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/17/13 17:40	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/17/13 17:40	
1,2-Dichloroethane	ug/L	ND	1.0	06/17/13 17:40	
1,2-Dichloropropane	ug/L	ND	1.0	06/17/13 17:40	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/17/13 17:40	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/17/13 17:40	
1,3-Dichloropropane	ug/L	ND	1.0	06/17/13 17:40	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/17/13 17:40	
2,2-Dichloropropane	ug/L	ND	1.0	06/17/13 17:40	
2-Butanone (MEK)	ug/L	ND	5.0	06/17/13 17:40	
2-Chlorotoluene	ug/L	ND	1.0	06/17/13 17:40	
2-Hexanone	ug/L	ND	5.0	06/17/13 17:40	
4-Chlorotoluene	ug/L	ND	1.0	06/17/13 17:40	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/17/13 17:40	
Acetone	ug/L	ND	25.0	06/17/13 17:40	
Benzene	ug/L	ND	1.0	06/17/13 17:40	
Bromobenzene	ug/L	ND	1.0	06/17/13 17:40	
Bromochloromethane	ug/L	ND	1.0	06/17/13 17:40	
Bromodichloromethane	ug/L	ND	1.0	06/17/13 17:40	
Bromoform	ug/L	ND	1.0	06/17/13 17:40	
Bromomethane	ug/L	ND	2.0	06/17/13 17:40	
Carbon tetrachloride	ug/L	ND	1.0	06/17/13 17:40	
Chlorobenzene	ug/L	ND	1.0	06/17/13 17:40	
Chloroethane	ug/L	ND	1.0	06/17/13 17:40	
Chloroform	ug/L	ND	1.0	06/17/13 17:40	
Chloromethane	ug/L	ND	1.0	06/17/13 17:40	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/17/13 17:40	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/17/13 17:40	
Dibromochloromethane	ug/L	ND	1.0	06/17/13 17:40	
Dibromomethane	ug/L	ND	1.0	06/17/13 17:40	
Dichlorodifluoromethane	ug/L	ND	1.0	06/17/13 17:40	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

METHOD BLANK: 994116 Matrix: Water

Associated Lab Samples: 92161315028

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/17/13 17:40	
Ethylbenzene	ug/L	ND	1.0	06/17/13 17:40	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/17/13 17:40	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/17/13 17:40	
m&p-Xylene	ug/L	ND	2.0	06/17/13 17:40	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/17/13 17:40	
Methylene Chloride	ug/L	ND	2.0	06/17/13 17:40	
n-Butylbenzene	ug/L	ND	1.0	06/17/13 17:40	
n-Propylbenzene	ug/L	ND	1.0	06/17/13 17:40	
Naphthalene	ug/L	ND	1.0	06/17/13 17:40	
o-Xylene	ug/L	ND	1.0	06/17/13 17:40	
p-Isopropyltoluene	ug/L	ND	1.0	06/17/13 17:40	
sec-Butylbenzene	ug/L	ND	1.0	06/17/13 17:40	
Styrene	ug/L	ND	1.0	06/17/13 17:40	
tert-Butylbenzene	ug/L	ND	1.0	06/17/13 17:40	
Tetrachloroethene	ug/L	ND	1.0	06/17/13 17:40	
Toluene	ug/L	ND	1.0	06/17/13 17:40	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/17/13 17:40	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/17/13 17:40	
Trichloroethene	ug/L	ND	1.0	06/17/13 17:40	
Trichlorofluoromethane	ug/L	ND	1.0	06/17/13 17:40	
Vinyl acetate	ug/L	ND	2.0	06/17/13 17:40	
Vinyl chloride	ug/L	ND	1.0	06/17/13 17:40	
Xylene (Total)	ug/L	ND	2.0	06/17/13 17:40	
1,2-Dichloroethane-d4 (S)	%	94	70-130	06/17/13 17:40	
4-Bromofluorobenzene (S)	%	93	70-130	06/17/13 17:40	
Dibromofluoromethane (S)	%	98	70-130	06/17/13 17:40	
Toluene-d8 (S)	%	98	70-130	06/17/13 17:40	

LABORATORY CONTROL SAMPLE: 994117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	48.6	97	70-130	
1,1,1-Trichloroethane	ug/L	50	49.5	99	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	54.9	110	70-130	
1,1,2-Trichloroethane	ug/L	50	55.3	111	70-130	
1,1-Dichloroethane	ug/L	50	48.2	96	70-130	
1,1-Dichloroethene	ug/L	50	43.6	87	70-132	
1,1-Dichloropropene	ug/L	50	48.1	96	70-130	
1,2,3-Trichlorobenzene	ug/L	50	53.6	107	70-135	
1,2,3-Trichloropropane	ug/L	50	49.6	99	70-130	
1,2,4-Trichlorobenzene	ug/L	50	53.3	107	70-134	
1,2,4-Trimethylbenzene	ug/L	50	53.3	107	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	53.2	106	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	52.9	106	70-130	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 994117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	50	55.1	110	70-130	
1,2-Dichloroethane	ug/L	50	45.1	90	70-130	
1,2-Dichloropropane	ug/L	50	46.3	93	70-130	
1,3,5-Trimethylbenzene	ug/L	50	52.4	105	70-130	
1,3-Dichlorobenzene	ug/L	50	53.6	107	70-130	
1,3-Dichloropropane	ug/L	50	49.1	98	70-130	
1,4-Dichlorobenzene	ug/L	50	53.6	107	70-130	
2,2-Dichloropropane	ug/L	50	50.5	101	58-145	
2-Butanone (MEK)	ug/L	100	101	101	70-145	
2-Chlorotoluene	ug/L	50	52.2	104	70-130	
2-Hexanone	ug/L	100	110	110	70-144	
4-Chlorotoluene	ug/L	50	53.6	107	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	70-140	
Acetone	ug/L	100	93.0	93	50-175	
Benzene	ug/L	50	47.9	96	70-130	
Bromobenzene	ug/L	50	49.7	99	70-130	
Bromochloromethane	ug/L	50	49.8	100	70-130	
Bromodichloromethane	ug/L	50	50.7	101	70-130	
Bromoform	ug/L	50	46.4	93	70-130	
Bromomethane	ug/L	50	43.4	87	54-130	
Carbon tetrachloride	ug/L	50	46.9	94	70-132	
Chlorobenzene	ug/L	50	52.1	104	70-130	
Chloroethane	ug/L	50	47.5	95	64-134	
Chloroform	ug/L	50	49.1	98	70-130	
Chloromethane	ug/L	50	39.0	78	64-130	
cis-1,2-Dichloroethene	ug/L	50	47.8	96	70-131	
cis-1,3-Dichloropropene	ug/L	50	45.6	91	70-130	
Dibromochloromethane	ug/L	50	48.1	96	70-130	
Dibromomethane	ug/L	50	51.4	103	70-131	
Dichlorodifluoromethane	ug/L	50	25.0	50	56-130	L0
Diisopropyl ether	ug/L	50	51.1	102	70-130	
Ethylbenzene	ug/L	50	51.6	103	70-130	
Hexachloro-1,3-butadiene	ug/L	50	54.2	108	70-130	
Isopropylbenzene (Cumene)	ug/L	50	53.8	108	70-130	
m&p-Xylene	ug/L	100	106	106	70-130	
Methyl-tert-butyl ether	ug/L	50	51.7	103	70-130	
Methylene Chloride	ug/L	50	48.8	98	63-130	
n-Butylbenzene	ug/L	50	54.8	110	70-130	
n-Propylbenzene	ug/L	50	52.5	105	70-130	
Naphthalene	ug/L	50	55.0	110	70-138	
o-Xylene	ug/L	50	51.5	103	70-130	
p-Isopropyltoluene	ug/L	50	56.2	112	70-130	
sec-Butylbenzene	ug/L	50	56.0	112	70-130	
Styrene	ug/L	50	54.4	109	70-130	
tert-Butylbenzene	ug/L	50	52.7	105	70-130	
Tetrachloroethene	ug/L	50	52.3	105	70-130	
Toluene	ug/L	50	49.8	100	70-130	
trans-1,2-Dichloroethene	ug/L	50	46.6	93	70-130	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 994117

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	50	46.5	93	70-132	
Trichloroethene	ug/L	50	47.2	94	70-130	
Trichlorofluoromethane	ug/L	50	43.9	88	62-133	
Vinyl acetate	ug/L	100	98.4	98	66-157	
Vinyl chloride	ug/L	50	43.6	87	69-130	
Xylene (Total)	ug/L	150	157	105	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			99	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 994118 994119

Parameter	Units	92161684004 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	52.9	48.6	106	97	70-166	8	30	
Benzene	ug/L	ND	50	50	58.4	54.8	117	110	70-148	6	30	
Chlorobenzene	ug/L	ND	50	50	58.7	53.7	117	107	70-146	9	30	
Toluene	ug/L	ND	50	50	55.6	52.9	111	106	70-155	5	30	
Trichloroethene	ug/L	ND	50	50	58.0	54.7	116	109	69-151	6	30	
1,2-Dichloroethane-d4 (S)	%						92	91	70-130			
4-Bromofluorobenzene (S)	%						91	91	70-130			
Dibromofluoromethane (S)	%						97	93	70-130			
Toluene-d8 (S)	%						97	98	70-130			

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: MSV/23319 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92161315001, 92161315002, 92161315003, 92161315004, 92161315005, 92161315006, 92161315007, 92161315008, 92161315009, 92161315010, 92161315011, 92161315012, 92161315013

METHOD BLANK: 993008 Matrix: Solid
Associated Lab Samples: 92161315001, 92161315002, 92161315003, 92161315004, 92161315005, 92161315006, 92161315007, 92161315008, 92161315009, 92161315010, 92161315011, 92161315012, 92161315013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	6.7	06/14/13 11:39	
1,1,1-Trichloroethane	ug/kg	ND	6.7	06/14/13 11:39	
1,1,2,2-Tetrachloroethane	ug/kg	ND	6.7	06/14/13 11:39	
1,1,2-Trichloroethane	ug/kg	ND	6.7	06/14/13 11:39	
1,1-Dichloroethane	ug/kg	ND	6.7	06/14/13 11:39	
1,1-Dichloroethene	ug/kg	ND	6.7	06/14/13 11:39	
1,1-Dichloropropene	ug/kg	ND	6.7	06/14/13 11:39	
1,2,3-Trichlorobenzene	ug/kg	ND	6.7	06/14/13 11:39	
1,2,3-Trichloropropane	ug/kg	ND	6.7	06/14/13 11:39	
1,2,4-Trichlorobenzene	ug/kg	ND	6.7	06/14/13 11:39	
1,2,4-Trimethylbenzene	ug/kg	ND	6.7	06/14/13 11:39	
1,2-Dibromo-3-chloropropane	ug/kg	ND	6.7	06/14/13 11:39	
1,2-Dibromoethane (EDB)	ug/kg	ND	6.7	06/14/13 11:39	
1,2-Dichlorobenzene	ug/kg	ND	6.7	06/14/13 11:39	
1,2-Dichloroethane	ug/kg	ND	6.7	06/14/13 11:39	
1,2-Dichloropropane	ug/kg	ND	6.7	06/14/13 11:39	
1,3,5-Trimethylbenzene	ug/kg	ND	6.7	06/14/13 11:39	
1,3-Dichlorobenzene	ug/kg	ND	6.7	06/14/13 11:39	
1,3-Dichloropropane	ug/kg	ND	6.7	06/14/13 11:39	
1,4-Dichlorobenzene	ug/kg	ND	6.7	06/14/13 11:39	
2,2-Dichloropropane	ug/kg	ND	6.7	06/14/13 11:39	
2-Butanone (MEK)	ug/kg	ND	135	06/14/13 11:39	
2-Chlorotoluene	ug/kg	ND	6.7	06/14/13 11:39	
2-Hexanone	ug/kg	ND	67.4	06/14/13 11:39	
4-Chlorotoluene	ug/kg	ND	6.7	06/14/13 11:39	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	67.4	06/14/13 11:39	
Acetone	ug/kg	ND	135	06/14/13 11:39	
Benzene	ug/kg	ND	6.7	06/14/13 11:39	
Bromobenzene	ug/kg	ND	6.7	06/14/13 11:39	
Bromochloromethane	ug/kg	ND	6.7	06/14/13 11:39	
Bromodichloromethane	ug/kg	ND	6.7	06/14/13 11:39	
Bromoform	ug/kg	ND	6.7	06/14/13 11:39	
Bromomethane	ug/kg	ND	13.5	06/14/13 11:39	
Carbon tetrachloride	ug/kg	ND	6.7	06/14/13 11:39	
Chlorobenzene	ug/kg	ND	6.7	06/14/13 11:39	
Chloroethane	ug/kg	ND	13.5	06/14/13 11:39	
Chloroform	ug/kg	ND	6.7	06/14/13 11:39	
Chloromethane	ug/kg	ND	13.5	06/14/13 11:39	
cis-1,2-Dichloroethene	ug/kg	ND	6.7	06/14/13 11:39	
cis-1,3-Dichloropropene	ug/kg	ND	6.7	06/14/13 11:39	
Dibromochloromethane	ug/kg	ND	6.7	06/14/13 11:39	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

METHOD BLANK: 993008 Matrix: Solid

Associated Lab Samples: 92161315001, 92161315002, 92161315003, 92161315004, 92161315005, 92161315006, 92161315007, 92161315008, 92161315009, 92161315010, 92161315011, 92161315012, 92161315013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	6.7	06/14/13 11:39	
Dichlorodifluoromethane	ug/kg	ND	13.5	06/14/13 11:39	
Diisopropyl ether	ug/kg	ND	6.7	06/14/13 11:39	
Ethylbenzene	ug/kg	ND	6.7	06/14/13 11:39	
Hexachloro-1,3-butadiene	ug/kg	ND	6.7	06/14/13 11:39	
Isopropylbenzene (Cumene)	ug/kg	ND	6.7	06/14/13 11:39	
m&p-Xylene	ug/kg	ND	13.5	06/14/13 11:39	
Methyl-tert-butyl ether	ug/kg	ND	6.7	06/14/13 11:39	
Methylene Chloride	ug/kg	ND	27.0	06/14/13 11:39	
n-Butylbenzene	ug/kg	ND	6.7	06/14/13 11:39	
n-Propylbenzene	ug/kg	ND	6.7	06/14/13 11:39	
Naphthalene	ug/kg	ND	6.7	06/14/13 11:39	
o-Xylene	ug/kg	ND	6.7	06/14/13 11:39	
p-Isopropyltoluene	ug/kg	ND	6.7	06/14/13 11:39	
sec-Butylbenzene	ug/kg	ND	6.7	06/14/13 11:39	
Styrene	ug/kg	ND	6.7	06/14/13 11:39	
tert-Butylbenzene	ug/kg	ND	6.7	06/14/13 11:39	
Tetrachloroethene	ug/kg	ND	6.7	06/14/13 11:39	
Toluene	ug/kg	ND	6.7	06/14/13 11:39	
trans-1,2-Dichloroethene	ug/kg	ND	6.7	06/14/13 11:39	
trans-1,3-Dichloropropene	ug/kg	ND	6.7	06/14/13 11:39	
Trichloroethene	ug/kg	ND	6.7	06/14/13 11:39	
Trichlorofluoromethane	ug/kg	ND	6.7	06/14/13 11:39	
Vinyl acetate	ug/kg	ND	67.4	06/14/13 11:39	
Vinyl chloride	ug/kg	ND	13.5	06/14/13 11:39	
Xylene (Total)	ug/kg	ND	13.5	06/14/13 11:39	
1,2-Dichloroethane-d4 (S)	%	114	70-132	06/14/13 11:39	
4-Bromofluorobenzene (S)	%	96	70-130	06/14/13 11:39	
Dibromofluoromethane (S)	%	114	70-130	06/14/13 11:39	
Toluene-d8 (S)	%	98	70-130	06/14/13 11:39	

LABORATORY CONTROL SAMPLE: 993009

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	52.3	55.2	106	70-131	
1,1,1-Trichloroethane	ug/kg	52.3	55.3	106	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	52.3	56.3	108	70-130	
1,1,2-Trichloroethane	ug/kg	52.3	56.6	108	70-132	
1,1-Dichloroethane	ug/kg	52.3	56.6	108	70-143	
1,1-Dichloroethene	ug/kg	52.3	54.9	105	70-137	
1,1-Dichloropropene	ug/kg	52.3	51.5	98	70-135	
1,2,3-Trichlorobenzene	ug/kg	52.3	59.1	113	69-153	
1,2,3-Trichloropropane	ug/kg	52.3	52.0	99	70-130	
1,2,4-Trichlorobenzene	ug/kg	52.3	60.4	116	55-171	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 993009

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	52.3	56.2	107	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	52.3	54.7	105	68-141	
1,2-Dibromoethane (EDB)	ug/kg	52.3	53.4	102	70-130	
1,2-Dichlorobenzene	ug/kg	52.3	58.3	111	70-140	
1,2-Dichloroethane	ug/kg	52.3	49.7	95	70-137	
1,2-Dichloropropane	ug/kg	52.3	50.8	97	70-133	
1,3,5-Trimethylbenzene	ug/kg	52.3	55.3	106	70-143	
1,3-Dichlorobenzene	ug/kg	52.3	58.7	112	70-144	
1,3-Dichloropropane	ug/kg	52.3	49.5	95	70-132	
1,4-Dichlorobenzene	ug/kg	52.3	58.3	112	70-142	
2,2-Dichloropropane	ug/kg	52.3	61.0	117	68-152	
2-Butanone (MEK)	ug/kg	105	86.6J	83	70-149	
2-Chlorotoluene	ug/kg	52.3	56.2	107	70-141	
2-Hexanone	ug/kg	105	104	99	70-149	
4-Chlorotoluene	ug/kg	52.3	58.2	111	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	105	118	113	70-153	
Acetone	ug/kg	105	121	115	70-157	
Benzene	ug/kg	52.3	53.0	101	70-130	
Bromobenzene	ug/kg	52.3	52.0	99	70-141	
Bromochloromethane	ug/kg	52.3	55.2	106	70-149	
Bromodichloromethane	ug/kg	52.3	54.1	103	70-130	
Bromoform	ug/kg	52.3	52.2	100	70-131	
Bromomethane	ug/kg	52.3	54.3	104	64-136	
Carbon tetrachloride	ug/kg	52.3	59.1	113	70-154	
Chlorobenzene	ug/kg	52.3	54.8	105	70-135	
Chloroethane	ug/kg	52.3	60.8	116	68-151	
Chloroform	ug/kg	52.3	55.4	106	70-130	
Chloromethane	ug/kg	52.3	51.2	98	70-132	
cis-1,2-Dichloroethene	ug/kg	52.3	55.5	106	70-140	
cis-1,3-Dichloropropene	ug/kg	52.3	49.1	94	70-137	
Dibromochloromethane	ug/kg	52.3	57.5	110	70-130	
Dibromomethane	ug/kg	52.3	53.3	102	70-136	
Dichlorodifluoromethane	ug/kg	52.3	45.3	87	36-148	F3
Diisopropyl ether	ug/kg	52.3	57.5	110	70-139	
Ethylbenzene	ug/kg	52.3	55.8	107	70-137	
Hexachloro-1,3-butadiene	ug/kg	52.3	59.0	113	70-145	
Isopropylbenzene (Cumene)	ug/kg	52.3	58.9	113	70-141	
m&p-Xylene	ug/kg	105	112	108	70-140	
Methyl-tert-butyl ether	ug/kg	52.3	58.6	112	45-150	
Methylene Chloride	ug/kg	52.3	47.5	91	70-133	
n-Butylbenzene	ug/kg	52.3	58.1	111	65-155	
n-Propylbenzene	ug/kg	52.3	56.0	107	70-148	
Naphthalene	ug/kg	52.3	59.0	113	70-148	
o-Xylene	ug/kg	52.3	55.9	107	70-141	
p-Isopropyltoluene	ug/kg	52.3	59.0	113	70-148	
sec-Butylbenzene	ug/kg	52.3	58.4	112	70-145	
Styrene	ug/kg	52.3	58.7	112	70-138	
tert-Butylbenzene	ug/kg	52.3	56.1	107	70-143	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 993009

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/kg	52.3	55.7	107	70-140	
Toluene	ug/kg	52.3	54.1	103	70-130	
trans-1,2-Dichloroethene	ug/kg	52.3	52.8	101	70-136	
trans-1,3-Dichloropropene	ug/kg	52.3	50.8	97	70-138	
Trichloroethene	ug/kg	52.3	51.9	99	70-132	
Trichlorofluoromethane	ug/kg	52.3	57.5	110	69-134	
Vinyl acetate	ug/kg	105	148	142	24-161	
Vinyl chloride	ug/kg	52.3	55.5	106	55-140	
Xylene (Total)	ug/kg	157	168	107	70-141	
1,2-Dichloroethane-d4 (S)	%			96	70-132	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 993397

Parameter	Units	92161315002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	46	53.3	116	49-180	
Benzene	ug/kg	ND	46	45.6	99	50-166	
Chlorobenzene	ug/kg	ND	46	45.5	99	43-169	
Toluene	ug/kg	ND	46	44.2	96	52-163	
Trichloroethene	ug/kg	7.8J	46	99.6	200	49-167	M0
1,2-Dichloroethane-d4 (S)	%				98	70-132	
4-Bromofluorobenzene (S)	%				89	70-130	
Dibromofluoromethane (S)	%				96	70-130	
Toluene-d8 (S)	%				95	70-130	

SAMPLE DUPLICATE: 993396

Parameter	Units	92161315001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	3.7J	4.6		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

SAMPLE DUPLICATE: 993396

Parameter	Units	92161315001 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	19.5J		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	4.0J	4.9		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	38.0	43.5	14	30	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

SAMPLE DUPLICATE: 993396

Parameter	Units	92161315001 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	86	88	21		
4-Bromofluorobenzene (S)	%	96	91	28		
Dibromofluoromethane (S)	%	89	93	19		
Toluene-d8 (S)	%	96	95	23		

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: MSV/23320 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92161315014, 92161315015, 92161315016, 92161315017, 92161315018, 92161315020, 92161315021, 92161315023

METHOD BLANK: 993011 Matrix: Solid
Associated Lab Samples: 92161315014, 92161315015, 92161315016, 92161315017, 92161315018, 92161315020, 92161315021, 92161315023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	8.3	06/14/13 11:20	
1,1,1-Trichloroethane	ug/kg	ND	8.3	06/14/13 11:20	
1,1,2,2-Tetrachloroethane	ug/kg	ND	8.3	06/14/13 11:20	
1,1,2-Trichloroethane	ug/kg	ND	8.3	06/14/13 11:20	
1,1-Dichloroethane	ug/kg	ND	8.3	06/14/13 11:20	
1,1-Dichloroethene	ug/kg	ND	8.3	06/14/13 11:20	
1,1-Dichloropropene	ug/kg	ND	8.3	06/14/13 11:20	
1,2,3-Trichlorobenzene	ug/kg	4.4J	8.3	06/14/13 11:20	
1,2,3-Trichloropropane	ug/kg	ND	8.3	06/14/13 11:20	
1,2,4-Trichlorobenzene	ug/kg	3.1J	8.3	06/14/13 11:20	
1,2,4-Trimethylbenzene	ug/kg	ND	8.3	06/14/13 11:20	
1,2-Dibromo-3-chloropropane	ug/kg	ND	8.3	06/14/13 11:20	
1,2-Dibromoethane (EDB)	ug/kg	ND	8.3	06/14/13 11:20	
1,2-Dichlorobenzene	ug/kg	ND	8.3	06/14/13 11:20	
1,2-Dichloroethane	ug/kg	ND	8.3	06/14/13 11:20	
1,2-Dichloropropane	ug/kg	ND	8.3	06/14/13 11:20	
1,3,5-Trimethylbenzene	ug/kg	ND	8.3	06/14/13 11:20	
1,3-Dichlorobenzene	ug/kg	ND	8.3	06/14/13 11:20	
1,3-Dichloropropane	ug/kg	ND	8.3	06/14/13 11:20	
1,4-Dichlorobenzene	ug/kg	ND	8.3	06/14/13 11:20	
2,2-Dichloropropane	ug/kg	ND	8.3	06/14/13 11:20	
2-Butanone (MEK)	ug/kg	ND	167	06/14/13 11:20	
2-Chlorotoluene	ug/kg	ND	8.3	06/14/13 11:20	
2-Hexanone	ug/kg	ND	83.3	06/14/13 11:20	
4-Chlorotoluene	ug/kg	ND	8.3	06/14/13 11:20	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	83.3	06/14/13 11:20	
Acetone	ug/kg	ND	167	06/14/13 11:20	
Benzene	ug/kg	ND	8.3	06/14/13 11:20	
Bromobenzene	ug/kg	ND	8.3	06/14/13 11:20	
Bromochloromethane	ug/kg	ND	8.3	06/14/13 11:20	
Bromodichloromethane	ug/kg	ND	8.3	06/14/13 11:20	
Bromoform	ug/kg	ND	8.3	06/14/13 11:20	
Bromomethane	ug/kg	ND	16.7	06/14/13 11:20	
Carbon tetrachloride	ug/kg	ND	8.3	06/14/13 11:20	
Chlorobenzene	ug/kg	ND	8.3	06/14/13 11:20	
Chloroethane	ug/kg	ND	16.7	06/14/13 11:20	
Chloroform	ug/kg	ND	8.3	06/14/13 11:20	
Chloromethane	ug/kg	ND	16.7	06/14/13 11:20	
cis-1,2-Dichloroethene	ug/kg	ND	8.3	06/14/13 11:20	
cis-1,3-Dichloropropene	ug/kg	ND	8.3	06/14/13 11:20	
Dibromochloromethane	ug/kg	ND	8.3	06/14/13 11:20	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

METHOD BLANK: 993011 Matrix: Solid

Associated Lab Samples: 92161315014, 92161315015, 92161315016, 92161315017, 92161315018, 92161315020, 92161315021, 92161315023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	8.3	06/14/13 11:20	
Dichlorodifluoromethane	ug/kg	ND	16.7	06/14/13 11:20	
Diisopropyl ether	ug/kg	ND	8.3	06/14/13 11:20	
Ethylbenzene	ug/kg	ND	8.3	06/14/13 11:20	
Hexachloro-1,3-butadiene	ug/kg	ND	8.3	06/14/13 11:20	
Isopropylbenzene (Cumene)	ug/kg	ND	8.3	06/14/13 11:20	
m&p-Xylene	ug/kg	ND	16.7	06/14/13 11:20	
Methyl-tert-butyl ether	ug/kg	ND	8.3	06/14/13 11:20	
Methylene Chloride	ug/kg	ND	33.3	06/14/13 11:20	
n-Butylbenzene	ug/kg	ND	8.3	06/14/13 11:20	
n-Propylbenzene	ug/kg	ND	8.3	06/14/13 11:20	
Naphthalene	ug/kg	4.8J	8.3	06/14/13 11:20	
o-Xylene	ug/kg	ND	8.3	06/14/13 11:20	
p-Isopropyltoluene	ug/kg	ND	8.3	06/14/13 11:20	
sec-Butylbenzene	ug/kg	ND	8.3	06/14/13 11:20	
Styrene	ug/kg	ND	8.3	06/14/13 11:20	
tert-Butylbenzene	ug/kg	ND	8.3	06/14/13 11:20	
Tetrachloroethene	ug/kg	ND	8.3	06/14/13 11:20	
Toluene	ug/kg	ND	8.3	06/14/13 11:20	
trans-1,2-Dichloroethene	ug/kg	ND	8.3	06/14/13 11:20	
trans-1,3-Dichloropropene	ug/kg	ND	8.3	06/14/13 11:20	
Trichloroethene	ug/kg	ND	8.3	06/14/13 11:20	
Trichlorofluoromethane	ug/kg	ND	8.3	06/14/13 11:20	
Vinyl acetate	ug/kg	ND	83.3	06/14/13 11:20	
Vinyl chloride	ug/kg	ND	16.7	06/14/13 11:20	
Xylene (Total)	ug/kg	ND	16.7	06/14/13 11:20	
1,2-Dichloroethane-d4 (S)	%	104	70-132	06/14/13 11:20	
4-Bromofluorobenzene (S)	%	97	70-130	06/14/13 11:20	
Dibromofluoromethane (S)	%	107	70-130	06/14/13 11:20	
Toluene-d8 (S)	%	98	70-130	06/14/13 11:20	

LABORATORY CONTROL SAMPLE: 993012

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	63.3	68.3	108	70-131	
1,1,1-Trichloroethane	ug/kg	63.3	69.7	110	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	63.3	73.9	117	70-130	
1,1,2-Trichloroethane	ug/kg	63.3	73.1	115	70-132	
1,1-Dichloroethane	ug/kg	63.3	72.0	114	70-143	
1,1-Dichloroethene	ug/kg	63.3	69.0	109	70-137	
1,1-Dichloropropene	ug/kg	63.3	64.9	102	70-135	
1,2,3-Trichlorobenzene	ug/kg	63.3	68.6	108	69-153	
1,2,3-Trichloropropane	ug/kg	63.3	67.6	107	70-130	
1,2,4-Trichlorobenzene	ug/kg	63.3	67.1	106	55-171	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 993012

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	63.3	63.4	100	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	63.3	70.2	111	68-141	
1,2-Dibromoethane (EDB)	ug/kg	63.3	69.8	110	70-130	
1,2-Dichlorobenzene	ug/kg	63.3	68.6	108	70-140	
1,2-Dichloroethane	ug/kg	63.3	64.7	102	70-137	
1,2-Dichloropropane	ug/kg	63.3	62.1	98	70-133	
1,3,5-Trimethylbenzene	ug/kg	63.3	62.1	98	70-143	
1,3-Dichlorobenzene	ug/kg	63.3	66.0	104	70-144	
1,3-Dichloropropane	ug/kg	63.3	63.3	100	70-132	
1,4-Dichlorobenzene	ug/kg	63.3	66.2	105	70-142	
2,2-Dichloropropane	ug/kg	63.3	73.0	115	68-152	
2-Butanone (MEK)	ug/kg	127	138	109	70-149	
2-Chlorotoluene	ug/kg	63.3	63.8	101	70-141	
2-Hexanone	ug/kg	127	134	106	70-149	
4-Chlorotoluene	ug/kg	63.3	65.3	103	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	127	151	119	70-153	
Acetone	ug/kg	127	166	131	70-157	
Benzene	ug/kg	63.3	63.9	101	70-130	
Bromobenzene	ug/kg	63.3	61.8	98	70-141	
Bromochloromethane	ug/kg	63.3	73.1	115	70-149	
Bromodichloromethane	ug/kg	63.3	67.3	106	70-130	
Bromoform	ug/kg	63.3	67.2	106	70-131	
Bromomethane	ug/kg	63.3	73.3	116	64-136	
Carbon tetrachloride	ug/kg	63.3	71.6	113	70-154	
Chlorobenzene	ug/kg	63.3	65.4	103	70-135	
Chloroethane	ug/kg	63.3	78.7	124	68-151	
Chloroform	ug/kg	63.3	70.8	112	70-130	
Chloromethane	ug/kg	63.3	65.2	103	70-132	
cis-1,2-Dichloroethene	ug/kg	63.3	71.2	113	70-140	
cis-1,3-Dichloropropene	ug/kg	63.3	60.1	95	70-137	
Dibromochloromethane	ug/kg	63.3	71.4	113	70-130	
Dibromomethane	ug/kg	63.3	69.8	110	70-136	
Dichlorodifluoromethane	ug/kg	63.3	56.3	89	36-148	F3
Diisopropyl ether	ug/kg	63.3	73.1	116	70-139	
Ethylbenzene	ug/kg	63.3	64.9	103	70-137	
Hexachloro-1,3-butadiene	ug/kg	63.3	64.8	102	70-145	
Isopropylbenzene (Cumene)	ug/kg	63.3	68.0	107	70-141	
m&p-Xylene	ug/kg	127	130	103	70-140	
Methyl-tert-butyl ether	ug/kg	63.3	76.4	121	45-150	
Methylene Chloride	ug/kg	63.3	64.2	101	70-133	
n-Butylbenzene	ug/kg	63.3	63.2	100	65-155	
n-Propylbenzene	ug/kg	63.3	62.5	99	70-148	
Naphthalene	ug/kg	63.3	74.6	118	70-148	
o-Xylene	ug/kg	63.3	66.3	105	70-141	
p-Isopropyltoluene	ug/kg	63.3	66.1	104	70-148	
sec-Butylbenzene	ug/kg	63.3	64.6	102	70-145	
Styrene	ug/kg	63.3	69.1	109	70-138	
tert-Butylbenzene	ug/kg	63.3	63.9	101	70-143	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 993012

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/kg	63.3	62.8	99	70-140	
Toluene	ug/kg	63.3	64.7	102	70-130	
trans-1,2-Dichloroethene	ug/kg	63.3	67.3	106	70-136	
trans-1,3-Dichloropropene	ug/kg	63.3	63.4	100	70-138	
Trichloroethene	ug/kg	63.3	61.5	97	70-132	
Trichlorofluoromethane	ug/kg	63.3	71.6	113	69-134	
Vinyl acetate	ug/kg	127	155	122	24-161	
Vinyl chloride	ug/kg	63.3	70.7	112	55-140	
Xylene (Total)	ug/kg	190	196	103	70-141	
1,2-Dichloroethane-d4 (S)	%			108	70-132	
4-Bromofluorobenzene (S)	%			105	70-130	
Dibromofluoromethane (S)	%			109	70-130	
Toluene-d8 (S)	%			99	70-130	

MATRIX SPIKE SAMPLE: 993631

Parameter	Units	92161315020 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	47.5	43.5	92	49-180	
Benzene	ug/kg	ND	47.5	44.5	94	50-166	
Chlorobenzene	ug/kg	ND	47.5	44.5	94	43-169	
Toluene	ug/kg	ND	47.5	43.9	93	52-163	
Trichloroethene	ug/kg	2.5J	47.5	44.5	89	49-167	
1,2-Dichloroethane-d4 (S)	%				99	70-132	
4-Bromofluorobenzene (S)	%				88	70-130	
Dibromofluoromethane (S)	%				95	70-130	
Toluene-d8 (S)	%				94	70-130	

SAMPLE DUPLICATE: 993632

Parameter	Units	92161315021 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

SAMPLE DUPLICATE: 993632

Parameter	Units	92161315021 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	13.8J	28.2J		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	1g
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	8.0J		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	7.6	3.0J		30	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

SAMPLE DUPLICATE: 993632

Parameter	Units	92161315021 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	133	119	9		
4-Bromofluorobenzene (S)	%	89	85	3		
Dibromofluoromethane (S)	%	129	107	17		
Toluene-d8 (S)	%	98	98	1		

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: MSV/23324 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92161315019, 92161315022, 92161315024, 92161315025, 92161315026, 92161315027, 92161315029

METHOD BLANK: 993753 Matrix: Solid
Associated Lab Samples: 92161315019, 92161315022, 92161315024, 92161315025, 92161315026, 92161315027, 92161315029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	7.9	06/16/13 11:59	
1,1,1-Trichloroethane	ug/kg	ND	7.9	06/16/13 11:59	
1,1,2,2-Tetrachloroethane	ug/kg	ND	7.9	06/16/13 11:59	
1,1,2-Trichloroethane	ug/kg	ND	7.9	06/16/13 11:59	
1,1-Dichloroethane	ug/kg	ND	7.9	06/16/13 11:59	
1,1-Dichloroethene	ug/kg	ND	7.9	06/16/13 11:59	
1,1-Dichloropropene	ug/kg	ND	7.9	06/16/13 11:59	
1,2,3-Trichlorobenzene	ug/kg	4.4J	7.9	06/16/13 11:59	
1,2,3-Trichloropropane	ug/kg	ND	7.9	06/16/13 11:59	
1,2,4-Trichlorobenzene	ug/kg	3.0J	7.9	06/16/13 11:59	
1,2,4-Trimethylbenzene	ug/kg	ND	7.9	06/16/13 11:59	
1,2-Dibromo-3-chloropropane	ug/kg	ND	7.9	06/16/13 11:59	
1,2-Dibromoethane (EDB)	ug/kg	ND	7.9	06/16/13 11:59	
1,2-Dichlorobenzene	ug/kg	ND	7.9	06/16/13 11:59	
1,2-Dichloroethane	ug/kg	ND	7.9	06/16/13 11:59	
1,2-Dichloropropane	ug/kg	ND	7.9	06/16/13 11:59	
1,3,5-Trimethylbenzene	ug/kg	ND	7.9	06/16/13 11:59	
1,3-Dichlorobenzene	ug/kg	ND	7.9	06/16/13 11:59	
1,3-Dichloropropane	ug/kg	ND	7.9	06/16/13 11:59	
1,4-Dichlorobenzene	ug/kg	ND	7.9	06/16/13 11:59	
2,2-Dichloropropane	ug/kg	ND	7.9	06/16/13 11:59	
2-Butanone (MEK)	ug/kg	ND	157	06/16/13 11:59	
2-Chlorotoluene	ug/kg	ND	7.9	06/16/13 11:59	
2-Hexanone	ug/kg	ND	78.6	06/16/13 11:59	
4-Chlorotoluene	ug/kg	ND	7.9	06/16/13 11:59	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	78.6	06/16/13 11:59	
Acetone	ug/kg	ND	157	06/16/13 11:59	
Benzene	ug/kg	ND	7.9	06/16/13 11:59	
Bromobenzene	ug/kg	ND	7.9	06/16/13 11:59	
Bromochloromethane	ug/kg	ND	7.9	06/16/13 11:59	
Bromodichloromethane	ug/kg	ND	7.9	06/16/13 11:59	
Bromoform	ug/kg	ND	7.9	06/16/13 11:59	
Bromomethane	ug/kg	ND	15.7	06/16/13 11:59	
Carbon tetrachloride	ug/kg	ND	7.9	06/16/13 11:59	
Chlorobenzene	ug/kg	ND	7.9	06/16/13 11:59	
Chloroethane	ug/kg	ND	15.7	06/16/13 11:59	
Chloroform	ug/kg	ND	7.9	06/16/13 11:59	
Chloromethane	ug/kg	ND	15.7	06/16/13 11:59	
cis-1,2-Dichloroethene	ug/kg	ND	7.9	06/16/13 11:59	
cis-1,3-Dichloropropene	ug/kg	ND	7.9	06/16/13 11:59	
Dibromochloromethane	ug/kg	ND	7.9	06/16/13 11:59	
Dibromomethane	ug/kg	ND	7.9	06/16/13 11:59	
Dichlorodifluoromethane	ug/kg	ND	15.7	06/16/13 11:59	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

METHOD BLANK: 993753 Matrix: Solid

Associated Lab Samples: 92161315019, 92161315022, 92161315024, 92161315025, 92161315026, 92161315027, 92161315029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	7.9	06/16/13 11:59	
Ethylbenzene	ug/kg	ND	7.9	06/16/13 11:59	
Hexachloro-1,3-butadiene	ug/kg	ND	7.9	06/16/13 11:59	
Isopropylbenzene (Cumene)	ug/kg	ND	7.9	06/16/13 11:59	
m&p-Xylene	ug/kg	ND	15.7	06/16/13 11:59	
Methyl-tert-butyl ether	ug/kg	ND	7.9	06/16/13 11:59	
Methylene Chloride	ug/kg	ND	31.4	06/16/13 11:59	
n-Butylbenzene	ug/kg	ND	7.9	06/16/13 11:59	
n-Propylbenzene	ug/kg	ND	7.9	06/16/13 11:59	
Naphthalene	ug/kg	4.5J	7.9	06/16/13 11:59	
o-Xylene	ug/kg	ND	7.9	06/16/13 11:59	
p-Isopropyltoluene	ug/kg	ND	7.9	06/16/13 11:59	
sec-Butylbenzene	ug/kg	ND	7.9	06/16/13 11:59	
Styrene	ug/kg	ND	7.9	06/16/13 11:59	
tert-Butylbenzene	ug/kg	ND	7.9	06/16/13 11:59	
Tetrachloroethene	ug/kg	ND	7.9	06/16/13 11:59	
Toluene	ug/kg	ND	7.9	06/16/13 11:59	
trans-1,2-Dichloroethene	ug/kg	ND	7.9	06/16/13 11:59	
trans-1,3-Dichloropropene	ug/kg	ND	7.9	06/16/13 11:59	
Trichloroethene	ug/kg	ND	7.9	06/16/13 11:59	
Trichlorofluoromethane	ug/kg	ND	7.9	06/16/13 11:59	
Vinyl acetate	ug/kg	ND	78.6	06/16/13 11:59	
Vinyl chloride	ug/kg	ND	15.7	06/16/13 11:59	
Xylene (Total)	ug/kg	ND	15.7	06/16/13 11:59	
1,2-Dichloroethane-d4 (S)	%	94	70-132	06/16/13 11:59	
4-Bromofluorobenzene (S)	%	91	70-130	06/16/13 11:59	
Dibromofluoromethane (S)	%	96	70-130	06/16/13 11:59	
Toluene-d8 (S)	%	98	70-130	06/16/13 11:59	

LABORATORY CONTROL SAMPLE: 993754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	63.3	64.7	102	70-131	
1,1,1-Trichloroethane	ug/kg	63.3	62.1	98	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	63.3	65.5	104	70-130	
1,1,2-Trichloroethane	ug/kg	63.3	67.5	107	70-132	
1,1-Dichloroethane	ug/kg	63.3	56.9	90	70-143	
1,1-Dichloroethene	ug/kg	63.3	55.3	87	70-137	
1,1-Dichloropropene	ug/kg	63.3	57.6	91	70-135	
1,2,3-Trichlorobenzene	ug/kg	63.3	58.4	92	69-153	
1,2,3-Trichloropropane	ug/kg	63.3	60.1	95	70-130	
1,2,4-Trichlorobenzene	ug/kg	63.3	61.9	98	55-171	
1,2,4-Trimethylbenzene	ug/kg	63.3	62.7	99	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	63.3	66.5	105	68-141	
1,2-Dibromoethane (EDB)	ug/kg	63.3	63.2	100	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 993754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	63.3	64.0	101	70-140	
1,2-Dichloroethane	ug/kg	63.3	56.3	89	70-137	
1,2-Dichloropropane	ug/kg	63.3	59.5	94	70-133	
1,3,5-Trimethylbenzene	ug/kg	63.3	62.8	99	70-143	
1,3-Dichlorobenzene	ug/kg	63.3	63.6	100	70-144	
1,3-Dichloropropane	ug/kg	63.3	59.7	94	70-132	
1,4-Dichlorobenzene	ug/kg	63.3	63.3	100	70-142	
2,2-Dichloropropane	ug/kg	63.3	60.0	95	68-152	
2-Butanone (MEK)	ug/kg	127	110J	87	70-149	
2-Chlorotoluene	ug/kg	63.3	63.8	101	70-141	
2-Hexanone	ug/kg	127	119	94	70-149	
4-Chlorotoluene	ug/kg	63.3	65.4	103	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	127	127	101	70-153	
Acetone	ug/kg	127	109J	86	70-157	
Benzene	ug/kg	63.3	59.8	94	70-130	
Bromobenzene	ug/kg	63.3	61.0	96	70-141	
Bromochloromethane	ug/kg	63.3	60.2	95	70-149	
Bromodichloromethane	ug/kg	63.3	65.8	104	70-130	
Bromoform	ug/kg	63.3	61.0	96	70-131	
Bromomethane	ug/kg	63.3	62.8	99	64-136	
Carbon tetrachloride	ug/kg	63.3	62.7	99	70-154	
Chlorobenzene	ug/kg	63.3	61.9	98	70-135	
Chloroethane	ug/kg	63.3	60.4	95	68-151	
Chloroform	ug/kg	63.3	60.5	96	70-130	
Chloromethane	ug/kg	63.3	50.4	80	70-132	
cis-1,2-Dichloroethene	ug/kg	63.3	58.6	93	70-140	
cis-1,3-Dichloropropene	ug/kg	63.3	56.2	89	70-137	
Dibromochloromethane	ug/kg	63.3	60.4	95	70-130	
Dibromomethane	ug/kg	63.3	62.0	98	70-136	
Dichlorodifluoromethane	ug/kg	63.3	37.4	59	36-148	F3
Diisopropyl ether	ug/kg	63.3	60.5	96	70-139	
Ethylbenzene	ug/kg	63.3	62.6	99	70-137	
Hexachloro-1,3-butadiene	ug/kg	63.3	63.5	100	70-145	
Isopropylbenzene (Cumene)	ug/kg	63.3	65.4	103	70-141	
m&p-Xylene	ug/kg	127	125	98	70-140	
Methyl-tert-butyl ether	ug/kg	63.3	60.3	95	45-150	
Methylene Chloride	ug/kg	63.3	45.2	71	70-133	
n-Butylbenzene	ug/kg	63.3	64.2	102	65-155	
n-Propylbenzene	ug/kg	63.3	62.8	99	70-148	
Naphthalene	ug/kg	63.3	60.8	96	70-148	
o-Xylene	ug/kg	63.3	64.4	102	70-141	
p-Isopropyltoluene	ug/kg	63.3	66.2	105	70-148	
sec-Butylbenzene	ug/kg	63.3	66.1	104	70-145	
Styrene	ug/kg	63.3	66.1	104	70-138	
tert-Butylbenzene	ug/kg	63.3	63.6	101	70-143	
Tetrachloroethene	ug/kg	63.3	59.4	94	70-140	
Toluene	ug/kg	63.3	61.8	98	70-130	
trans-1,2-Dichloroethene	ug/kg	63.3	55.8	88	70-136	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

LABORATORY CONTROL SAMPLE: 993754

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	63.3	57.6	91	70-138	
Trichloroethene	ug/kg	63.3	57.6	91	70-132	
Trichlorofluoromethane	ug/kg	63.3	60.1	95	69-134	
Vinyl acetate	ug/kg	127	167	132	24-161	F3
Vinyl chloride	ug/kg	63.3	54.0	85	55-140	
Xylene (Total)	ug/kg	190	189	100	70-141	
1,2-Dichloroethane-d4 (S)	%			95	70-132	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			104	70-130	

MATRIX SPIKE SAMPLE: 993996

Parameter	Units	92161315026 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	5.9	48.7	72.9	137	49-180	
Benzene	ug/kg	ND	48.7	62.0	127	50-166	
Chlorobenzene	ug/kg	ND	48.7	59.7	123	43-169	
Toluene	ug/kg	ND	48.7	61.1	125	52-163	
Trichloroethene	ug/kg	75.5	48.7	197	250	49-167	E,P6
1,2-Dichloroethane-d4 (S)	%				109	70-132	
4-Bromofluorobenzene (S)	%				97	70-130	
Dibromofluoromethane (S)	%				95	70-130	
Toluene-d8 (S)	%				99	70-130	

SAMPLE DUPLICATE: 993995

Parameter	Units	92161315025 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	3.9J	2.4J		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

SAMPLE DUPLICATE: 993995

Parameter	Units	92161315025 Result	Dup Result	RPD	Max RPD	Qualifiers
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	ND		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	26.5J	12.5J		30	
Benzene	ug/kg	ND	ND		30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	ND		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	ND		30	
o-Xylene	ug/kg	ND	ND		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	ND		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	60.7	36.3	50	30	R1
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

SAMPLE DUPLICATE: 993995

Parameter	Units	92161315025 Result	Dup Result	RPD	Max RPD	Qualifiers
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	100	95	18		
4-Bromofluorobenzene (S)	%	92	96	8		
Dibromofluoromethane (S)	%	103	97	20		
Toluene-d8 (S)	%	94	99	8		

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: PMST/5602
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92161315001, 92161315002, 92161315003, 92161315004, 92161315005, 92161315006, 92161315007, 92161315008, 92161315009, 92161315010, 92161315011, 92161315012, 92161315013, 92161315014, 92161315015, 92161315016, 92161315017, 92161315018, 92161315019, 92161315020

SAMPLE DUPLICATE: 993028

Parameter	Units	92161315001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	27.5	27.4	0	25	

SAMPLE DUPLICATE: 993029

Parameter	Units	92161315020 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.7	24.7	4	25	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: PMST/5603
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92161315021, 92161315022, 92161315023, 92161315024, 92161315025, 92161315026, 92161315027, 92161315029

SAMPLE DUPLICATE: 993030

Parameter	Units	92161315021 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.8	21.0	4	25	

SAMPLE DUPLICATE: 993031

Parameter	Units	92161472006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.9	22.6	3	25	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: WET/15331 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: D2974 Fractional Organic Carbon
Associated Lab Samples: 92161315001, 92161315002, 92161315003, 92161315004, 92161315005, 92161315006, 92161315007, 92161315008, 92161315009, 92161315010, 92161315011, 92161315012, 92161315013, 92161315014, 92161315015, 92161315016, 92161315017, 92161315018, 92161315019, 92161315020

METHOD BLANK: 808715 Matrix: Solid
Associated Lab Samples: 92161315001, 92161315002, 92161315003, 92161315004, 92161315005, 92161315006, 92161315007, 92161315008, 92161315009, 92161315010, 92161315011, 92161315012, 92161315013, 92161315014, 92161315015, 92161315016, 92161315017, 92161315018, 92161315019, 92161315020

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Fractional Organic Carbon	% (w/w)	ND	0.058	06/14/13 16:45	FOC

LABORATORY CONTROL SAMPLE: 808716

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fractional Organic Carbon	% (w/w)	186	173	93	80-120	FOC

SAMPLE DUPLICATE: 808717

Parameter	Units	92161315001 Result	Dup Result	RPD	Max RPD	Qualifiers
Fractional Organic Carbon	% (w/w)	1.6	1.6	1	10	FOC

SAMPLE DUPLICATE: 808718

Parameter	Units	92161315003 Result	Dup Result	RPD	Max RPD	Qualifiers
Fractional Organic Carbon	% (w/w)	1.0	1.1	4	10	FOC

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

QC Batch: WET/15332 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: D2974 Fractional Organic Carbon
Associated Lab Samples: 92161315021, 92161315022, 92161315023, 92161315024, 92161315025, 92161315026, 92161315027, 92161315029

METHOD BLANK: 808722 Matrix: Solid
Associated Lab Samples: 92161315021, 92161315022, 92161315023, 92161315024, 92161315025, 92161315026, 92161315027, 92161315029

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Fractional Organic Carbon	% (w/w)	ND	0.058	06/14/13 16:30	FOC

LABORATORY CONTROL SAMPLE: 808723

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fractional Organic Carbon	% (w/w)	186	158	85	80-120	FOC

SAMPLE DUPLICATE: 808724

Parameter	Units	92161315021 Result	Dup Result	RPD	Max RPD	Qualifiers
Fractional Organic Carbon	% (w/w)	1.3	1.3	1	10	FOC

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, Inc.
205 East Meadow Road - Suite A
Eden, NC 27288
(336)623-8921

Pace Analytical Services, Inc.
2225 Riverside Dr.
Asheville, NC 28804
(828)254-7176

Pace Analytical Services, Inc.
9800 Kincey Ave. Suite 100
Huntersville, NC 28078
(704)875-9092

QUALIFIERS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte
PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

1g	The internal standard response is below criteria. No hits associated with this internal standard. Results unaffected by high bias.
A+	The reaction of the soil preservative, sodium bisulfate, is known to react with humic acid in soils to produce ketones. Based upon method blank results, the laboratory feels the ketones in this sample are a result of that reaction.
C9	Common Laboratory Contaminant.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
F3	The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.
FOC	Reported results by ASTM D2974-87 for Fractional Organic Carbon (FOC) are determined by multiplying the Soil Organic Matter result by 0.58 (the percentage of organic carbon which compromises the SOM)
IO	The internal standard response was outside the laboratory acceptance limits confirmed by reanalysis. The results reported are from the most QC compliant analysis.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
P6	Matrix spike recovery was outside laboratory control limits due to a parent sample concentration notably higher than the spike level.

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALIFIERS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

ANALYTE QUALIFIERS

P8	Analyte was detected in the method blank. All associated samples had concentrations of at least ten times greater than the blank or were below the reporting limit.
R1	RPD value was outside control limits.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

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(704)875-9092

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92161315001	**RS-7-5-6**	EPA 8260	MSV/23355		
92161315002	**RS-7-15-16**	EPA 8260	MSV/23355		
92161315003	**RS-7-25-26**	EPA 8260	MSV/23355		
92161315004	**RS-8-5-6**	EPA 8260	MSV/23355		
92161315005	**RS-8-15-16**	EPA 8260	MSV/23382		
92161315006	**RS-8-29-30**	EPA 8260	MSV/23382		
92161315007	**RS-9-5-6**	EPA 8260	MSV/23355		
92161315008	**RS-9-15-16**	EPA 8260	MSV/23355		
92161315009	**RS-9-25-26**	EPA 8260	MSV/23382		
92161315010	**RS-10-5-6**	EPA 8260	MSV/23355		
92161315011	**RS-10-15-16**	EPA 8260	MSV/23355		
92161315012	**RS-10-25-26**	EPA 8260	MSV/23355		
92161315013	**RS-11-5-6**	EPA 8260	MSV/23355		
92161315014	**RS-11-15-16**	EPA 8260	MSV/23355		
92161315015	**RS-11-25-26**	EPA 8260	MSV/23355		
92161315016	**RS-12-5-6**	EPA 8260	MSV/23355		
92161315017	**RS-12-15-16**	EPA 8260	MSV/23382		
92161315018	**RS-12-25-26**	EPA 8260	MSV/23382		
92161315019	**RS-13-5-6**	EPA 8260	MSV/23355		
92161315020	**RS-13-15-16**	EPA 8260	MSV/23355		
92161315021	**RS-13-25-26**	EPA 8260	MSV/23382		
92161315022	**RS-14-0-1**	EPA 8260	MSV/23382		
92161315023	**RS-15-0-1**	EPA 8260	MSV/23382		
92161315024	**RS-14-5-6**	EPA 8260	MSV/23382		
92161315025	**RS-14-10-11**	EPA 8260	MSV/23382		
92161315026	**RS-14-15-16**	EPA 8260	MSV/23382		
92161315027	**RS-14-25-26**	EPA 8260	MSV/23382		
92161315029	**RS-14-20-21**	EPA 8260	MSV/23382		
92161315009	**RS-9-25-26**	EPA 8260	MSV/23442		
92161315011	**RS-10-15-16**	EPA 8260	MSV/23297		
92161315015	**RS-11-25-26**	EPA 8260	MSV/23442		
92161315016	**RS-12-5-6**	EPA 8260	MSV/23442		
92161315028	**SPIGOT**	EPA 8260	MSV/23331		
92161315001	**RS-7-5-6**	EPA 8260	MSV/23319		
92161315002	**RS-7-15-16**	EPA 8260	MSV/23319		
92161315003	**RS-7-25-26**	EPA 8260	MSV/23319		
92161315004	**RS-8-5-6**	EPA 8260	MSV/23319		
92161315005	**RS-8-15-16**	EPA 8260	MSV/23319		
92161315006	**RS-8-29-30**	EPA 8260	MSV/23319		
92161315007	**RS-9-5-6**	EPA 8260	MSV/23319		
92161315008	**RS-9-15-16**	EPA 8260	MSV/23319		
92161315009	**RS-9-25-26**	EPA 8260	MSV/23319		
92161315010	**RS-10-5-6**	EPA 8260	MSV/23319		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92161315011	**RS-10-15-16**	EPA 8260	MSV/23319		
92161315012	**RS-10-25-26**	EPA 8260	MSV/23319		
92161315013	**RS-11-5-6**	EPA 8260	MSV/23319		
92161315014	**RS-11-15-16**	EPA 8260	MSV/23320		
92161315015	**RS-11-25-26**	EPA 8260	MSV/23320		
92161315016	**RS-12-5-6**	EPA 8260	MSV/23320		
92161315017	**RS-12-15-16**	EPA 8260	MSV/23320		
92161315018	**RS-12-25-26**	EPA 8260	MSV/23320		
92161315019	**RS-13-5-6**	EPA 8260	MSV/23324		
92161315020	**RS-13-15-16**	EPA 8260	MSV/23320		
92161315021	**RS-13-25-26**	EPA 8260	MSV/23320		
92161315022	**RS-14-0-1**	EPA 8260	MSV/23324		
92161315023	**RS-15-0-1**	EPA 8260	MSV/23320		
92161315024	**RS-14-5-6**	EPA 8260	MSV/23324		
92161315025	**RS-14-10-11**	EPA 8260	MSV/23324		
92161315026	**RS-14-15-16**	EPA 8260	MSV/23324		
92161315027	**RS-14-25-26**	EPA 8260	MSV/23324		
92161315029	**RS-14-20-21**	EPA 8260	MSV/23324		
92161315001	**RS-7-5-6**	ASTM D2974-87	PMST/5602		
92161315002	**RS-7-15-16**	ASTM D2974-87	PMST/5602		
92161315003	**RS-7-25-26**	ASTM D2974-87	PMST/5602		
92161315004	**RS-8-5-6**	ASTM D2974-87	PMST/5602		
92161315005	**RS-8-15-16**	ASTM D2974-87	PMST/5602		
92161315006	**RS-8-29-30**	ASTM D2974-87	PMST/5602		
92161315007	**RS-9-5-6**	ASTM D2974-87	PMST/5602		
92161315008	**RS-9-15-16**	ASTM D2974-87	PMST/5602		
92161315009	**RS-9-25-26**	ASTM D2974-87	PMST/5602		
92161315010	**RS-10-5-6**	ASTM D2974-87	PMST/5602		
92161315011	**RS-10-15-16**	ASTM D2974-87	PMST/5602		
92161315012	**RS-10-25-26**	ASTM D2974-87	PMST/5602		
92161315013	**RS-11-5-6**	ASTM D2974-87	PMST/5602		
92161315014	**RS-11-15-16**	ASTM D2974-87	PMST/5602		
92161315015	**RS-11-25-26**	ASTM D2974-87	PMST/5602		
92161315016	**RS-12-5-6**	ASTM D2974-87	PMST/5602		
92161315017	**RS-12-15-16**	ASTM D2974-87	PMST/5602		
92161315018	**RS-12-25-26**	ASTM D2974-87	PMST/5602		
92161315019	**RS-13-5-6**	ASTM D2974-87	PMST/5602		
92161315020	**RS-13-15-16**	ASTM D2974-87	PMST/5602		
92161315021	**RS-13-25-26**	ASTM D2974-87	PMST/5603		
92161315022	**RS-14-0-1**	ASTM D2974-87	PMST/5603		
92161315023	**RS-15-0-1**	ASTM D2974-87	PMST/5603		
92161315024	**RS-14-5-6**	ASTM D2974-87	PMST/5603		
92161315025	**RS-14-10-11**	ASTM D2974-87	PMST/5603		
92161315026	**RS-14-15-16**	ASTM D2974-87	PMST/5603		
92161315027	**RS-14-25-26**	ASTM D2974-87	PMST/5603		

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161315

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92161315029	**RS-14-20-21**	ASTM D2974-87	PMST/5603		
92161315001	**RS-7-5-6**	ASTM D2974-87	WET/15331		
92161315002	**RS-7-15-16**	ASTM D2974-87	WET/15331		
92161315003	**RS-7-25-26**	ASTM D2974-87	WET/15331		
92161315004	**RS-8-5-6**	ASTM D2974-87	WET/15331		
92161315005	**RS-8-15-16**	ASTM D2974-87	WET/15331		
92161315006	**RS-8-29-30**	ASTM D2974-87	WET/15331		
92161315007	**RS-9-5-6**	ASTM D2974-87	WET/15331		
92161315008	**RS-9-15-16**	ASTM D2974-87	WET/15331		
92161315009	**RS-9-25-26**	ASTM D2974-87	WET/15331		
92161315010	**RS-10-5-6**	ASTM D2974-87	WET/15331		
92161315011	**RS-10-15-16**	ASTM D2974-87	WET/15331		
92161315012	**RS-10-25-26**	ASTM D2974-87	WET/15331		
92161315013	**RS-11-5-6**	ASTM D2974-87	WET/15331		
92161315014	**RS-11-15-16**	ASTM D2974-87	WET/15331		
92161315015	**RS-11-25-26**	ASTM D2974-87	WET/15331		
92161315016	**RS-12-5-6**	ASTM D2974-87	WET/15331		
92161315017	**RS-12-15-16**	ASTM D2974-87	WET/15331		
92161315018	**RS-12-25-26**	ASTM D2974-87	WET/15331		
92161315019	**RS-13-5-6**	ASTM D2974-87	WET/15331		
92161315020	**RS-13-15-16**	ASTM D2974-87	WET/15331		
92161315021	**RS-13-25-26**	ASTM D2974-87	WET/15332		
92161315022	**RS-14-0-1**	ASTM D2974-87	WET/15332		
92161315023	**RS-15-0-1**	ASTM D2974-87	WET/15332		
92161315024	**RS-14-5-6**	ASTM D2974-87	WET/15332		
92161315025	**RS-14-10-11**	ASTM D2974-87	WET/15332		
92161315026	**RS-14-15-16**	ASTM D2974-87	WET/15332		
92161315027	**RS-14-25-26**	ASTM D2974-87	WET/15332		
92161315029	**RS-14-20-21**	ASTM D2974-87	WET/15332		

Pace Analytical www.pacelabs.com	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: March 13, 2013 Page 1 of 2
	Document No.: F-RAL-CS-001-rev.01	Issuing Authorities: Pace Asheville Quality Office

Client Name: Hart & Hickman

Where Received: ☐ Huntersville ☐ Asheville ☐ Eden ☑ Raleigh

Courier (Circle): Fed Ex UPS USPS Client Commercial (Pace) Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals Intact: ☐ yes ☐ no

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other_____

Circle Thermometer Used: IR Gun SN:122065387 **Type of Ice:** (Wet) Blue None ☑ Samples on ice, cooling process has begun

IR Gun Back Up SN:122065371

Temp Correction Factor: (Add) / Subtract 0.5 C

Corrected Cooler Temp.: 5.3 C **Biological Tissue is Frozen:** Yes No (N/A)

Temp should be above freezing to 6°C

Date and Initials of person examining contents: MrB 6-12-13

			Comments:
Chain of Custody Present:	☑Yes	☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes	☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes	☐No ☐N/A	3.
Sampler Name & Signature on COC:	☐Yes	☑No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes	☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes	☑No ☐N/A	6.
Rush Turn Around Time Requested:	☑Yes	☐No ☐N/A	7. 5 Day
Sufficient Volume:	☑Yes	☐No ☐N/A	8.
Correct Containers Used:	☑Yes	☐No ☐N/A	9.
-Pace Containers Used:	☑Yes	☐No ☐N/A	
Containers Intact:	☑Yes	☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes	☐No ☑N/A	11.
Sample Labels match COC:	☑Yes	☐No ☐N/A	12.
-Includes date/time/ID/Analysis Matrix: SL/WT			
All containers needing preservation have been checked.	☐Yes	☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes	☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☑Yes	☐No	Initial when completed: MB
Samples checked for dechlorination:	☐Yes	☐No ☑N/A	14.
Headspace in VOA Vials (>6mm):	☑Yes	☐No ☐N/A	15.
Trip Blank Present:	☐Yes	☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes	☐No ☑N/A	
Pace Trip Blank Lot # (if purchased):			

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Jeff Albano Date/Time: 6/13/13

Comments/ Resolution: Jeff instructed to analyze extra sample: RS-14-20-21, KG.

SCURF Review: KG Date: 6/12/13

SRF Review: JDB Date: 6/13/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO# : 92161315

92161315

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 3

1667134

Section A Required Client Information:

Company: Hart & Hickman
Address: 2923 S. Tryon St
Charlotte, NC 28203
Email To: jalbano@harthickman.com
Phone: 704-586-0007 Fax:
Requested Due Date/TAT: 5-Day

Section B Required Project Information:

Report To: Jeff Albano
Copy To:
Purchase Order No.:
Project Name: Pittsboro, NC
Project Number: ROW-415

Section C Invoice Information:

Attention: Cynthia Wells
Company Name: Hart & Hickman
Address: Same
Pace Quote Reference:
Pace Project Manager: Kevin Godwin
Pace Profile #:

REGULATORY AGENCY
☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs by 8260	VOCs by SPLP FOC	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	RS-7-5-6	SL	G	6/11		6/11	1000		6	3	2					1		X	X	X		92161315
2	RS-7-15-16	SL	G			6/11	1035															002
3	RS-7-25-26					6/11	1052															003
4	RS-8-5-6					6/11	1130															004
5	RS-8-15-16					6/11	1140															005
6	RS-8-29-30					6/11	1205															006
7	RS-9-5-6					6/11	1318															007
8	RS-9-15-16					6/11	1325															008
9	RS-9-25-26					6/11	1340															009
10	RS-10-5-6					6/11	1430															010
11	RS-10-15-16					6/11	1445															011
12	RS-10-25-26					6/11	1500															012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
Need SPLP detection limit of 0.47 µg/l for TCE		6/12/13	1400		6-12-13	1400				
		6-12-13	1445		6-12-13	14:45	5.3	y	n	y

SAMPLER NAME AND SIGNATURE
PRINT Name of SAMPLER:
SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of

1667135

Section A Required Client Information:

Company: Hart & Hickman

Address: See Page 1

Email To:

Phone: Fax:

Requested Due Date/TAT:

Section B Required Project Information:

Report To:

Copy To: See Page 1

Purchase Order No.:

Project Name:

Project Number:

Section C Invoice Information:

Attention:

Company Name:

Address: See Page 1

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☒ OTHER

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

* RS-14-20-21

Matrix Codes MATRIX / CODE

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Requested Analysis Filtered (Y/N) Y/N	Analysis Test ↓	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	RS-11-5-6	SL	G	6/11		6/11	1603		6	3	2					1		Y	X X X		92161315
2	RS-11-15-16			6/11		6/11	1625														014
3	RS-11-25-26			6/11		6/11	1700														015
4	RS-12-5-6			6/11		6/11	1715														016
5	RS-12-15-16			6/11		6/11	1725														017
6	RS-12-25-26			6/11		6/11	1800														018
7	RS-13-5-6			6/12		6/12	0805														019
8	RS-13-15-16			6/12		6/12	0815														020
9	RS-13-25-26			6/12		6/12	0845														021
10	RS-14-0-1			6/12		6/12	0905														022
11	RS-15-0-1			6/12		6/12	0940														023
12	Spigot	WT	G	6/12		6/12	1020		3				3								028

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Spigot - just VOCs by 8260 Need detection of TCE by SPLP of 0.47 µg/L * RS-14-20-21 for VOCs by 8260 VOCs by SPLP, and FOC	HH	6/12/13	1400		6-12-13	1400	

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jeff Albano

SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/12/13

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

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Page: 3 of

1667133

Section A Required Client Information:

Company: Hart & Hickman

Address: See Page 1

Email To:

Phone: Fax:

Requested Due Date/TAT:

Section B Required Project Information:

Report To:

Copy To: See Page 1

Purchase Order No.:

Project Name: Pittsboro, NC

Project Number:

Section C Invoice Information:

Attention:

Company Name: See Page 1

Address:

Pace Quote Reference:

Pace Project Manager:

Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER

☐ UST ☐ RCRA ☐ OTHER

Site Location STATE:

Requested Analysis Filtered (Y/N)

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COLLECTED COMPOSITE START TIME	COLLECTED COMPOSITE END/GRAB DATE	COLLECTED COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N	VOCs by 8260	VOCs by SPLP Fuel	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	RS-14-5-6	SL	G			6/12	1035		3		2					1			X	X		24
2	RS-14-10-11	SL	G			6/12	1030															25
3	RS-14-15-16	"	"			6/12	1040															26
4	RS-14-25-26	"	"			6/12	1100															27
5																						29
6																						
7																						
8																						
9																						
10																						
11																						
12																						

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME
Detection limit for TCE by SPLP at 0.47 µg/L	THH	6/12/13	1400	Pace	6-12-13	1400
	Pace	6-12-13	14:45	Client/Fed Ex	6-12-13	14:45

SAMPLE CONDITIONS

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
5.3	Y	N	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER:

SIGNATURE of SAMPLER: DATE Signed (MM/DD/YY):

ORIGINAL

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

F-ALL-Q-020rev.07, 15-May-2007

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July 08, 2013

Chemical Testing Engineer
NCDOT
Materials & Tests Unit
1801 Blue Ridge Road
Raleigh, NC 27607

RE: Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Dear Chemical Engineer:
Enclosed are the analytical results for sample(s) received by the laboratory on June 13, 2013. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

Analyses were performed at the Pace Analytical Services location indicated on the sample analyte page for analysis unless otherwise footnoted.

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Kevin Godwin

kevin.godwin@pacelabs.com
Project Manager

Enclosures

cc: Jeff Albano, Hart & Hickman

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CERTIFICATIONS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Green Bay Certification IDs
1241 Bellevue Street, Green Bay, WI 54302
Florida/NELAP Certification #: E87948
Illinois Certification #: 200050
Kentucky Certification #: 82
Louisiana Certification #: 04168
Minnesota Certification #: 055-999-334
New York Certification #: 11888
North Dakota Certification #: R-150
South Carolina Certification #: 83006001
US Dept of Agriculture #: S-76505
Wisconsin Certification #: 405132750

Charlotte Certification IDs
9800 Kincey Ave. Ste 100, Huntersville, NC 28078
North Carolina Drinking Water Certification #: 37706
North Carolina Field Services Certification #: 5342
North Carolina Wastewater Certification #: 12
South Carolina Certification #: 99006001
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460221

REPORT OF LABORATORY ANALYSIS

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SAMPLE SUMMARY

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Lab ID	Sample ID	Matrix	Date Collected	Date Received
92161472001	**RS-15-5-6**	Solid	06/12/13 11:35	06/13/13 12:35
92161472002	**RS-15-10-11**	Solid	06/12/13 11:40	06/13/13 12:35
92161472003	**RS-15-15-16**	Solid	06/12/13 11:50	06/13/13 12:35
92161472004	**RS-15-20-21**	Solid	06/12/13 11:55	06/13/13 12:35
92161472005	**RS-15-25-26**	Solid	06/12/13 12:10	06/13/13 12:35
92161472006	**RS-16-0-1**	Solid	06/12/13 13:20	06/13/13 12:35
92161472007	**RS-16-25-26**	Solid	06/12/13 13:45	06/13/13 12:35
92161472008	**Dup-1**	Solid	06/12/13 13:50	06/13/13 12:35
92161472009	**RS-17-5-6**	Solid	06/12/13 14:25	06/13/13 12:35
92161472010	**Dup-2**	Solid	06/12/13 14:50	06/13/13 12:35
92161472011	**RS-17-0-1**	Solid	06/12/13 15:30	06/13/13 12:35
92161472012	**RS-16-5-6**	Solid	06/12/13 13:10	06/13/13 12:35
92161472013	**RS-16-10-11**	Solid	06/12/13 13:20	06/13/13 12:35
92161472014	**RS-16-15-16**	Solid	06/12/13 13:25	06/13/13 12:35
92161472015	**RS-16-20-21**	Solid	06/12/13 13:40	06/13/13 12:35
92161472016	**RS-17-10-11**	Solid	06/12/13 14:40	06/13/13 12:35
92161472017	**RS-17-15-16**	Solid	06/12/13 14:45	06/13/13 12:35
92161472018	**RS-17-20-21**	Solid	06/12/13 15:00	06/13/13 12:35
92161472019	**RS-15-10-11**	Solid	06/12/13 12:20	06/13/13 12:35
92161472020	**IDW-Liquid**	Water	06/12/13 16:15	06/13/13 12:35
92161472021	**IDW-Soil**	Solid	06/12/13 16:20	06/13/13 12:35
92161472022	**Trip Blank**	Water	06/12/13 00:00	06/13/13 12:35
92161472023	**EB-1**	Water	06/12/13 15:45	06/13/13 12:35
92161472024	**RS-17-25-26**	Solid	06/12/13 15:55	06/13/13 12:35

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SAMPLE ANALYTE COUNT

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92161472001	**RS-15-5-6**	EPA 8260	MCK	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472002	**RS-15-10-11**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472003	**RS-15-15-16**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472004	**RS-15-20-21**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472005	**RS-15-25-26**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472006	**RS-16-0-1**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472007	**RS-16-25-26**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472008	**Dup-1**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472009	**RS-17-5-6**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472010	**Dup-2**	EPA 8260	KJM	71	PASI-C

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SAMPLE ANALYTE COUNT

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472011	**RS-17-0-1**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472012	**RS-16-5-6**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472013	**RS-16-10-11**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK, KJM	15	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472014	**RS-16-15-16**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	70	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472015	**RS-16-20-21**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472016	**RS-17-10-11**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472017	**RS-17-15-16**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472018	**RS-17-20-21**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G
92161472019	**RS-15-10-11**	EPA 8260	DLK	15	PASI-C

REPORT OF LABORATORY ANALYSIS

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SAMPLE ANALYTE COUNT

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92161472020	**IDW-Liquid**	EPA 8260	DLK	15	PASI-C
92161472021	**IDW-Soil**	EPA 8260	DLK	15	PASI-C
92161472022	**Trip Blank**	EPA 8260	MCK	71	PASI-C
92161472023	**EB-1**	EPA 8260	MCK	71	PASI-C
92161472024	**RS-17-25-26**	EPA 8260	KJM	71	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
		ASTM D2974-87	HKV	1	PASI-G

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Method: **EPA 8260**
Description: 8260 MSV SPLP
Client: NCDOT East Central
Date: July 08, 2013

General Information:
19 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

QC Batch: MSV/23445

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- LCS (Lab ID: 999860)
  - 1,1-Dichloropropene
  - Bromomethane
  - Vinyl acetate

QC Batch: MSV/23446

SS: This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

- LCS (Lab ID: 999890)
  - Vinyl acetate

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/23445

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.

- LCS (Lab ID: 999860)
  - 1,1-Dichloropropene
  - 1,2,3-Trichlorobenzene
  - 1,2,4-Trichlorobenzene
  - Bromomethane

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Method: **EPA 8260**
Description: 8260 MSV SPLP
Client: NCDOT East Central
Date: July 08, 2013

QC Batch: MSV/23445

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- Chloromethane
- Hexachloro-1,3-butadiene
- Vinyl acetate

QC Batch: MSV/23446

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- LCS (Lab ID: 999890)
  - Vinyl acetate

QC Batch: MSV/23456

L0: Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
- LCS (Lab ID: 1001074)
  - Vinyl acetate

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MSV/23445

D3: Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
- Dup-2 (Lab ID: 92161472010)
  - Acetone
- RS-15-20-21 (Lab ID: 92161472004)
  - Acetone
- RS-16-10-11 (Lab ID: 92161472013)
  - Acetone
- RS-16-15-16 (Lab ID: 92161472014)
  - Acetone
- RS-16-5-6 (Lab ID: 92161472012)
  - Acetone
- RS-17-0-1 (Lab ID: 92161472011)
  - Acetone
- RS-17-15-16 (Lab ID: 92161472017)
  - Acetone
- RS-17-20-21 (Lab ID: 92161472018)
  - Acetone
- RS-17-25-26 (Lab ID: 92161472024)
  - Acetone

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Method: **EPA 8260**
Description: 8260 MSV TCLP
Client: NCDOT East Central
Date: July 08, 2013

General Information:
4 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MSV/23448

1g: MEK formation product from Acetic acid in ZHE Fluid.

- BLANK (Lab ID: 1000579)
  - 2-Butanone (MEK)

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Method: **EPA 8260**
Description: 8260 MSV Low Level
Client: NCDOT East Central
Date: July 08, 2013

General Information:
2 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

QC Batch: MSV/23337

IU: The internal standard recoveries associated with this sample exceed the upper control limit. The reported results should be considered estimated values.

- DUP (Lab ID: 994619)
  - 4-Bromofluorobenzene (S)

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Method: **EPA 8260**
Description: 8260/5035A Volatile Organics
Client: NCDOT East Central
Date: July 08, 2013

General Information:
19 samples were analyzed for EPA 8260. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Initial Calibrations (including MS Tune as applicable):
All criteria were within method requirements with any exceptions noted below.

Continuing Calibration:
All criteria were within method requirements with any exceptions noted below.

Internal Standards:
All internal standards were within QC limits with any exceptions noted below.

Surrogates:
All surrogates were within QC limits with any exceptions noted below.

QC Batch: MSV/23328

S2: Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

- RS-17-15-16 (Lab ID: 92161472017)
  - 1,2-Dichloroethane-d4 (S)
  - Dibromofluoromethane (S)
- RS-17-20-21 (Lab ID: 92161472018)
  - 1,2-Dichloroethane-d4 (S)
  - Dibromofluoromethane (S)

QC Batch: MSV/23340

S2: Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).

- RS-17-0-1 (Lab ID: 92161472011)
  - 1,2-Dichloroethane-d4 (S)
  - Dibromofluoromethane (S)

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

QC Batch: MSV/23327

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- LCS (Lab ID: 994047)
  - 1,1,2,2-Tetrachloroethane

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Method: **EPA 8260**
Description: 8260/5035A Volatile Organics
Client: NCDOT East Central
Date: July 08, 2013

QC Batch: MSV/23340

L3: Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

- LCS (Lab ID: 994468)
  - Bromomethane

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

Analyte Comments:

QC Batch: MSV/23327

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- Dup-1 (Lab ID: 92161472008)
  - 1,1-Dichloroethene
  - 1,1,1-Trichloroethane
- Dup-2 (Lab ID: 92161472010)
  - 1,1,1-Trichloroethane
- RS-16-15-16 (Lab ID: 92161472014)
  - 1,1-Dichloroethene
  - 1,1,1-Trichloroethane
  - Tetrachloroethene
- RS-16-20-21 (Lab ID: 92161472015)
  - 1,1-Dichloroethene
  - 1,1,1-Trichloroethane
- RS-16-25-26 (Lab ID: 92161472007)
  - 1,1-Dichloroethene
  - 1,1,1-Trichloroethane
- RS-17-5-6 (Lab ID: 92161472009)
  - 1,1,1-Trichloroethane

QC Batch: MSV/23328

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- RS-17-10-11 (Lab ID: 92161472016)
  - 1,1,1-Trichloroethane
- RS-17-15-16 (Lab ID: 92161472017)
  - 1,1-Dichloroethene
  - 1,1,1-Trichloroethane
- RS-17-20-21 (Lab ID: 92161472018)
  - 1,1-Dichloroethene
  - 1,1,1-Trichloroethane

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Method: **EPA 8260**
Description: 8260/5035A Volatile Organics
Client: NCDOT East Central
Date: July 08, 2013

Analyte Comments:

QC Batch: MSV/23340

E: Analyte concentration exceeded the calibration range. The reported result is estimated.

- RS-17-0-1 (Lab ID: 92161472011)
  - Acetone

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PROJECT NARRATIVE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Method: **ASTM D2974-87**
Description: Fractional Organic Carbon
Client: NCDOT East Central
Date: July 08, 2013

General Information:
19 samples were analyzed for ASTM D2974-87. All samples were received in acceptable condition with any exceptions noted below.

Hold Time:
The samples were analyzed within the method required hold times with any exceptions noted below.

Method Blank:
All analytes were below the report limit in the method blank with any exceptions noted below.

Laboratory Control Spike:
All laboratory control spike compounds were within QC limits with any exceptions noted below.

Matrix Spikes:
All percent recoveries and relative percent differences (RPDs) were within acceptance criteria with any exceptions noted below.

Duplicate Sample:
All duplicate sample results were within method acceptance criteria with any exceptions noted below.

Additional Comments:

This data package has been reviewed for quality and completeness and is approved for release.

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-5-6 **Lab ID: 92161472001** Collected: 06/12/13 11:35 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/20/13 13:10								
Acetone	**36.4**	ug/L	25.0	10.0	1		06/22/13 10:01	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/22/13 10:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/22/13 10:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/22/13 10:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/22/13 10:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/22/13 10:01	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/22/13 10:01	74-83-9	
2-Butanone (MEK)	**3.9J**	ug/L	5.0	0.96	1		06/22/13 10:01	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/22/13 10:01	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/22/13 10:01	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/22/13 10:01	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/22/13 10:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/22/13 10:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/22/13 10:01	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/22/13 10:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/22/13 10:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/22/13 10:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/22/13 10:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/22/13 10:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/22/13 10:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/22/13 10:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/22/13 10:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/22/13 10:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/22/13 10:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/22/13 10:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/22/13 10:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/22/13 10:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/22/13 10:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/22/13 10:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/22/13 10:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/22/13 10:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/22/13 10:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/22/13 10:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/22/13 10:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/22/13 10:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/22/13 10:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/22/13 10:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/22/13 10:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/22/13 10:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/22/13 10:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/22/13 10:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/22/13 10:01	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/22/13 10:01	99-87-6	
Methylene Chloride	**3910**	ug/L	100	48.5	50		06/25/13 22:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.0J**	ug/L	5.0	0.33	1		06/22/13 10:01	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-5-6 **Lab ID: 92161472001** Collected: 06/12/13 11:35 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/20/13 13:10								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/22/13 10:01	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/22/13 10:01	91-20-3	
n-Propylbenzene	**2.4**	ug/L	1.0	0.42	1		06/22/13 10:01	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/22/13 10:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/22/13 10:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/22/13 10:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/22/13 10:01	127-18-4	
Toluene	**1.0**	ug/L	1.0	0.26	1		06/22/13 10:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/22/13 10:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/22/13 10:01	120-82-1	
1,1,1-Trichloroethane	**1.9**	ug/L	1.0	0.48	1		06/22/13 10:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/22/13 10:01	79-00-5	
Trichloroethene	**33.2**	ug/L	1.0	0.47	1		06/22/13 10:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/22/13 10:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/22/13 10:01	96-18-4	
1,2,4-Trimethylbenzene	**19.3**	ug/L	1.0	0.31	1		06/22/13 10:01	95-63-6	
1,3,5-Trimethylbenzene	**4.5**	ug/L	1.0	0.36	1		06/22/13 10:01	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/22/13 10:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/22/13 10:01	75-01-4	
Xylene (Total)	**7.4**	ug/L	2.0	0.66	1		06/22/13 10:01	1330-20-7	
m&p-Xylene	**4.6**	ug/L	2.0	0.66	1		06/22/13 10:01	179601-23-1	
o-Xylene	**2.8**	ug/L	1.0	0.23	1		06/22/13 10:01	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%			1		06/22/13 10:01	17060-07-0	
Toluene-d8 (S)	104	%			1		06/22/13 10:01	2037-26-5	
4-Bromofluorobenzene (S)	107	%			1		06/22/13 10:01	460-00-4	
Dibromofluoromethane (S)	112	%			1		06/22/13 10:01	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**106J**	ug/kg	121	12.1	1		06/17/13 22:50	67-64-1	
Benzene	ND	ug/kg	6.0	1.9	1		06/17/13 22:50	71-43-2	
Bromobenzene	ND	ug/kg	6.0	2.4	1		06/17/13 22:50	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	2.1	1		06/17/13 22:50	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	2.3	1		06/17/13 22:50	75-27-4	
Bromoform	ND	ug/kg	6.0	2.8	1		06/17/13 22:50	75-25-2	
Bromomethane	ND	ug/kg	12.1	3.0	1		06/17/13 22:50	74-83-9	
2-Butanone (MEK)	ND	ug/kg	121	3.5	1		06/17/13 22:50	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	2.2	1		06/17/13 22:50	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1.9	1		06/17/13 22:50	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	2.4	1		06/17/13 22:50	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.0	3.1	1		06/17/13 22:50	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	2.3	1		06/17/13 22:50	108-90-7	
Chloroethane	ND	ug/kg	12.1	2.9	1		06/17/13 22:50	75-00-3	
Chloroform	ND	ug/kg	6.0	1.9	1		06/17/13 22:50	67-66-3	
Chloromethane	ND	ug/kg	12.1	2.9	1		06/17/13 22:50	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-5-6 **Lab ID: 92161472001** Collected: 06/12/13 11:35 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	6.0	2.1	1		06/17/13 22:50	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	2.2	1		06/17/13 22:50	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	4.3	1		06/17/13 22:50	96-12-8	
Dibromochloromethane	ND	ug/kg	6.0	2.2	1		06/17/13 22:50	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	2.2	1		06/17/13 22:50	106-93-4	
Dibromomethane	ND	ug/kg	6.0	3.0	1		06/17/13 22:50	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	2.3	1		06/17/13 22:50	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	2.4	1		06/17/13 22:50	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	2.1	1		06/17/13 22:50	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.1	4.3	1		06/17/13 22:50	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1.8	1		06/17/13 22:50	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	2.7	1		06/17/13 22:50	107-06-2	
1,1-Dichloroethene	**66.0**	ug/kg	6.0	2.2	1		06/17/13 22:50	75-35-4	
cis-1,2-Dichloroethene	**3.0J**	ug/kg	6.0	1.7	1		06/17/13 22:50	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.0	2.3	1		06/17/13 22:50	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	2.1	1		06/17/13 22:50	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	2.3	1		06/17/13 22:50	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	2.1	1		06/17/13 22:50	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1.8	1		06/17/13 22:50	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	2.2	1		06/17/13 22:50	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1.8	1		06/17/13 22:50	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.0	2.1	1		06/17/13 22:50	108-20-3	
Ethylbenzene	ND	ug/kg	6.0	2.2	1		06/17/13 22:50	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	2.4	1		06/17/13 22:50	87-68-3	
2-Hexanone	ND	ug/kg	60.4	4.7	1		06/17/13 22:50	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	2.3	1		06/17/13 22:50	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	2.1	1		06/17/13 22:50	99-87-6	
Methylene Chloride	ND	ug/kg	24.1	3.6	1		06/17/13 22:50	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.4	4.5	1		06/17/13 22:50	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1.8	1		06/17/13 22:50	1634-04-4	
Naphthalene	ND	ug/kg	6.0	1.4	1		06/17/13 22:50	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	2.1	1		06/17/13 22:50	103-65-1	
Styrene	ND	ug/kg	6.0	2.2	1		06/17/13 22:50	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	2.5	1		06/17/13 22:50	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	2.3	1		06/17/13 22:50	79-34-5	
Tetrachloroethene	**48.4**	ug/kg	6.0	2.1	1		06/17/13 22:50	127-18-4	
Toluene	ND	ug/kg	6.0	2.2	1		06/17/13 22:50	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	2.7	1		06/17/13 22:50	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1.9	1		06/17/13 22:50	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1190	427	200		06/18/13 15:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	2.5	1		06/17/13 22:50	79-00-5	
Trichloroethene	**4660**	ug/kg	1190	498	200		06/18/13 15:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	2.7	1		06/17/13 22:50	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1.9	1		06/17/13 22:50	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	2.4	1		06/17/13 22:50	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-5-6 **Lab ID: 92161472001** Collected: 06/12/13 11:35 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	2.2	1		06/17/13 22:50	108-67-8	
Vinyl acetate	ND	ug/kg	60.4	10.6	1		06/17/13 22:50	108-05-4	
Vinyl chloride	ND	ug/kg	12.1	2.2	1		06/17/13 22:50	75-01-4	
Xylene (Total)	ND	ug/kg	12.1	4.3	1		06/17/13 22:50	1330-20-7	
m&p-Xylene	ND	ug/kg	12.1	4.3	1		06/17/13 22:50	179601-23-1	
o-Xylene	ND	ug/kg	6.0	2.3	1		06/17/13 22:50	95-47-6	
Surrogates									
Dibromofluoromethane (S)	105	%	70-130		1		06/17/13 22:50	1868-53-7	
Toluene-d8 (S)	88	%	70-130		1		06/17/13 22:50	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		06/17/13 22:50	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-132		1		06/17/13 22:50	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**23.7**	%	0.10	0.10	1		06/18/13 09:41		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.8**	% (w/w)	0.058	0.058	1		06/14/13 17:28		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-10-11 **Lab ID: 92161472002** Collected: 06/12/13 11:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Acetone	ND	ug/L	25.0	10.0	1		06/28/13 05:10	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/28/13 05:10	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/28/13 05:10	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/28/13 05:10	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/28/13 05:10	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/28/13 05:10	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/28/13 05:10	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/28/13 05:10	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/28/13 05:10	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/28/13 05:10	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/28/13 05:10	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/28/13 05:10	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/28/13 05:10	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/28/13 05:10	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/28/13 05:10	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/28/13 05:10	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/28/13 05:10	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/28/13 05:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/28/13 05:10	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/28/13 05:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/28/13 05:10	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/28/13 05:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/28/13 05:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/28/13 05:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/28/13 05:10	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/28/13 05:10	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/28/13 05:10	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/28/13 05:10	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/28/13 05:10	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/28/13 05:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/28/13 05:10	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/28/13 05:10	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/28/13 05:10	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/28/13 05:10	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/28/13 05:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/28/13 05:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/28/13 05:10	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/28/13 05:10	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/28/13 05:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/28/13 05:10	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/28/13 05:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/28/13 05:10	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/28/13 05:10	99-87-6	
Methylene Chloride	**1.4J**	ug/L	2.0	0.97	1		06/28/13 05:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/28/13 05:10	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-10-11 **Lab ID: 92161472002** Collected: 06/12/13 11:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/28/13 05:10	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/28/13 05:10	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/28/13 05:10	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/28/13 05:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/28/13 05:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/28/13 05:10	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/28/13 05:10	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/28/13 05:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/28/13 05:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/28/13 05:10	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/28/13 05:10	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/28/13 05:10	79-00-5	
Trichloroethene	**2.0**	ug/L	1.0	0.47	1		06/28/13 05:10	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/28/13 05:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/28/13 05:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/28/13 05:10	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/28/13 05:10	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/28/13 05:10	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/28/13 05:10	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/28/13 05:10	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/28/13 05:10	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/28/13 05:10	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	105	%			1		06/28/13 05:10	17060-07-0	
Toluene-d8 (S)	99	%			1		06/28/13 05:10	2037-26-5	
4-Bromofluorobenzene (S)	95	%			1		06/28/13 05:10	460-00-4	
Dibromofluoromethane (S)	99	%			1		06/28/13 05:10	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**34.4J**	ug/kg	130	13.0	1		06/17/13 23:09	67-64-1	
Benzene	ND	ug/kg	6.5	2.1	1		06/17/13 23:09	71-43-2	
Bromobenzene	ND	ug/kg	6.5	2.6	1		06/17/13 23:09	108-86-1	
Bromochloromethane	ND	ug/kg	6.5	2.2	1		06/17/13 23:09	74-97-5	
Bromodichloromethane	ND	ug/kg	6.5	2.5	1		06/17/13 23:09	75-27-4	
Bromoform	ND	ug/kg	6.5	3.0	1		06/17/13 23:09	75-25-2	
Bromomethane	ND	ug/kg	13.0	3.2	1		06/17/13 23:09	74-83-9	
2-Butanone (MEK)	ND	ug/kg	130	3.8	1		06/17/13 23:09	78-93-3	
n-Butylbenzene	ND	ug/kg	6.5	2.3	1		06/17/13 23:09	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.5	2.1	1		06/17/13 23:09	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.5	2.6	1		06/17/13 23:09	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.5	3.4	1		06/17/13 23:09	56-23-5	
Chlorobenzene	ND	ug/kg	6.5	2.5	1		06/17/13 23:09	108-90-7	
Chloroethane	ND	ug/kg	13.0	3.1	1		06/17/13 23:09	75-00-3	
Chloroform	ND	ug/kg	6.5	2.1	1		06/17/13 23:09	67-66-3	
Chloromethane	ND	ug/kg	13.0	3.1	1		06/17/13 23:09	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-10-11 **Lab ID: 92161472002** Collected: 06/12/13 11:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	6.5	2.2	1		06/17/13 23:09	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.5	2.3	1		06/17/13 23:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.5	4.7	1		06/17/13 23:09	96-12-8	
Dibromochloromethane	ND	ug/kg	6.5	2.3	1		06/17/13 23:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.5	2.3	1		06/17/13 23:09	106-93-4	
Dibromomethane	ND	ug/kg	6.5	3.2	1		06/17/13 23:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.5	2.5	1		06/17/13 23:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.5	2.6	1		06/17/13 23:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.5	2.2	1		06/17/13 23:09	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.0	4.7	1		06/17/13 23:09	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.5	1.9	1		06/17/13 23:09	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.5	2.9	1		06/17/13 23:09	107-06-2	
1,1-Dichloroethene	**84.8**	ug/kg	6.5	2.3	1		06/17/13 23:09	75-35-4	
cis-1,2-Dichloroethene	**3.6J**	ug/kg	6.5	1.8	1		06/17/13 23:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.5	2.5	1		06/17/13 23:09	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.5	2.2	1		06/17/13 23:09	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.5	2.5	1		06/17/13 23:09	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.5	2.2	1		06/17/13 23:09	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.5	1.9	1		06/17/13 23:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.5	2.3	1		06/17/13 23:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.5	1.9	1		06/17/13 23:09	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.5	2.2	1		06/17/13 23:09	108-20-3	
Ethylbenzene	ND	ug/kg	6.5	2.3	1		06/17/13 23:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.5	2.6	1		06/17/13 23:09	87-68-3	
2-Hexanone	ND	ug/kg	64.8	5.1	1		06/17/13 23:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.5	2.5	1		06/17/13 23:09	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.5	2.2	1		06/17/13 23:09	99-87-6	
Methylene Chloride	ND	ug/kg	25.9	3.9	1		06/17/13 23:09	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	64.8	4.8	1		06/17/13 23:09	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.5	1.9	1		06/17/13 23:09	1634-04-4	
Naphthalene	ND	ug/kg	6.5	1.6	1		06/17/13 23:09	91-20-3	
n-Propylbenzene	ND	ug/kg	6.5	2.2	1		06/17/13 23:09	103-65-1	
Styrene	ND	ug/kg	6.5	2.3	1		06/17/13 23:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.5	2.7	1		06/17/13 23:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.5	2.5	1		06/17/13 23:09	79-34-5	
Tetrachloroethene	**36.1**	ug/kg	6.5	2.2	1		06/17/13 23:09	127-18-4	
Toluene	ND	ug/kg	6.5	2.3	1		06/17/13 23:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.5	2.9	1		06/17/13 23:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.5	2.1	1		06/17/13 23:09	120-82-1	
1,1,1-Trichloroethane	**542J**	ug/kg	643	231	100		06/18/13 15:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.5	2.7	1		06/17/13 23:09	79-00-5	
Trichloroethene	**5320**	ug/kg	643	270	100		06/18/13 15:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.5	2.9	1		06/17/13 23:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.5	2.1	1		06/17/13 23:09	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.5	2.6	1		06/17/13 23:09	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-10-11 **Lab ID: 92161472002** Collected: 06/12/13 11:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	6.5	2.3	1		06/17/13 23:09	108-67-8	
Vinyl acetate	ND	ug/kg	64.8	11.4	1		06/17/13 23:09	108-05-4	
Vinyl chloride	ND	ug/kg	13.0	2.3	1		06/17/13 23:09	75-01-4	
Xylene (Total)	ND	ug/kg	13.0	4.7	1		06/17/13 23:09	1330-20-7	
m&p-Xylene	ND	ug/kg	13.0	4.7	1		06/17/13 23:09	179601-23-1	
o-Xylene	ND	ug/kg	6.5	2.5	1		06/17/13 23:09	95-47-6	
Surrogates									
Dibromofluoromethane (S)	105	%	70-130		1		06/17/13 23:09	1868-53-7	
Toluene-d8 (S)	89	%	70-130		1		06/17/13 23:09	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		06/17/13 23:09	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-132		1		06/17/13 23:09	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**24.2**	%	0.10	0.10	1		06/18/13 09:41		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.1**	% (w/w)	0.058	0.058	1		06/14/13 17:31		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-15-16 **Lab ID: 92161472003** Collected: 06/12/13 11:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Acetone	ND	ug/L	25.0	10.0	1		06/26/13 20:33	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/26/13 20:33	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/26/13 20:33	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/26/13 20:33	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/26/13 20:33	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/26/13 20:33	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/26/13 20:33	74-83-9	
2-Butanone (MEK)	**15.5**	ug/L	5.0	0.96	1		06/26/13 20:33	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/26/13 20:33	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/26/13 20:33	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/26/13 20:33	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/26/13 20:33	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/26/13 20:33	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/26/13 20:33	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/26/13 20:33	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/26/13 20:33	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/26/13 20:33	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/26/13 20:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/26/13 20:33	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/26/13 20:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/26/13 20:33	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/26/13 20:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/26/13 20:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/26/13 20:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 20:33	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/26/13 20:33	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/26/13 20:33	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/26/13 20:33	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/26/13 20:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/26/13 20:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/26/13 20:33	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/26/13 20:33	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/26/13 20:33	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/26/13 20:33	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/26/13 20:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/26/13 20:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/26/13 20:33	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/26/13 20:33	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/26/13 20:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/26/13 20:33	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/26/13 20:33	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/26/13 20:33	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/26/13 20:33	99-87-6	
Methylene Chloride	**67.3**	ug/L	2.0	0.97	1		06/26/13 20:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	**7.0**	ug/L	5.0	0.33	1		06/26/13 20:33	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-15-16 **Lab ID: 92161472003** Collected: 06/12/13 11:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/26/13 20:33	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/26/13 20:33	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/26/13 20:33	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/26/13 20:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/26/13 20:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/26/13 20:33	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/26/13 20:33	127-18-4	
Toluene	**1.3**	ug/L	1.0	0.26	1		06/26/13 20:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 20:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/26/13 20:33	120-82-1	
1,1,1-Trichloroethane	**2.4**	ug/L	1.0	0.48	1		06/26/13 20:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/26/13 20:33	79-00-5	
Trichloroethene	**35.0**	ug/L	1.0	0.47	1		06/26/13 20:33	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/26/13 20:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/26/13 20:33	96-18-4	
1,2,4-Trimethylbenzene	**2.0**	ug/L	1.0	0.31	1		06/26/13 20:33	95-63-6	
1,3,5-Trimethylbenzene	**0.50J**	ug/L	1.0	0.36	1		06/26/13 20:33	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/26/13 20:33	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/26/13 20:33	75-01-4	
Xylene (Total)	**8.2**	ug/L	2.0	0.66	1		06/26/13 20:33	1330-20-7	
m&p-Xylene	**5.9**	ug/L	2.0	0.66	1		06/26/13 20:33	179601-23-1	
o-Xylene	**2.3**	ug/L	1.0	0.23	1		06/26/13 20:33	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%			1		06/26/13 20:33	17060-07-0	
Toluene-d8 (S)	99	%			1		06/26/13 20:33	2037-26-5	
4-Bromofluorobenzene (S)	100	%			1		06/26/13 20:33	460-00-4	
Dibromofluoromethane (S)	99	%			1		06/26/13 20:33	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	128	12.8	1		06/17/13 23:28	67-64-1	
Benzene	ND	ug/kg	6.4	2.0	1		06/17/13 23:28	71-43-2	
Bromobenzene	ND	ug/kg	6.4	2.6	1		06/17/13 23:28	108-86-1	
Bromochloromethane	ND	ug/kg	6.4	2.2	1		06/17/13 23:28	74-97-5	
Bromodichloromethane	ND	ug/kg	6.4	2.4	1		06/17/13 23:28	75-27-4	
Bromoform	ND	ug/kg	6.4	2.9	1		06/17/13 23:28	75-25-2	
Bromomethane	ND	ug/kg	12.8	3.2	1		06/17/13 23:28	74-83-9	
2-Butanone (MEK)	ND	ug/kg	128	3.7	1		06/17/13 23:28	78-93-3	
n-Butylbenzene	ND	ug/kg	6.4	2.3	1		06/17/13 23:28	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.4	2.0	1		06/17/13 23:28	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.4	2.6	1		06/17/13 23:28	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.4	3.3	1		06/17/13 23:28	56-23-5	
Chlorobenzene	ND	ug/kg	6.4	2.4	1		06/17/13 23:28	108-90-7	
Chloroethane	ND	ug/kg	12.8	3.1	1		06/17/13 23:28	75-00-3	
Chloroform	ND	ug/kg	6.4	2.0	1		06/17/13 23:28	67-66-3	
Chloromethane	ND	ug/kg	12.8	3.1	1		06/17/13 23:28	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-15-16 **Lab ID: 92161472003** Collected: 06/12/13 11:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	6.4	2.2	1		06/17/13 23:28	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.4	2.3	1		06/17/13 23:28	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	4.6	1		06/17/13 23:28	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	2.3	1		06/17/13 23:28	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	2.3	1		06/17/13 23:28	106-93-4	
Dibromomethane	ND	ug/kg	6.4	3.2	1		06/17/13 23:28	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.4	2.4	1		06/17/13 23:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.4	2.6	1		06/17/13 23:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.4	2.2	1		06/17/13 23:28	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.8	4.6	1		06/17/13 23:28	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.4	1.9	1		06/17/13 23:28	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	2.8	1		06/17/13 23:28	107-06-2	
1,1-Dichloroethene	**70.4**	ug/kg	6.4	2.3	1		06/17/13 23:28	75-35-4	
cis-1,2-Dichloroethene	**2.2J**	ug/kg	6.4	1.8	1		06/17/13 23:28	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	2.4	1		06/17/13 23:28	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	2.2	1		06/17/13 23:28	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.4	2.4	1		06/17/13 23:28	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.4	2.2	1		06/17/13 23:28	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.4	1.9	1		06/17/13 23:28	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	2.3	1		06/17/13 23:28	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	1.9	1		06/17/13 23:28	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.4	2.2	1		06/17/13 23:28	108-20-3	
Ethylbenzene	ND	ug/kg	6.4	2.3	1		06/17/13 23:28	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.4	2.6	1		06/17/13 23:28	87-68-3	
2-Hexanone	ND	ug/kg	63.9	5.0	1		06/17/13 23:28	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	2.4	1		06/17/13 23:28	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.4	2.2	1		06/17/13 23:28	99-87-6	
Methylene Chloride	ND	ug/kg	25.5	3.8	1		06/17/13 23:28	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	63.9	4.7	1		06/17/13 23:28	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	1.9	1		06/17/13 23:28	1634-04-4	
Naphthalene	ND	ug/kg	6.4	1.5	1		06/17/13 23:28	91-20-3	
n-Propylbenzene	ND	ug/kg	6.4	2.2	1		06/17/13 23:28	103-65-1	
Styrene	ND	ug/kg	6.4	2.3	1		06/17/13 23:28	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.4	2.7	1		06/17/13 23:28	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	2.4	1		06/17/13 23:28	79-34-5	
Tetrachloroethene	**22.5**	ug/kg	6.4	2.2	1		06/17/13 23:28	127-18-4	
Toluene	ND	ug/kg	6.4	2.3	1		06/17/13 23:28	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.4	2.8	1		06/17/13 23:28	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.4	2.0	1		06/17/13 23:28	120-82-1	
1,1,1-Trichloroethane	**143**	ug/kg	6.4	2.3	1		06/17/13 23:28	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.4	2.7	1		06/17/13 23:28	79-00-5	
Trichloroethene	**2220**	ug/kg	286	120	50		06/18/13 16:12	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.4	2.8	1		06/17/13 23:28	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.4	2.0	1		06/17/13 23:28	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.4	2.6	1		06/17/13 23:28	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-15-16 **Lab ID: 92161472003** Collected: 06/12/13 11:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	6.4	2.3	1		06/17/13 23:28	108-67-8	
Vinyl acetate	ND	ug/kg	63.9	11.2	1		06/17/13 23:28	108-05-4	
Vinyl chloride	ND	ug/kg	12.8	2.3	1		06/17/13 23:28	75-01-4	
Xylene (Total)	ND	ug/kg	12.8	4.6	1		06/17/13 23:28	1330-20-7	
m&p-Xylene	ND	ug/kg	12.8	4.6	1		06/17/13 23:28	179601-23-1	
o-Xylene	ND	ug/kg	6.4	2.4	1		06/17/13 23:28	95-47-6	
Surrogates									
Dibromofluoromethane (S)	106	%	70-130		1		06/17/13 23:28	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		06/17/13 23:28	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130		1		06/17/13 23:28	460-00-4	
1,2-Dichloroethane-d4 (S)	103	%	70-132		1		06/17/13 23:28	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**27.0**	%	0.10	0.10	1		06/18/13 09:41		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.8**	% (w/w)	0.058	0.058	1		06/14/13 17:37		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-20-21 **Lab ID: 92161472004** Collected: 06/12/13 11:55 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Acetone	ND	ug/L	125	50.0	5		06/26/13 23:12	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/26/13 23:12	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/26/13 23:12	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/26/13 23:12	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/26/13 23:12	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/26/13 23:12	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/26/13 23:12	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/26/13 23:12	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 23:12	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/26/13 23:12	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 23:12	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/26/13 23:12	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 23:12	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/26/13 23:12	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/26/13 23:12	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/26/13 23:12	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/26/13 23:12	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/26/13 23:12	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/26/13 23:12	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/26/13 23:12	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/26/13 23:12	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/26/13 23:12	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/26/13 23:12	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 23:12	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 23:12	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 23:12	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/26/13 23:12	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/26/13 23:12	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/26/13 23:12	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/26/13 23:12	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 23:12	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 23:12	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 23:12	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/26/13 23:12	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/26/13 23:12	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/26/13 23:12	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/26/13 23:12	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/26/13 23:12	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/26/13 23:12	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/26/13 23:12	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/26/13 23:12	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/26/13 23:12	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/26/13 23:12	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/26/13 23:12	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/26/13 23:12	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-20-21 **Lab ID: 92161472004** Collected: 06/12/13 11:55 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/26/13 23:12	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/26/13 23:12	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/26/13 23:12	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/26/13 23:12	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/26/13 23:12	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/26/13 23:12	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/26/13 23:12	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/26/13 23:12	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 23:12	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/26/13 23:12	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/26/13 23:12	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/26/13 23:12	79-00-5	
Trichloroethene	**6.2**	ug/L	5.0	2.4	5		06/26/13 23:12	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 23:12	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/26/13 23:12	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/26/13 23:12	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/26/13 23:12	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/26/13 23:12	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/26/13 23:12	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/26/13 23:12	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/26/13 23:12	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/26/13 23:12	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	111	%			5		06/26/13 23:12	17060-07-0	
Toluene-d8 (S)	96	%			5		06/26/13 23:12	2037-26-5	
4-Bromofluorobenzene (S)	111	%			5		06/26/13 23:12	460-00-4	
Dibromofluoromethane (S)	96	%			5		06/26/13 23:12	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**13.8J**	ug/kg	126	12.6	1		06/17/13 23:46	67-64-1	
Benzene	ND	ug/kg	6.3	2.0	1		06/17/13 23:46	71-43-2	
Bromobenzene	ND	ug/kg	6.3	2.5	1		06/17/13 23:46	108-86-1	
Bromochloromethane	ND	ug/kg	6.3	2.1	1		06/17/13 23:46	74-97-5	
Bromodichloromethane	ND	ug/kg	6.3	2.4	1		06/17/13 23:46	75-27-4	
Bromoform	ND	ug/kg	6.3	2.9	1		06/17/13 23:46	75-25-2	
Bromomethane	ND	ug/kg	12.6	3.2	1		06/17/13 23:46	74-83-9	
2-Butanone (MEK)	ND	ug/kg	126	3.7	1		06/17/13 23:46	78-93-3	
n-Butylbenzene	ND	ug/kg	6.3	2.3	1		06/17/13 23:46	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.3	2.0	1		06/17/13 23:46	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.3	2.5	1		06/17/13 23:46	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.3	3.3	1		06/17/13 23:46	56-23-5	
Chlorobenzene	ND	ug/kg	6.3	2.4	1		06/17/13 23:46	108-90-7	
Chloroethane	ND	ug/kg	12.6	3.0	1		06/17/13 23:46	75-00-3	
Chloroform	ND	ug/kg	6.3	2.0	1		06/17/13 23:46	67-66-3	
Chloromethane	ND	ug/kg	12.6	3.0	1		06/17/13 23:46	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-20-21 **Lab ID: 92161472004** Collected: 06/12/13 11:55 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	6.3	2.1	1		06/17/13 23:46	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.3	2.3	1		06/17/13 23:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.3	4.5	1		06/17/13 23:46	96-12-8	
Dibromochloromethane	ND	ug/kg	6.3	2.3	1		06/17/13 23:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.3	2.3	1		06/17/13 23:46	106-93-4	
Dibromomethane	ND	ug/kg	6.3	3.2	1		06/17/13 23:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.3	2.4	1		06/17/13 23:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.3	2.5	1		06/17/13 23:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.3	2.1	1		06/17/13 23:46	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.6	4.5	1		06/17/13 23:46	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.3	1.9	1		06/17/13 23:46	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.3	2.8	1		06/17/13 23:46	107-06-2	
1,1-Dichloroethene	**108**	ug/kg	6.3	2.3	1		06/17/13 23:46	75-35-4	
cis-1,2-Dichloroethene	**2.9J**	ug/kg	6.3	1.8	1		06/17/13 23:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.3	2.4	1		06/17/13 23:46	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.3	2.1	1		06/17/13 23:46	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.3	2.4	1		06/17/13 23:46	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.3	2.1	1		06/17/13 23:46	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.3	1.9	1		06/17/13 23:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.3	2.3	1		06/17/13 23:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.3	1.9	1		06/17/13 23:46	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.3	2.1	1		06/17/13 23:46	108-20-3	
Ethylbenzene	ND	ug/kg	6.3	2.3	1		06/17/13 23:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.3	2.5	1		06/17/13 23:46	87-68-3	
2-Hexanone	ND	ug/kg	63.2	4.9	1		06/17/13 23:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.3	2.4	1		06/17/13 23:46	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.3	2.1	1		06/17/13 23:46	99-87-6	
Methylene Chloride	ND	ug/kg	25.3	3.8	1		06/17/13 23:46	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	63.2	4.7	1		06/17/13 23:46	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.3	1.9	1		06/17/13 23:46	1634-04-4	
Naphthalene	ND	ug/kg	6.3	1.5	1		06/17/13 23:46	91-20-3	
n-Propylbenzene	ND	ug/kg	6.3	2.1	1		06/17/13 23:46	103-65-1	
Styrene	ND	ug/kg	6.3	2.3	1		06/17/13 23:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.3	2.7	1		06/17/13 23:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.3	2.4	1		06/17/13 23:46	79-34-5	
Tetrachloroethene	**17.9**	ug/kg	6.3	2.1	1		06/17/13 23:46	127-18-4	
Toluene	ND	ug/kg	6.3	2.3	1		06/17/13 23:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.3	2.8	1		06/17/13 23:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.3	2.0	1		06/17/13 23:46	120-82-1	
1,1,1-Trichloroethane	**72.6**	ug/kg	6.3	2.3	1		06/17/13 23:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.3	2.7	1		06/17/13 23:46	79-00-5	
Trichloroethene	**1560**	ug/kg	291	122	50		06/18/13 16:49	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.3	2.8	1		06/17/13 23:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.3	2.0	1		06/17/13 23:46	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.3	2.5	1		06/17/13 23:46	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-20-21 **Lab ID: 92161472004** Collected: 06/12/13 11:55 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	6.3	2.3	1		06/17/13 23:46	108-67-8	
Vinyl acetate	ND	ug/kg	63.2	11.1	1		06/17/13 23:46	108-05-4	
Vinyl chloride	ND	ug/kg	12.6	2.3	1		06/17/13 23:46	75-01-4	
Xylene (Total)	ND	ug/kg	12.6	4.5	1		06/17/13 23:46	1330-20-7	
m&p-Xylene	ND	ug/kg	12.6	4.5	1		06/17/13 23:46	179601-23-1	
o-Xylene	ND	ug/kg	6.3	2.4	1		06/17/13 23:46	95-47-6	
Surrogates									
Dibromofluoromethane (S)	108	%	70-130		1		06/17/13 23:46	1868-53-7	
Toluene-d8 (S)	93	%	70-130		1		06/17/13 23:46	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		06/17/13 23:46	460-00-4	
1,2-Dichloroethane-d4 (S)	104	%	70-132		1		06/17/13 23:46	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**24.3**	%	0.10	0.10	1		06/18/13 09:41		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.8**	% (w/w)	0.058	0.058	1		06/14/13 17:39		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-25-26 **Lab ID: 92161472005** Collected: 06/12/13 12:10 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Acetone	ND	ug/L	25.0	10.0	1		06/26/13 20:49	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/26/13 20:49	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/26/13 20:49	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/26/13 20:49	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/26/13 20:49	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/26/13 20:49	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/26/13 20:49	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/26/13 20:49	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/26/13 20:49	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/26/13 20:49	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/26/13 20:49	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/26/13 20:49	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/26/13 20:49	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/26/13 20:49	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/26/13 20:49	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/26/13 20:49	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/26/13 20:49	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/26/13 20:49	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/26/13 20:49	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/26/13 20:49	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/26/13 20:49	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/26/13 20:49	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/26/13 20:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/26/13 20:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 20:49	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/26/13 20:49	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/26/13 20:49	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/26/13 20:49	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/26/13 20:49	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/26/13 20:49	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/26/13 20:49	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/26/13 20:49	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/26/13 20:49	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/26/13 20:49	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/26/13 20:49	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/26/13 20:49	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/26/13 20:49	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/26/13 20:49	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/26/13 20:49	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/26/13 20:49	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/26/13 20:49	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/26/13 20:49	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/26/13 20:49	99-87-6	
Methylene Chloride	**1810**	ug/L	40.0	19.4	20		06/27/13 12:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	**5.5**	ug/L	5.0	0.33	1		06/26/13 20:49	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-25-26 **Lab ID: 92161472005** Collected: 06/12/13 12:10 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/26/13 20:49	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/26/13 20:49	91-20-3	
n-Propylbenzene	**2.6**	ug/L	1.0	0.42	1		06/26/13 20:49	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/26/13 20:49	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/26/13 20:49	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/26/13 20:49	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/26/13 20:49	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/26/13 20:49	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 20:49	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/26/13 20:49	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/26/13 20:49	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/26/13 20:49	79-00-5	
Trichloroethene	**2.1**	ug/L	1.0	0.47	1		06/26/13 20:49	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/26/13 20:49	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/26/13 20:49	96-18-4	
1,2,4-Trimethylbenzene	**24.4**	ug/L	1.0	0.31	1		06/26/13 20:49	95-63-6	
1,3,5-Trimethylbenzene	**5.5**	ug/L	1.0	0.36	1		06/26/13 20:49	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/26/13 20:49	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/26/13 20:49	75-01-4	
Xylene (Total)	**8.1**	ug/L	2.0	0.66	1		06/26/13 20:49	1330-20-7	
m&p-Xylene	**5.1**	ug/L	2.0	0.66	1		06/26/13 20:49	179601-23-1	
o-Xylene	**3.0**	ug/L	1.0	0.23	1		06/26/13 20:49	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%			1		06/26/13 20:49	17060-07-0	
Toluene-d8 (S)	98	%			1		06/26/13 20:49	2037-26-5	
4-Bromofluorobenzene (S)	103	%			1		06/26/13 20:49	460-00-4	
Dibromofluoromethane (S)	99	%			1		06/26/13 20:49	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	109	10.9	1		06/18/13 00:05	67-64-1	
Benzene	ND	ug/kg	5.4	1.7	1		06/18/13 00:05	71-43-2	
Bromobenzene	ND	ug/kg	5.4	2.2	1		06/18/13 00:05	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	1.9	1		06/18/13 00:05	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	2.1	1		06/18/13 00:05	75-27-4	
Bromoform	ND	ug/kg	5.4	2.5	1		06/18/13 00:05	75-25-2	
Bromomethane	ND	ug/kg	10.9	2.7	1		06/18/13 00:05	74-83-9	
2-Butanone (MEK)	ND	ug/kg	109	3.2	1		06/18/13 00:05	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	2.0	1		06/18/13 00:05	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1.7	1		06/18/13 00:05	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.4	2.2	1		06/18/13 00:05	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.4	2.8	1		06/18/13 00:05	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	2.1	1		06/18/13 00:05	108-90-7	
Chloroethane	ND	ug/kg	10.9	2.6	1		06/18/13 00:05	75-00-3	
Chloroform	ND	ug/kg	5.4	1.7	1		06/18/13 00:05	67-66-3	
Chloromethane	ND	ug/kg	10.9	2.6	1		06/18/13 00:05	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-25-26 **Lab ID: 92161472005** Collected: 06/12/13 12:10 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.4	1.9	1		06/18/13 00:05	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.4	2.0	1		06/18/13 00:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	3.9	1		06/18/13 00:05	96-12-8	
Dibromochloromethane	ND	ug/kg	5.4	2.0	1		06/18/13 00:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	2.0	1		06/18/13 00:05	106-93-4	
Dibromomethane	ND	ug/kg	5.4	2.7	1		06/18/13 00:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.4	2.1	1		06/18/13 00:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	2.2	1		06/18/13 00:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1.9	1		06/18/13 00:05	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.9	3.9	1		06/18/13 00:05	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.4	1.6	1		06/18/13 00:05	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	2.4	1		06/18/13 00:05	107-06-2	
1,1-Dichloroethene	**53.0**	ug/kg	5.4	2.0	1		06/18/13 00:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1.5	1		06/18/13 00:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	2.1	1		06/18/13 00:05	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1.9	1		06/18/13 00:05	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.4	2.1	1		06/18/13 00:05	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.4	1.9	1		06/18/13 00:05	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.4	1.6	1		06/18/13 00:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	2.0	1		06/18/13 00:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1.6	1		06/18/13 00:05	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.4	1.9	1		06/18/13 00:05	108-20-3	
Ethylbenzene	ND	ug/kg	5.4	2.0	1		06/18/13 00:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	2.2	1		06/18/13 00:05	87-68-3	
2-Hexanone	ND	ug/kg	54.5	4.2	1		06/18/13 00:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	2.1	1		06/18/13 00:05	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1.9	1		06/18/13 00:05	99-87-6	
Methylene Chloride	ND	ug/kg	21.8	3.3	1		06/18/13 00:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	54.5	4.0	1		06/18/13 00:05	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.4	1.6	1		06/18/13 00:05	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1.3	1		06/18/13 00:05	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1.9	1		06/18/13 00:05	103-65-1	
Styrene	ND	ug/kg	5.4	2.0	1		06/18/13 00:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	2.3	1		06/18/13 00:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	2.1	1		06/18/13 00:05	79-34-5	
Tetrachloroethene	**6.7**	ug/kg	5.4	1.9	1		06/18/13 00:05	127-18-4	
Toluene	ND	ug/kg	5.4	2.0	1		06/18/13 00:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	2.4	1		06/18/13 00:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	1.7	1		06/18/13 00:05	120-82-1	
1,1,1-Trichloroethane	**30.2**	ug/kg	5.4	2.0	1		06/18/13 00:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	2.3	1		06/18/13 00:05	79-00-5	
Trichloroethene	**1470**	ug/kg	102	42.9	20		06/18/13 17:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	2.4	1		06/18/13 00:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.4	1.7	1		06/18/13 00:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	2.2	1		06/18/13 00:05	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-25-26 **Lab ID: 92161472005** Collected: 06/12/13 12:10 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	2.0	1		06/18/13 00:05	108-67-8	
Vinyl acetate	ND	ug/kg	54.5	9.6	1		06/18/13 00:05	108-05-4	
Vinyl chloride	ND	ug/kg	10.9	2.0	1		06/18/13 00:05	75-01-4	
Xylene (Total)	ND	ug/kg	10.9	3.9	1		06/18/13 00:05	1330-20-7	
m&p-Xylene	ND	ug/kg	10.9	3.9	1		06/18/13 00:05	179601-23-1	
o-Xylene	ND	ug/kg	5.4	2.1	1		06/18/13 00:05	95-47-6	
Surrogates									
Dibromofluoromethane (S)	108	%	70-130		1		06/18/13 00:05	1868-53-7	
Toluene-d8 (S)	94	%	70-130		1		06/18/13 00:05	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		1		06/18/13 00:05	460-00-4	
1,2-Dichloroethane-d4 (S)	108	%	70-132		1		06/18/13 00:05	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**17.3**	%	0.10	0.10	1		06/18/13 09:42		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.4**	% (w/w)	0.058	0.058	1		06/14/13 17:40		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-0-1 **Lab ID: 92161472006** Collected: 06/12/13 13:20 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Acetone	ND	ug/L	25.0	10.0	1		06/26/13 21:05	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/26/13 21:05	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/26/13 21:05	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/26/13 21:05	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/26/13 21:05	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/26/13 21:05	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/26/13 21:05	74-83-9	
2-Butanone (MEK)	**14.8**	ug/L	5.0	0.96	1		06/26/13 21:05	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/26/13 21:05	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/26/13 21:05	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/26/13 21:05	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/26/13 21:05	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/26/13 21:05	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/26/13 21:05	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/26/13 21:05	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/26/13 21:05	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/26/13 21:05	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/26/13 21:05	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/26/13 21:05	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/26/13 21:05	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/26/13 21:05	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/26/13 21:05	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/26/13 21:05	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/26/13 21:05	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 21:05	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/26/13 21:05	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/26/13 21:05	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/26/13 21:05	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/26/13 21:05	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/26/13 21:05	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/26/13 21:05	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/26/13 21:05	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/26/13 21:05	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/26/13 21:05	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/26/13 21:05	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/26/13 21:05	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/26/13 21:05	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/26/13 21:05	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/26/13 21:05	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/26/13 21:05	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/26/13 21:05	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/26/13 21:05	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/26/13 21:05	99-87-6	
Methylene Chloride	**23.5**	ug/L	2.0	0.97	1		06/26/13 21:05	75-09-2	
4-Methyl-2-pentanone (MIBK)	**4.4J**	ug/L	5.0	0.33	1		06/26/13 21:05	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-0-1 **Lab ID: 92161472006** Collected: 06/12/13 13:20 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/26/13 21:05	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/26/13 21:05	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/26/13 21:05	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/26/13 21:05	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/26/13 21:05	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/26/13 21:05	79-34-5	
Tetrachloroethene	**3.1**	ug/L	1.0	0.46	1		06/26/13 21:05	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/26/13 21:05	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 21:05	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/26/13 21:05	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/26/13 21:05	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/26/13 21:05	79-00-5	
Trichloroethene	**27.0**	ug/L	1.0	0.47	1		06/26/13 21:05	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/26/13 21:05	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/26/13 21:05	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/26/13 21:05	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/26/13 21:05	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/26/13 21:05	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/26/13 21:05	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/26/13 21:05	1330-20-7	
m&p-Xylene	**1.9J**	ug/L	2.0	0.66	1		06/26/13 21:05	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/26/13 21:05	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%			1		06/26/13 21:05	17060-07-0	
Toluene-d8 (S)	99	%			1		06/26/13 21:05	2037-26-5	
4-Bromofluorobenzene (S)	100	%			1		06/26/13 21:05	460-00-4	
Dibromofluoromethane (S)	103	%			1		06/26/13 21:05	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	3020	302	25		06/18/13 17:27	67-64-1	
Benzene	ND	ug/kg	5.6	1.8	1		06/18/13 00:24	71-43-2	
Bromobenzene	ND	ug/kg	5.6	2.3	1		06/18/13 00:24	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1.9	1		06/18/13 00:24	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	2.1	1		06/18/13 00:24	75-27-4	
Bromoform	ND	ug/kg	5.6	2.6	1		06/18/13 00:24	75-25-2	
Bromomethane	ND	ug/kg	11.3	2.8	1		06/18/13 00:24	74-83-9	
2-Butanone (MEK)	**33.4J**	ug/kg	113	3.3	1		06/18/13 00:24	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	2.0	1		06/18/13 00:24	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1.8	1		06/18/13 00:24	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	2.3	1		06/18/13 00:24	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	2.9	1		06/18/13 00:24	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	2.1	1		06/18/13 00:24	108-90-7	
Chloroethane	ND	ug/kg	11.3	2.7	1		06/18/13 00:24	75-00-3	
Chloroform	ND	ug/kg	5.6	1.8	1		06/18/13 00:24	67-66-3	
Chloromethane	ND	ug/kg	11.3	2.7	1		06/18/13 00:24	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-0-1 **Lab ID: 92161472006** Collected: 06/12/13 13:20 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.6	1.9	1		06/18/13 00:24	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	2.0	1		06/18/13 00:24	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	4.1	1		06/18/13 00:24	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	2.0	1		06/18/13 00:24	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	2.0	1		06/18/13 00:24	106-93-4	
Dibromomethane	ND	ug/kg	5.6	2.8	1		06/18/13 00:24	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	2.1	1		06/18/13 00:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	2.3	1		06/18/13 00:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1.9	1		06/18/13 00:24	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.3	4.1	1		06/18/13 00:24	75-71-8	IO
1,1-Dichloroethane	ND	ug/kg	5.6	1.7	1		06/18/13 00:24	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	2.5	1		06/18/13 00:24	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.6	2.0	1		06/18/13 00:24	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.6	1.6	1		06/18/13 00:24	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	2.1	1		06/18/13 00:24	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1.9	1		06/18/13 00:24	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	2.1	1		06/18/13 00:24	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1.9	1		06/18/13 00:24	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1.7	1		06/18/13 00:24	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	2.0	1		06/18/13 00:24	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1.7	1		06/18/13 00:24	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1.9	1		06/18/13 00:24	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	2.0	1		06/18/13 00:24	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	2.3	1		06/18/13 00:24	87-68-3	
2-Hexanone	ND	ug/kg	56.4	4.4	1		06/18/13 00:24	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	2.1	1		06/18/13 00:24	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1.9	1		06/18/13 00:24	99-87-6	
Methylene Chloride	ND	ug/kg	22.6	3.4	1		06/18/13 00:24	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.4	4.2	1		06/18/13 00:24	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1.7	1		06/18/13 00:24	1634-04-4	
Naphthalene	ND	ug/kg	5.6	1.4	1		06/18/13 00:24	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	1.9	1		06/18/13 00:24	103-65-1	
Styrene	ND	ug/kg	5.6	2.0	1		06/18/13 00:24	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	2.4	1		06/18/13 00:24	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	2.1	1		06/18/13 00:24	79-34-5	
Tetrachloroethene	**51.8**	ug/kg	5.6	1.9	1		06/18/13 00:24	127-18-4	
Toluene	ND	ug/kg	5.6	2.0	1		06/18/13 00:24	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	2.5	1		06/18/13 00:24	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1.8	1		06/18/13 00:24	120-82-1	
1,1,1-Trichloroethane	**84.4**	ug/kg	5.6	2.0	1		06/18/13 00:24	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.6	2.4	1		06/18/13 00:24	79-00-5	
Trichloroethene	**1900**	ug/kg	151	63.4	25		06/18/13 17:27	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	2.5	1		06/18/13 00:24	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1.8	1		06/18/13 00:24	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	2.3	1		06/18/13 00:24	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-0-1 **Lab ID: 92161472006** Collected: 06/12/13 13:20 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	2.0	1		06/18/13 00:24	108-67-8	
Vinyl acetate	ND	ug/kg	56.4	9.9	1		06/18/13 00:24	108-05-4	
Vinyl chloride	ND	ug/kg	11.3	2.0	1		06/18/13 00:24	75-01-4	
Xylene (Total)	ND	ug/kg	11.3	4.1	1		06/18/13 00:24	1330-20-7	
m&p-Xylene	ND	ug/kg	11.3	4.1	1		06/18/13 00:24	179601-23-1	
o-Xylene	ND	ug/kg	5.6	2.1	1		06/18/13 00:24	95-47-6	
Surrogates									
Dibromofluoromethane (S)	117	%	70-130		1		06/18/13 00:24	1868-53-7	
Toluene-d8 (S)	89	%	70-130		1		06/18/13 00:24	2037-26-5	
4-Bromofluorobenzene (S)	83	%	70-130		1		06/18/13 00:24	460-00-4	
1,2-Dichloroethane-d4 (S)	116	%	70-132		1		06/18/13 00:24	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.9**	%	0.10	0.10	1		06/18/13 09:42		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**2.4**	% (w/w)	0.058	0.058	1		06/14/13 17:41		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-25-26 **Lab ID: 92161472007** Collected: 06/12/13 13:45 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Acetone	ND	ug/L	25.0	10.0	1		06/26/13 20:02	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/26/13 20:02	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/26/13 20:02	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/26/13 20:02	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/26/13 20:02	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/26/13 20:02	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/26/13 20:02	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/26/13 20:02	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/26/13 20:02	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/26/13 20:02	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/26/13 20:02	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/26/13 20:02	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/26/13 20:02	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/26/13 20:02	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/26/13 20:02	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/26/13 20:02	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/26/13 20:02	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/26/13 20:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/26/13 20:02	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/26/13 20:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/26/13 20:02	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/26/13 20:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/26/13 20:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/26/13 20:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 20:02	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/26/13 20:02	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/26/13 20:02	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/26/13 20:02	107-06-2	
1,1-Dichloroethene	**4.2**	ug/L	1.0	0.56	1		06/26/13 20:02	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/26/13 20:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/26/13 20:02	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/26/13 20:02	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/26/13 20:02	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/26/13 20:02	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/26/13 20:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/26/13 20:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/26/13 20:02	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/26/13 20:02	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/26/13 20:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/26/13 20:02	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/26/13 20:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/26/13 20:02	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/26/13 20:02	99-87-6	
Methylene Chloride	**5.6**	ug/L	2.0	0.97	1		06/26/13 20:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/26/13 20:02	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-25-26 **Lab ID: 92161472007** Collected: 06/12/13 13:45 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/26/13 20:02	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/26/13 20:02	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/26/13 20:02	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/26/13 20:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/26/13 20:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/26/13 20:02	79-34-5	
Tetrachloroethene	**76.9**	ug/L	1.0	0.46	1		06/26/13 20:02	127-18-4	
Toluene	**1.2**	ug/L	1.0	0.26	1		06/26/13 20:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 20:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/26/13 20:02	120-82-1	
1,1,1-Trichloroethane	**331**	ug/L	100	48.0	100		06/27/13 11:58	71-55-6	
1,1,2-Trichloroethane	**2.0**	ug/L	1.0	0.29	1		06/26/13 20:02	79-00-5	
Trichloroethene	**3620**	ug/L	100	47.0	100		06/27/13 11:58	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/26/13 20:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/26/13 20:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/26/13 20:02	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/26/13 20:02	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/26/13 20:02	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/26/13 20:02	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/26/13 20:02	1330-20-7	
m&p-Xylene	**1.9J**	ug/L	2.0	0.66	1		06/26/13 20:02	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/26/13 20:02	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	101	%			1		06/26/13 20:02	17060-07-0	
Toluene-d8 (S)	100	%			1		06/26/13 20:02	2037-26-5	
4-Bromofluorobenzene (S)	103	%			1		06/26/13 20:02	460-00-4	
Dibromofluoromethane (S)	104	%			1		06/26/13 20:02	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**10.6J**	ug/kg	98.1	9.8	1		06/18/13 00:43	67-64-1	
Benzene	ND	ug/kg	4.9	1.6	1		06/18/13 00:43	71-43-2	
Bromobenzene	ND	ug/kg	4.9	2.0	1		06/18/13 00:43	108-86-1	
Bromochloromethane	ND	ug/kg	4.9	1.7	1		06/18/13 00:43	74-97-5	
Bromodichloromethane	ND	ug/kg	4.9	1.9	1		06/18/13 00:43	75-27-4	
Bromoform	ND	ug/kg	4.9	2.3	1		06/18/13 00:43	75-25-2	
Bromomethane	ND	ug/kg	9.8	2.5	1		06/18/13 00:43	74-83-9	
2-Butanone (MEK)	ND	ug/kg	98.1	2.8	1		06/18/13 00:43	78-93-3	
n-Butylbenzene	ND	ug/kg	4.9	1.8	1		06/18/13 00:43	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.9	1.6	1		06/18/13 00:43	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.9	2.0	1		06/18/13 00:43	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.9	2.5	1		06/18/13 00:43	56-23-5	
Chlorobenzene	ND	ug/kg	4.9	1.9	1		06/18/13 00:43	108-90-7	
Chloroethane	ND	ug/kg	9.8	2.4	1		06/18/13 00:43	75-00-3	
Chloroform	ND	ug/kg	4.9	1.6	1		06/18/13 00:43	67-66-3	
Chloromethane	ND	ug/kg	9.8	2.4	1		06/18/13 00:43	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-25-26 **Lab ID: 92161472007** Collected: 06/12/13 13:45 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.9	1.7	1		06/18/13 00:43	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.9	1.8	1		06/18/13 00:43	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.9	3.5	1		06/18/13 00:43	96-12-8	
Dibromochloromethane	ND	ug/kg	4.9	1.8	1		06/18/13 00:43	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.9	1.8	1		06/18/13 00:43	106-93-4	
Dibromomethane	ND	ug/kg	4.9	2.5	1		06/18/13 00:43	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.9	1.9	1		06/18/13 00:43	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.9	2.0	1		06/18/13 00:43	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.9	1.7	1		06/18/13 00:43	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.8	3.5	1		06/18/13 00:43	75-71-8	
1,1-Dichloroethane	**2.4J**	ug/kg	4.9	1.5	1		06/18/13 00:43	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.9	2.2	1		06/18/13 00:43	107-06-2	
1,1-Dichloroethene	**262**	ug/kg	4.9	1.8	1		06/18/13 00:43	75-35-4	E
cis-1,2-Dichloroethene	**9.3**	ug/kg	4.9	1.4	1		06/18/13 00:43	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.9	1.9	1		06/18/13 00:43	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.9	1.7	1		06/18/13 00:43	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.9	1.9	1		06/18/13 00:43	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.9	1.7	1		06/18/13 00:43	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.9	1.5	1		06/18/13 00:43	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.9	1.8	1		06/18/13 00:43	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.9	1.5	1		06/18/13 00:43	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.9	1.7	1		06/18/13 00:43	108-20-3	
Ethylbenzene	ND	ug/kg	4.9	1.8	1		06/18/13 00:43	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.9	2.0	1		06/18/13 00:43	87-68-3	
2-Hexanone	ND	ug/kg	49.0	3.8	1		06/18/13 00:43	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.9	1.9	1		06/18/13 00:43	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.9	1.7	1		06/18/13 00:43	99-87-6	
Methylene Chloride	ND	ug/kg	19.6	2.9	1		06/18/13 00:43	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	49.0	3.6	1		06/18/13 00:43	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.9	1.5	1		06/18/13 00:43	1634-04-4	
Naphthalene	ND	ug/kg	4.9	1.2	1		06/18/13 00:43	91-20-3	
n-Propylbenzene	ND	ug/kg	4.9	1.7	1		06/18/13 00:43	103-65-1	
Styrene	ND	ug/kg	4.9	1.8	1		06/18/13 00:43	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.9	2.1	1		06/18/13 00:43	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.9	1.9	1		06/18/13 00:43	79-34-5	
Tetrachloroethene	**65.2**	ug/kg	4.9	1.7	1		06/18/13 00:43	127-18-4	
Toluene	ND	ug/kg	4.9	1.8	1		06/18/13 00:43	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.9	2.2	1		06/18/13 00:43	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.9	1.6	1		06/18/13 00:43	120-82-1	
1,1,1-Trichloroethane	**295**	ug/kg	4.9	1.8	1		06/18/13 00:43	71-55-6	E
1,1,2-Trichloroethane	ND	ug/kg	4.9	2.1	1		06/18/13 00:43	79-00-5	
Trichloroethene	**14600**	ug/kg	2560	1070	500		06/18/13 17:46	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.9	2.2	1		06/18/13 00:43	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.9	1.6	1		06/18/13 00:43	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.9	2.0	1		06/18/13 00:43	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-25-26 **Lab ID: 92161472007** Collected: 06/12/13 13:45 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.9	1.8	1		06/18/13 00:43	108-67-8	
Vinyl acetate	ND	ug/kg	49.0	8.6	1		06/18/13 00:43	108-05-4	
Vinyl chloride	ND	ug/kg	9.8	1.8	1		06/18/13 00:43	75-01-4	
Xylene (Total)	ND	ug/kg	9.8	3.5	1		06/18/13 00:43	1330-20-7	
m&p-Xylene	ND	ug/kg	9.8	3.5	1		06/18/13 00:43	179601-23-1	
o-Xylene	ND	ug/kg	4.9	1.9	1		06/18/13 00:43	95-47-6	
Surrogates									
Dibromofluoromethane (S)	124	%	70-130		1		06/18/13 00:43	1868-53-7	
Toluene-d8 (S)	82	%	70-130		1		06/18/13 00:43	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		06/18/13 00:43	460-00-4	
1,2-Dichloroethane-d4 (S)	123	%	70-132		1		06/18/13 00:43	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**21.1**	%	0.10	0.10	1		06/19/13 08:58		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.2**	% (w/w)	0.058	0.058	1		06/14/13 17:42		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: Dup-1 **Lab ID: 92161472008** Collected: 06/12/13 13:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Acetone	**23.1J**	ug/L	25.0	10.0	1		06/27/13 10:22	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/27/13 10:22	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/27/13 10:22	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/27/13 10:22	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/27/13 10:22	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/27/13 10:22	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/27/13 10:22	74-83-9	
2-Butanone (MEK)	**19.5**	ug/L	5.0	0.96	1		06/27/13 10:22	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/27/13 10:22	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/27/13 10:22	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/27/13 10:22	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/27/13 10:22	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/27/13 10:22	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/27/13 10:22	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/27/13 10:22	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/27/13 10:22	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/27/13 10:22	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/27/13 10:22	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/27/13 10:22	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/27/13 10:22	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/27/13 10:22	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/27/13 10:22	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/27/13 10:22	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/27/13 10:22	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/27/13 10:22	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/27/13 10:22	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/27/13 10:22	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/27/13 10:22	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/27/13 10:22	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/27/13 10:22	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/27/13 10:22	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/27/13 10:22	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/27/13 10:22	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/27/13 10:22	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/27/13 10:22	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/27/13 10:22	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/27/13 10:22	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/27/13 10:22	108-20-3	
Ethylbenzene	**4.6**	ug/L	1.0	0.30	1		06/27/13 10:22	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/27/13 10:22	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/27/13 10:22	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/27/13 10:22	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/27/13 10:22	99-87-6	
Methylene Chloride	**5.4**	ug/L	2.0	0.97	1		06/27/13 10:22	75-09-2	
4-Methyl-2-pentanone (MIBK)	**84.5**	ug/L	5.0	0.33	1		06/27/13 10:22	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: Dup-1 **Lab ID: 92161472008** Collected: 06/12/13 13:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/21/13 13:08								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/27/13 10:22	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/27/13 10:22	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/27/13 10:22	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/27/13 10:22	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/27/13 10:22	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/27/13 10:22	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/27/13 10:22	127-18-4	
Toluene	**3.9**	ug/L	1.0	0.26	1		06/27/13 10:22	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/27/13 10:22	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/27/13 10:22	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/27/13 10:22	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/27/13 10:22	79-00-5	
Trichloroethene	**5.9**	ug/L	1.0	0.47	1		06/27/13 10:22	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/27/13 10:22	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/27/13 10:22	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/27/13 10:22	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/27/13 10:22	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/27/13 10:22	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/27/13 10:22	75-01-4	
Xylene (Total)	**34.9**	ug/L	2.0	0.66	1		06/27/13 10:22	1330-20-7	
m&p-Xylene	**24.5**	ug/L	2.0	0.66	1		06/27/13 10:22	179601-23-1	
o-Xylene	**10.4**	ug/L	1.0	0.23	1		06/27/13 10:22	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%			1		06/27/13 10:22	17060-07-0	
Toluene-d8 (S)	96	%			1		06/27/13 10:22	2037-26-5	
4-Bromofluorobenzene (S)	103	%			1		06/27/13 10:22	460-00-4	
Dibromofluoromethane (S)	94	%			1		06/27/13 10:22	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**26.4J**	ug/kg	117	11.7	1		06/18/13 01:02	67-64-1	
Benzene	ND	ug/kg	5.9	1.9	1		06/18/13 01:02	71-43-2	
Bromobenzene	ND	ug/kg	5.9	2.3	1		06/18/13 01:02	108-86-1	
Bromochloromethane	ND	ug/kg	5.9	2.0	1		06/18/13 01:02	74-97-5	
Bromodichloromethane	ND	ug/kg	5.9	2.2	1		06/18/13 01:02	75-27-4	
Bromoform	ND	ug/kg	5.9	2.7	1		06/18/13 01:02	75-25-2	
Bromomethane	ND	ug/kg	11.7	2.9	1		06/18/13 01:02	74-83-9	
2-Butanone (MEK)	ND	ug/kg	117	3.4	1		06/18/13 01:02	78-93-3	
n-Butylbenzene	ND	ug/kg	5.9	2.1	1		06/18/13 01:02	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.9	1.9	1		06/18/13 01:02	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.9	2.3	1		06/18/13 01:02	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.9	3.1	1		06/18/13 01:02	56-23-5	
Chlorobenzene	ND	ug/kg	5.9	2.2	1		06/18/13 01:02	108-90-7	
Chloroethane	ND	ug/kg	11.7	2.8	1		06/18/13 01:02	75-00-3	
Chloroform	**4.2J**	ug/kg	5.9	1.9	1		06/18/13 01:02	67-66-3	
Chloromethane	ND	ug/kg	11.7	2.8	1		06/18/13 01:02	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: Dup-1 **Lab ID: 92161472008** Collected: 06/12/13 13:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.9	2.0	1		06/18/13 01:02	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.9	2.1	1		06/18/13 01:02	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.9	4.2	1		06/18/13 01:02	96-12-8	
Dibromochloromethane	ND	ug/kg	5.9	2.1	1		06/18/13 01:02	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.9	2.1	1		06/18/13 01:02	106-93-4	
Dibromomethane	ND	ug/kg	5.9	2.9	1		06/18/13 01:02	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.9	2.2	1		06/18/13 01:02	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.9	2.3	1		06/18/13 01:02	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.9	2.0	1		06/18/13 01:02	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.7	4.2	1		06/18/13 01:02	75-71-8	
1,1-Dichloroethane	**5.6J**	ug/kg	5.9	1.8	1		06/18/13 01:02	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.9	2.6	1		06/18/13 01:02	107-06-2	
1,1-Dichloroethene	**772**	ug/kg	5.9	2.1	1		06/18/13 01:02	75-35-4	E
cis-1,2-Dichloroethene	**27.8**	ug/kg	5.9	1.6	1		06/18/13 01:02	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.9	2.2	1		06/18/13 01:02	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.9	2.0	1		06/18/13 01:02	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.9	2.2	1		06/18/13 01:02	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.9	2.0	1		06/18/13 01:02	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.9	1.8	1		06/18/13 01:02	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.9	2.1	1		06/18/13 01:02	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.9	1.8	1		06/18/13 01:02	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.9	2.0	1		06/18/13 01:02	108-20-3	
Ethylbenzene	ND	ug/kg	5.9	2.1	1		06/18/13 01:02	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.9	2.3	1		06/18/13 01:02	87-68-3	
2-Hexanone	ND	ug/kg	58.7	4.6	1		06/18/13 01:02	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.9	2.2	1		06/18/13 01:02	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.9	2.0	1		06/18/13 01:02	99-87-6	
Methylene Chloride	ND	ug/kg	23.5	3.5	1		06/18/13 01:02	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	58.7	4.3	1		06/18/13 01:02	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.9	1.8	1		06/18/13 01:02	1634-04-4	
Naphthalene	ND	ug/kg	5.9	1.4	1		06/18/13 01:02	91-20-3	
n-Propylbenzene	ND	ug/kg	5.9	2.0	1		06/18/13 01:02	103-65-1	
Styrene	ND	ug/kg	5.9	2.1	1		06/18/13 01:02	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.9	2.5	1		06/18/13 01:02	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.9	2.2	1		06/18/13 01:02	79-34-5	
Tetrachloroethene	**205**	ug/kg	5.9	2.0	1		06/18/13 01:02	127-18-4	
Toluene	ND	ug/kg	5.9	2.1	1		06/18/13 01:02	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.9	2.6	1		06/18/13 01:02	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.9	1.9	1		06/18/13 01:02	120-82-1	
1,1,1-Trichloroethane	**931**	ug/kg	5.9	2.1	1		06/18/13 01:02	71-55-6	E
1,1,2-Trichloroethane	**3.3J**	ug/kg	5.9	2.5	1		06/18/13 01:02	79-00-5	
Trichloroethene	**8280**	ug/kg	1100	461	250		06/19/13 16:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.9	2.6	1		06/18/13 01:02	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.9	1.9	1		06/18/13 01:02	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.9	2.3	1		06/18/13 01:02	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: Dup-1 **Lab ID: 92161472008** Collected: 06/12/13 13:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.9	2.1	1		06/18/13 01:02	108-67-8	
Vinyl acetate	ND	ug/kg	58.7	10.3	1		06/18/13 01:02	108-05-4	
Vinyl chloride	ND	ug/kg	11.7	2.1	1		06/18/13 01:02	75-01-4	
Xylene (Total)	ND	ug/kg	11.7	4.2	1		06/18/13 01:02	1330-20-7	
m&p-Xylene	ND	ug/kg	11.7	4.2	1		06/18/13 01:02	179601-23-1	
o-Xylene	ND	ug/kg	5.9	2.2	1		06/18/13 01:02	95-47-6	
Surrogates									
Dibromofluoromethane (S)	123	%	70-130		1		06/18/13 01:02	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/18/13 01:02	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		06/18/13 01:02	460-00-4	
1,2-Dichloroethane-d4 (S)	125	%	70-132		1		06/18/13 01:02	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.7**	%	0.10	0.10	1		06/19/13 08:58		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.5**	% (w/w)	0.058	0.058	1		06/14/13 17:43		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-5-6 **Lab ID: 92161472009** Collected: 06/12/13 14:25 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Acetone	ND	ug/L	25.0	10.0	1		06/26/13 18:59	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/26/13 18:59	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/26/13 18:59	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/26/13 18:59	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/26/13 18:59	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/26/13 18:59	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/26/13 18:59	74-83-9	
2-Butanone (MEK)	**15.3**	ug/L	5.0	0.96	1		06/26/13 18:59	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/26/13 18:59	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/26/13 18:59	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/26/13 18:59	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/26/13 18:59	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/26/13 18:59	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/26/13 18:59	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/26/13 18:59	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/26/13 18:59	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/26/13 18:59	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/26/13 18:59	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/26/13 18:59	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/26/13 18:59	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/26/13 18:59	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/26/13 18:59	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/26/13 18:59	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/26/13 18:59	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 18:59	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/26/13 18:59	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/26/13 18:59	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/26/13 18:59	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/26/13 18:59	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/26/13 18:59	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/26/13 18:59	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/26/13 18:59	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/26/13 18:59	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/26/13 18:59	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/26/13 18:59	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/26/13 18:59	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/26/13 18:59	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/26/13 18:59	108-20-3	
Ethylbenzene	**5.0**	ug/L	1.0	0.30	1		06/26/13 18:59	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/26/13 18:59	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/26/13 18:59	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/26/13 18:59	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/26/13 18:59	99-87-6	
Methylene Chloride	**123**	ug/L	2.0	0.97	1		06/26/13 18:59	75-09-2	
4-Methyl-2-pentanone (MIBK)	**59.5**	ug/L	5.0	0.33	1		06/26/13 18:59	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-5-6 **Lab ID: 92161472009** Collected: 06/12/13 14:25 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/26/13 18:59	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/26/13 18:59	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/26/13 18:59	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/26/13 18:59	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/26/13 18:59	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/26/13 18:59	79-34-5	
Tetrachloroethene	**1.2**	ug/L	1.0	0.46	1		06/26/13 18:59	127-18-4	
Toluene	**4.8**	ug/L	1.0	0.26	1		06/26/13 18:59	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 18:59	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/26/13 18:59	120-82-1	
1,1,1-Trichloroethane	**3.6**	ug/L	1.0	0.48	1		06/26/13 18:59	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/26/13 18:59	79-00-5	
Trichloroethene	**81.5**	ug/L	1.0	0.47	1		06/26/13 18:59	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/26/13 18:59	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/26/13 18:59	96-18-4	
1,2,4-Trimethylbenzene	**1.4**	ug/L	1.0	0.31	1		06/26/13 18:59	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/26/13 18:59	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/26/13 18:59	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/26/13 18:59	75-01-4	
Xylene (Total)	**34.7**	ug/L	2.0	0.66	1		06/26/13 18:59	1330-20-7	
m&p-Xylene	**25.2**	ug/L	2.0	0.66	1		06/26/13 18:59	179601-23-1	
o-Xylene	**9.5**	ug/L	1.0	0.23	1		06/26/13 18:59	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	103	%			1		06/26/13 18:59	17060-07-0	
Toluene-d8 (S)	97	%			1		06/26/13 18:59	2037-26-5	
4-Bromofluorobenzene (S)	100	%			1		06/26/13 18:59	460-00-4	
Dibromofluoromethane (S)	103	%			1		06/26/13 18:59	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**221**	ug/kg	139	13.9	1		06/18/13 01:20	67-64-1	A+
Benzene	ND	ug/kg	6.9	2.2	1		06/18/13 01:20	71-43-2	
Bromobenzene	ND	ug/kg	6.9	2.8	1		06/18/13 01:20	108-86-1	
Bromochloromethane	ND	ug/kg	6.9	2.4	1		06/18/13 01:20	74-97-5	
Bromodichloromethane	ND	ug/kg	6.9	2.6	1		06/18/13 01:20	75-27-4	
Bromoform	ND	ug/kg	6.9	3.2	1		06/18/13 01:20	75-25-2	
Bromomethane	ND	ug/kg	13.9	3.5	1		06/18/13 01:20	74-83-9	
2-Butanone (MEK)	ND	ug/kg	139	4.0	1		06/18/13 01:20	78-93-3	
n-Butylbenzene	ND	ug/kg	6.9	2.5	1		06/18/13 01:20	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.9	2.2	1		06/18/13 01:20	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.9	2.8	1		06/18/13 01:20	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.9	3.6	1		06/18/13 01:20	56-23-5	
Chlorobenzene	ND	ug/kg	6.9	2.6	1		06/18/13 01:20	108-90-7	
Chloroethane	ND	ug/kg	13.9	3.3	1		06/18/13 01:20	75-00-3	
Chloroform	**33.4**	ug/kg	6.9	2.2	1		06/18/13 01:20	67-66-3	
Chloromethane	ND	ug/kg	13.9	3.3	1		06/18/13 01:20	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-5-6 **Lab ID: 92161472009** Collected: 06/12/13 14:25 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	6.9	2.4	1		06/18/13 01:20	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.9	2.5	1		06/18/13 01:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.9	5.0	1		06/18/13 01:20	96-12-8	
Dibromochloromethane	ND	ug/kg	6.9	2.5	1		06/18/13 01:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.9	2.5	1		06/18/13 01:20	106-93-4	
Dibromomethane	ND	ug/kg	6.9	3.5	1		06/18/13 01:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.9	2.6	1		06/18/13 01:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.9	2.8	1		06/18/13 01:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.9	2.4	1		06/18/13 01:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.9	5.0	1		06/18/13 01:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.9	2.1	1		06/18/13 01:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.9	3.1	1		06/18/13 01:20	107-06-2	
1,1-Dichloroethene	**80.1**	ug/kg	6.9	2.5	1		06/18/13 01:20	75-35-4	
cis-1,2-Dichloroethene	**4.6J**	ug/kg	6.9	1.9	1		06/18/13 01:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.9	2.6	1		06/18/13 01:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.9	2.4	1		06/18/13 01:20	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.9	2.6	1		06/18/13 01:20	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.9	2.4	1		06/18/13 01:20	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.9	2.1	1		06/18/13 01:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.9	2.5	1		06/18/13 01:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.9	2.1	1		06/18/13 01:20	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.9	2.4	1		06/18/13 01:20	108-20-3	
Ethylbenzene	ND	ug/kg	6.9	2.5	1		06/18/13 01:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.9	2.8	1		06/18/13 01:20	87-68-3	
2-Hexanone	ND	ug/kg	69.4	5.4	1		06/18/13 01:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.9	2.6	1		06/18/13 01:20	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.9	2.4	1		06/18/13 01:20	99-87-6	
Methylene Chloride	ND	ug/kg	27.7	4.2	1		06/18/13 01:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	69.4	5.1	1		06/18/13 01:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.9	2.1	1		06/18/13 01:20	1634-04-4	
Naphthalene	ND	ug/kg	6.9	1.7	1		06/18/13 01:20	91-20-3	
n-Propylbenzene	ND	ug/kg	6.9	2.4	1		06/18/13 01:20	103-65-1	
Styrene	ND	ug/kg	6.9	2.5	1		06/18/13 01:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.9	2.9	1		06/18/13 01:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.9	2.6	1		06/18/13 01:20	79-34-5	
Tetrachloroethene	**108**	ug/kg	6.9	2.4	1		06/18/13 01:20	127-18-4	
Toluene	ND	ug/kg	6.9	2.5	1		06/18/13 01:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.9	3.1	1		06/18/13 01:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.9	2.2	1		06/18/13 01:20	120-82-1	
1,1,1-Trichloroethane	**569**	ug/kg	6.9	2.5	1		06/18/13 01:20	71-55-6	E
1,1,2-Trichloroethane	ND	ug/kg	6.9	2.9	1		06/18/13 01:20	79-00-5	
Trichloroethene	**6250**	ug/kg	1590	668	250		06/18/13 18:24	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.9	3.1	1		06/18/13 01:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.9	2.2	1		06/18/13 01:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.9	2.8	1		06/18/13 01:20	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-5-6 **Lab ID: 92161472009** Collected: 06/12/13 14:25 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	6.9	2.5	1		06/18/13 01:20	108-67-8	
Vinyl acetate	ND	ug/kg	69.4	12.2	1		06/18/13 01:20	108-05-4	
Vinyl chloride	ND	ug/kg	13.9	2.5	1		06/18/13 01:20	75-01-4	
Xylene (Total)	ND	ug/kg	13.9	5.0	1		06/18/13 01:20	1330-20-7	
m&p-Xylene	ND	ug/kg	13.9	5.0	1		06/18/13 01:20	179601-23-1	
o-Xylene	ND	ug/kg	6.9	2.6	1		06/18/13 01:20	95-47-6	
Surrogates									
Dibromofluoromethane (S)	118	%	70-130		1		06/18/13 01:20	1868-53-7	
Toluene-d8 (S)	78	%	70-130		1		06/18/13 01:20	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		06/18/13 01:20	460-00-4	
1,2-Dichloroethane-d4 (S)	111	%	70-132		1		06/18/13 01:20	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**28.1**	%	0.10	0.10	1		06/19/13 08:58		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**2.8**	% (w/w)	0.058	0.058	1		06/14/13 17:45		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: Dup-2 **Lab ID: 92161472010** Collected: 06/12/13 14:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Acetone	ND	ug/L	125	50.0	5		06/26/13 21:21	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/26/13 21:21	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/26/13 21:21	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/26/13 21:21	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/26/13 21:21	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/26/13 21:21	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/26/13 21:21	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/26/13 21:21	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 21:21	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/26/13 21:21	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 21:21	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/26/13 21:21	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 21:21	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/26/13 21:21	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/26/13 21:21	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/26/13 21:21	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/26/13 21:21	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/26/13 21:21	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/26/13 21:21	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/26/13 21:21	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/26/13 21:21	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/26/13 21:21	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/26/13 21:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 21:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 21:21	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 21:21	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/26/13 21:21	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/26/13 21:21	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/26/13 21:21	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/26/13 21:21	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 21:21	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 21:21	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 21:21	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/26/13 21:21	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/26/13 21:21	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/26/13 21:21	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/26/13 21:21	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/26/13 21:21	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/26/13 21:21	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/26/13 21:21	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/26/13 21:21	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/26/13 21:21	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/26/13 21:21	99-87-6	
Methylene Chloride	**21.0**	ug/L	10.0	4.8	5		06/26/13 21:21	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/26/13 21:21	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: Dup-2 **Lab ID: 92161472010** Collected: 06/12/13 14:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/26/13 21:21	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/26/13 21:21	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/26/13 21:21	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/26/13 21:21	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/26/13 21:21	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/26/13 21:21	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/26/13 21:21	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/26/13 21:21	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 21:21	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/26/13 21:21	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/26/13 21:21	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/26/13 21:21	79-00-5	
Trichloroethene	**105**	ug/L	5.0	2.4	5		06/26/13 21:21	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 21:21	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/26/13 21:21	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/26/13 21:21	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/26/13 21:21	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/26/13 21:21	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/26/13 21:21	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/26/13 21:21	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/26/13 21:21	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/26/13 21:21	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	102	%			5		06/26/13 21:21	17060-07-0	
Toluene-d8 (S)	98	%			5		06/26/13 21:21	2037-26-5	
4-Bromofluorobenzene (S)	99	%			5		06/26/13 21:21	460-00-4	
Dibromofluoromethane (S)	101	%			5		06/26/13 21:21	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**26.0J**	ug/kg	122	12.2	1		06/18/13 01:39	67-64-1	
Benzene	ND	ug/kg	6.1	2.0	1		06/18/13 01:39	71-43-2	
Bromobenzene	ND	ug/kg	6.1	2.4	1		06/18/13 01:39	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	2.1	1		06/18/13 01:39	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	2.3	1		06/18/13 01:39	75-27-4	
Bromoform	ND	ug/kg	6.1	2.8	1		06/18/13 01:39	75-25-2	
Bromomethane	ND	ug/kg	12.2	3.1	1		06/18/13 01:39	74-83-9	
2-Butanone (MEK)	ND	ug/kg	122	3.5	1		06/18/13 01:39	78-93-3	
n-Butylbenzene	ND	ug/kg	6.1	2.2	1		06/18/13 01:39	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.1	2.0	1		06/18/13 01:39	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	2.4	1		06/18/13 01:39	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.1	3.2	1		06/18/13 01:39	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	2.3	1		06/18/13 01:39	108-90-7	
Chloroethane	ND	ug/kg	12.2	2.9	1		06/18/13 01:39	75-00-3	
Chloroform	ND	ug/kg	6.1	2.0	1		06/18/13 01:39	67-66-3	
Chloromethane	ND	ug/kg	12.2	2.9	1		06/18/13 01:39	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: Dup-2 **Lab ID: 92161472010** Collected: 06/12/13 14:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	6.1	2.1	1		06/18/13 01:39	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	2.2	1		06/18/13 01:39	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	4.4	1		06/18/13 01:39	96-12-8	
Dibromochloromethane	ND	ug/kg	6.1	2.2	1		06/18/13 01:39	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	2.2	1		06/18/13 01:39	106-93-4	
Dibromomethane	ND	ug/kg	6.1	3.1	1		06/18/13 01:39	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	2.3	1		06/18/13 01:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	2.4	1		06/18/13 01:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	2.1	1		06/18/13 01:39	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.2	4.4	1		06/18/13 01:39	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1.8	1		06/18/13 01:39	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	2.7	1		06/18/13 01:39	107-06-2	
1,1-Dichloroethene	**179**	ug/kg	6.1	2.2	1		06/18/13 01:39	75-35-4	
cis-1,2-Dichloroethene	**13.7**	ug/kg	6.1	1.7	1		06/18/13 01:39	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	2.3	1		06/18/13 01:39	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	2.1	1		06/18/13 01:39	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	2.3	1		06/18/13 01:39	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	2.1	1		06/18/13 01:39	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.1	1.8	1		06/18/13 01:39	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	2.2	1		06/18/13 01:39	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1.8	1		06/18/13 01:39	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.1	2.1	1		06/18/13 01:39	108-20-3	
Ethylbenzene	ND	ug/kg	6.1	2.2	1		06/18/13 01:39	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	2.4	1		06/18/13 01:39	87-68-3	
2-Hexanone	ND	ug/kg	61.2	4.8	1		06/18/13 01:39	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.1	2.3	1		06/18/13 01:39	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.1	2.1	1		06/18/13 01:39	99-87-6	
Methylene Chloride	ND	ug/kg	24.5	3.7	1		06/18/13 01:39	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	61.2	4.5	1		06/18/13 01:39	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1.8	1		06/18/13 01:39	1634-04-4	
Naphthalene	ND	ug/kg	6.1	1.5	1		06/18/13 01:39	91-20-3	
n-Propylbenzene	ND	ug/kg	6.1	2.1	1		06/18/13 01:39	103-65-1	
Styrene	ND	ug/kg	6.1	2.2	1		06/18/13 01:39	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	2.6	1		06/18/13 01:39	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	2.3	1		06/18/13 01:39	79-34-5	
Tetrachloroethene	**80.0**	ug/kg	6.1	2.1	1		06/18/13 01:39	127-18-4	
Toluene	ND	ug/kg	6.1	2.2	1		06/18/13 01:39	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	2.7	1		06/18/13 01:39	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	2.0	1		06/18/13 01:39	120-82-1	
1,1,1-Trichloroethane	**511**	ug/kg	6.1	2.2	1		06/18/13 01:39	71-55-6	E
1,1,2-Trichloroethane	ND	ug/kg	6.1	2.6	1		06/18/13 01:39	79-00-5	
Trichloroethene	**12500**	ug/kg	2470	1040	500		06/18/13 18:42	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	2.7	1		06/18/13 01:39	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	2.0	1		06/18/13 01:39	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.1	2.4	1		06/18/13 01:39	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: Dup-2 **Lab ID: 92161472010** Collected: 06/12/13 14:50 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	6.1	2.2	1		06/18/13 01:39	108-67-8	
Vinyl acetate	ND	ug/kg	61.2	10.8	1		06/18/13 01:39	108-05-4	
Vinyl chloride	ND	ug/kg	12.2	2.2	1		06/18/13 01:39	75-01-4	
Xylene (Total)	ND	ug/kg	12.2	4.4	1		06/18/13 01:39	1330-20-7	
m&p-Xylene	ND	ug/kg	12.2	4.4	1		06/18/13 01:39	179601-23-1	
o-Xylene	ND	ug/kg	6.1	2.3	1		06/18/13 01:39	95-47-6	
Surrogates									
Dibromofluoromethane (S)	120	%	70-130		1		06/18/13 01:39	1868-53-7	
Toluene-d8 (S)	81	%	70-130		1		06/18/13 01:39	2037-26-5	
4-Bromofluorobenzene (S)	88	%	70-130		1		06/18/13 01:39	460-00-4	
1,2-Dichloroethane-d4 (S)	120	%	70-132		1		06/18/13 01:39	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**22.8**	%	0.10	0.10	1		06/19/13 08:58		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.4**	% (w/w)	0.058	0.058	1		06/14/13 17:46		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-0-1 **Lab ID: 92161472011** Collected: 06/12/13 15:30 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Acetone	ND	ug/L	125	50.0	5		06/26/13 21:37	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/26/13 21:37	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/26/13 21:37	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/26/13 21:37	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/26/13 21:37	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/26/13 21:37	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/26/13 21:37	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/26/13 21:37	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 21:37	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/26/13 21:37	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 21:37	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/26/13 21:37	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 21:37	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/26/13 21:37	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/26/13 21:37	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/26/13 21:37	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/26/13 21:37	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/26/13 21:37	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/26/13 21:37	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/26/13 21:37	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/26/13 21:37	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/26/13 21:37	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/26/13 21:37	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 21:37	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 21:37	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 21:37	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/26/13 21:37	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/26/13 21:37	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/26/13 21:37	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/26/13 21:37	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 21:37	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 21:37	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 21:37	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/26/13 21:37	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/26/13 21:37	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/26/13 21:37	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/26/13 21:37	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/26/13 21:37	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/26/13 21:37	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/26/13 21:37	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/26/13 21:37	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/26/13 21:37	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/26/13 21:37	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/26/13 21:37	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/26/13 21:37	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-0-1 **Lab ID: 92161472011** Collected: 06/12/13 15:30 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/26/13 21:37	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/26/13 21:37	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/26/13 21:37	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/26/13 21:37	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/26/13 21:37	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/26/13 21:37	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/26/13 21:37	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/26/13 21:37	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 21:37	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/26/13 21:37	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/26/13 21:37	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/26/13 21:37	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 21:37	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 21:37	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/26/13 21:37	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/26/13 21:37	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/26/13 21:37	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/26/13 21:37	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/26/13 21:37	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/26/13 21:37	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/26/13 21:37	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/26/13 21:37	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	114	%			5		06/26/13 21:37	17060-07-0	
Toluene-d8 (S)	98	%			5		06/26/13 21:37	2037-26-5	
4-Bromofluorobenzene (S)	105	%			5		06/26/13 21:37	460-00-4	
Dibromofluoromethane (S)	99	%			5		06/26/13 21:37	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**1130**	ug/kg	135	13.5	1		06/18/13 21:32	67-64-1	E
Benzene	ND	ug/kg	6.7	2.2	1		06/18/13 21:32	71-43-2	
Bromobenzene	ND	ug/kg	6.7	2.7	1		06/18/13 21:32	108-86-1	
Bromochloromethane	ND	ug/kg	6.7	2.3	1		06/18/13 21:32	74-97-5	
Bromodichloromethane	ND	ug/kg	6.7	2.6	1		06/18/13 21:32	75-27-4	
Bromoform	ND	ug/kg	6.7	3.1	1		06/18/13 21:32	75-25-2	
Bromomethane	ND	ug/kg	13.5	3.4	1		06/18/13 21:32	74-83-9	
2-Butanone (MEK)	**37.0J**	ug/kg	135	3.9	1		06/18/13 21:32	78-93-3	
n-Butylbenzene	ND	ug/kg	6.7	2.4	1		06/18/13 21:32	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.7	2.2	1		06/18/13 21:32	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.7	2.7	1		06/18/13 21:32	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.7	3.5	1		06/18/13 21:32	56-23-5	
Chlorobenzene	ND	ug/kg	6.7	2.6	1		06/18/13 21:32	108-90-7	
Chloroethane	ND	ug/kg	13.5	3.2	1		06/18/13 21:32	75-00-3	
Chloroform	ND	ug/kg	6.7	2.2	1		06/18/13 21:32	67-66-3	
Chloromethane	ND	ug/kg	13.5	3.2	1		06/18/13 21:32	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-0-1 **Lab ID: 92161472011** Collected: 06/12/13 15:30 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	6.7	2.3	1		06/18/13 21:32	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.7	2.4	1		06/18/13 21:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.7	4.9	1		06/18/13 21:32	96-12-8	
Dibromochloromethane	ND	ug/kg	6.7	2.4	1		06/18/13 21:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.7	2.4	1		06/18/13 21:32	106-93-4	
Dibromomethane	ND	ug/kg	6.7	3.4	1		06/18/13 21:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.7	2.6	1		06/18/13 21:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.7	2.7	1		06/18/13 21:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.7	2.3	1		06/18/13 21:32	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.5	4.9	1		06/18/13 21:32	75-71-8	IO
1,1-Dichloroethane	ND	ug/kg	6.7	2.0	1		06/18/13 21:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.7	3.0	1		06/18/13 21:32	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.7	2.4	1		06/18/13 21:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.7	1.9	1		06/18/13 21:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.7	2.6	1		06/18/13 21:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.7	2.3	1		06/18/13 21:32	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.7	2.6	1		06/18/13 21:32	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.7	2.3	1		06/18/13 21:32	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.7	2.0	1		06/18/13 21:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.7	2.4	1		06/18/13 21:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.7	2.0	1		06/18/13 21:32	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.7	2.3	1		06/18/13 21:32	108-20-3	
Ethylbenzene	ND	ug/kg	6.7	2.4	1		06/18/13 21:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.7	2.7	1		06/18/13 21:32	87-68-3	
2-Hexanone	ND	ug/kg	67.5	5.3	1		06/18/13 21:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.7	2.6	1		06/18/13 21:32	98-82-8	
p-Isopropyltoluene	**10.7**	ug/kg	6.7	2.3	1		06/18/13 21:32	99-87-6	
Methylene Chloride	ND	ug/kg	27.0	4.0	1		06/18/13 21:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	67.5	5.0	1		06/18/13 21:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.7	2.0	1		06/18/13 21:32	1634-04-4	
Naphthalene	ND	ug/kg	6.7	1.6	1		06/18/13 21:32	91-20-3	
n-Propylbenzene	ND	ug/kg	6.7	2.3	1		06/18/13 21:32	103-65-1	
Styrene	ND	ug/kg	6.7	2.4	1		06/18/13 21:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.7	2.8	1		06/18/13 21:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.7	2.6	1		06/18/13 21:32	79-34-5	
Tetrachloroethene	ND	ug/kg	6.7	2.3	1		06/18/13 21:32	127-18-4	
Toluene	**12.2**	ug/kg	6.7	2.4	1		06/18/13 21:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.7	3.0	1		06/18/13 21:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.7	2.2	1		06/18/13 21:32	120-82-1	
1,1,1-Trichloroethane	**11.1**	ug/kg	6.7	2.4	1		06/18/13 21:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.7	2.8	1		06/18/13 21:32	79-00-5	
Trichloroethene	**39.1**	ug/kg	6.7	2.8	1		06/18/13 21:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.7	3.0	1		06/18/13 21:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.7	2.2	1		06/18/13 21:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.7	2.7	1		06/18/13 21:32	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-0-1 **Lab ID: 92161472011** Collected: 06/12/13 15:30 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	6.7	2.4	1		06/18/13 21:32	108-67-8	
Vinyl acetate	ND	ug/kg	67.5	11.9	1		06/18/13 21:32	108-05-4	
Vinyl chloride	ND	ug/kg	13.5	2.4	1		06/18/13 21:32	75-01-4	
Xylene (Total)	ND	ug/kg	13.5	4.9	1		06/18/13 21:32	1330-20-7	
m&p-Xylene	ND	ug/kg	13.5	4.9	1		06/18/13 21:32	179601-23-1	
o-Xylene	ND	ug/kg	6.7	2.6	1		06/18/13 21:32	95-47-6	
Surrogates									
Dibromofluoromethane (S)	141	%	70-130		1		06/18/13 21:32	1868-53-7	S2
Toluene-d8 (S)	91	%	70-130		1		06/18/13 21:32	2037-26-5	
4-Bromofluorobenzene (S)	80	%	70-130		1		06/18/13 21:32	460-00-4	
1,2-Dichloroethane-d4 (S)	149	%	70-132		1		06/18/13 21:32	17060-07-0	S2
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**20.2**	%	0.10	0.10	1		06/19/13 08:58		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**6.4**	% (w/w)	0.058	0.058	1		06/14/13 17:47		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-5-6 **Lab ID: 92161472012** Collected: 06/12/13 13:10 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Acetone	ND	ug/L	250	100	10		06/26/13 19:15	67-64-1	D3
Benzene	ND	ug/L	10.0	2.5	10		06/26/13 19:15	71-43-2	
Bromobenzene	ND	ug/L	10.0	3.0	10		06/26/13 19:15	108-86-1	
Bromochloromethane	ND	ug/L	10.0	1.7	10		06/26/13 19:15	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1.8	10		06/26/13 19:15	75-27-4	
Bromoform	ND	ug/L	10.0	2.6	10		06/26/13 19:15	75-25-2	
Bromomethane	ND	ug/L	20.0	2.9	10		06/26/13 19:15	74-83-9	
2-Butanone (MEK)	ND	ug/L	50.0	9.6	10		06/26/13 19:15	78-93-3	
n-Butylbenzene	ND	ug/L	10.0	4.1	10		06/26/13 19:15	104-51-8	
sec-Butylbenzene	ND	ug/L	10.0	3.8	10		06/26/13 19:15	135-98-8	
tert-Butylbenzene	ND	ug/L	10.0	4.0	10		06/26/13 19:15	98-06-6	
Carbon tetrachloride	ND	ug/L	10.0	2.5	10		06/26/13 19:15	56-23-5	
Chlorobenzene	ND	ug/L	10.0	2.3	10		06/26/13 19:15	108-90-7	
Chloroethane	ND	ug/L	10.0	5.4	10		06/26/13 19:15	75-00-3	
Chloroform	ND	ug/L	10.0	1.4	10		06/26/13 19:15	67-66-3	
Chloromethane	ND	ug/L	10.0	1.1	10		06/26/13 19:15	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	3.5	10		06/26/13 19:15	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	3.1	10		06/26/13 19:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	25.2	10		06/26/13 19:15	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	2.1	10		06/26/13 19:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	10.0	2.7	10		06/26/13 19:15	106-93-4	
Dibromomethane	ND	ug/L	10.0	2.1	10		06/26/13 19:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	3.0	10		06/26/13 19:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	2.4	10		06/26/13 19:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		06/26/13 19:15	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	2.1	10		06/26/13 19:15	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	3.2	10		06/26/13 19:15	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	1.2	10		06/26/13 19:15	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	5.6	10		06/26/13 19:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	10.0	1.9	10		06/26/13 19:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	4.9	10		06/26/13 19:15	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	2.7	10		06/26/13 19:15	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	2.8	10		06/26/13 19:15	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	1.3	10		06/26/13 19:15	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	4.9	10		06/26/13 19:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	1.3	10		06/26/13 19:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	2.6	10		06/26/13 19:15	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	1.2	10		06/26/13 19:15	108-20-3	
Ethylbenzene	ND	ug/L	10.0	3.0	10		06/26/13 19:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.1	10		06/26/13 19:15	87-68-3	
2-Hexanone	ND	ug/L	50.0	4.6	10		06/26/13 19:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	10.0	4.0	10		06/26/13 19:15	98-82-8	
p-Isopropyltoluene	ND	ug/L	10.0	3.1	10		06/26/13 19:15	99-87-6	
Methylene Chloride	**52.7**	ug/L	20.0	9.7	10		06/26/13 19:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	**71.2**	ug/L	50.0	3.3	10		06/26/13 19:15	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-5-6 **Lab ID: 92161472012** Collected: 06/12/13 13:10 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Methyl-tert-butyl ether	ND	ug/L	10.0	2.1	10		06/26/13 19:15	1634-04-4	
Naphthalene	ND	ug/L	10.0	2.4	10		06/26/13 19:15	91-20-3	
n-Propylbenzene	ND	ug/L	10.0	4.2	10		06/26/13 19:15	103-65-1	
Styrene	ND	ug/L	10.0	2.6	10		06/26/13 19:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	3.3	10		06/26/13 19:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	4.0	10		06/26/13 19:15	79-34-5	
Tetrachloroethene	**14.9**	ug/L	10.0	4.6	10		06/26/13 19:15	127-18-4	
Toluene	ND	ug/L	10.0	2.6	10		06/26/13 19:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	3.3	10		06/26/13 19:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	3.5	10		06/26/13 19:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	4.8	10		06/26/13 19:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	2.9	10		06/26/13 19:15	79-00-5	
Trichloroethene	**89.5**	ug/L	10.0	4.7	10		06/26/13 19:15	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	2.0	10		06/26/13 19:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	4.1	10		06/26/13 19:15	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	10.0	3.1	10		06/26/13 19:15	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	10.0	3.6	10		06/26/13 19:15	108-67-8	
Vinyl acetate	ND	ug/L	20.0	3.5	10		06/26/13 19:15	108-05-4	
Vinyl chloride	ND	ug/L	10.0	6.2	10		06/26/13 19:15	75-01-4	
Xylene (Total)	**20.6**	ug/L	20.0	6.6	10		06/26/13 19:15	1330-20-7	
m&p-Xylene	**20.6**	ug/L	20.0	6.6	10		06/26/13 19:15	179601-23-1	
o-Xylene	ND	ug/L	10.0	2.3	10		06/26/13 19:15	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	100	%			10		06/26/13 19:15	17060-07-0	
Toluene-d8 (S)	98	%			10		06/26/13 19:15	2037-26-5	
4-Bromofluorobenzene (S)	100	%			10		06/26/13 19:15	460-00-4	
Dibromofluoromethane (S)	101	%			10		06/26/13 19:15	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	2860	286	25		06/18/13 02:17	67-64-1	
Benzene	ND	ug/kg	143	45.7	25		06/18/13 02:17	71-43-2	
Bromobenzene	ND	ug/kg	143	57.1	25		06/18/13 02:17	108-86-1	
Bromochloromethane	ND	ug/kg	143	48.5	25		06/18/13 02:17	74-97-5	
Bromodichloromethane	ND	ug/kg	143	54.3	25		06/18/13 02:17	75-27-4	
Bromoform	ND	ug/kg	143	65.7	25		06/18/13 02:17	75-25-2	
Bromomethane	ND	ug/kg	286	71.4	25		06/18/13 02:17	74-83-9	
2-Butanone (MEK)	ND	ug/kg	2860	82.8	25		06/18/13 02:17	78-93-3	
n-Butylbenzene	ND	ug/kg	143	51.4	25		06/18/13 02:17	104-51-8	
sec-Butylbenzene	ND	ug/kg	143	45.7	25		06/18/13 02:17	135-98-8	
tert-Butylbenzene	ND	ug/kg	143	57.1	25		06/18/13 02:17	98-06-6	
Carbon tetrachloride	ND	ug/kg	143	74.2	25		06/18/13 02:17	56-23-5	
Chlorobenzene	ND	ug/kg	143	54.3	25		06/18/13 02:17	108-90-7	
Chloroethane	ND	ug/kg	286	68.5	25		06/18/13 02:17	75-00-3	
Chloroform	ND	ug/kg	143	45.7	25		06/18/13 02:17	67-66-3	
Chloromethane	ND	ug/kg	286	68.5	25		06/18/13 02:17	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-5-6 **Lab ID: 92161472012** Collected: 06/12/13 13:10 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	143	48.5	25		06/18/13 02:17	95-49-8	
4-Chlorotoluene	ND	ug/kg	143	51.4	25		06/18/13 02:17	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	143	103	25		06/18/13 02:17	96-12-8	
Dibromochloromethane	ND	ug/kg	143	51.4	25		06/18/13 02:17	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	143	51.4	25		06/18/13 02:17	106-93-4	
Dibromomethane	ND	ug/kg	143	71.4	25		06/18/13 02:17	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	143	54.3	25		06/18/13 02:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	143	57.1	25		06/18/13 02:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	143	48.5	25		06/18/13 02:17	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	286	103	25		06/18/13 02:17	75-71-8	
1,1-Dichloroethane	ND	ug/kg	143	42.8	25		06/18/13 02:17	75-34-3	
1,2-Dichloroethane	ND	ug/kg	143	62.8	25		06/18/13 02:17	107-06-2	
1,1-Dichloroethene	**160**	ug/kg	143	51.4	25		06/18/13 02:17	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	143	40.0	25		06/18/13 02:17	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	143	54.3	25		06/18/13 02:17	156-60-5	
1,2-Dichloropropane	ND	ug/kg	143	48.5	25		06/18/13 02:17	78-87-5	
1,3-Dichloropropane	ND	ug/kg	143	54.3	25		06/18/13 02:17	142-28-9	
2,2-Dichloropropane	ND	ug/kg	143	48.5	25		06/18/13 02:17	594-20-7	
1,1-Dichloropropene	ND	ug/kg	143	42.8	25		06/18/13 02:17	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	143	51.4	25		06/18/13 02:17	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	143	42.8	25		06/18/13 02:17	10061-02-6	
Diisopropyl ether	ND	ug/kg	143	48.5	25		06/18/13 02:17	108-20-3	
Ethylbenzene	**461**	ug/kg	143	51.4	25		06/18/13 02:17	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	143	57.1	25		06/18/13 02:17	87-68-3	
2-Hexanone	**324J**	ug/kg	1430	111	25		06/18/13 02:17	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	143	54.3	25		06/18/13 02:17	98-82-8	
p-Isopropyltoluene	ND	ug/kg	143	48.5	25		06/18/13 02:17	99-87-6	
Methylene Chloride	ND	ug/kg	571	85.7	25		06/18/13 02:17	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1430	106	25		06/18/13 02:17	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	143	42.8	25		06/18/13 02:17	1634-04-4	
Naphthalene	ND	ug/kg	143	34.3	25		06/18/13 02:17	91-20-3	
n-Propylbenzene	ND	ug/kg	143	48.5	25		06/18/13 02:17	103-65-1	
Styrene	ND	ug/kg	143	51.4	25		06/18/13 02:17	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	143	60.0	25		06/18/13 02:17	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	143	54.3	25		06/18/13 02:17	79-34-5	
Tetrachloroethene	**12400**	ug/kg	7140	2430	1250		06/18/13 19:01	127-18-4	
Toluene	ND	ug/kg	143	51.4	25		06/18/13 02:17	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	143	62.8	25		06/18/13 02:17	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	143	45.7	25		06/18/13 02:17	120-82-1	
1,1,1-Trichloroethane	**17300**	ug/kg	7140	2570	1250		06/18/13 19:01	71-55-6	
1,1,2-Trichloroethane	**75.0J**	ug/kg	143	60.0	25		06/18/13 02:17	79-00-5	
Trichloroethene	**179000**	ug/kg	7140	3000	1250		06/18/13 19:01	79-01-6	
Trichlorofluoromethane	ND	ug/kg	143	62.8	25		06/18/13 02:17	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	143	45.7	25		06/18/13 02:17	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	143	57.1	25		06/18/13 02:17	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-5-6 **Lab ID: 92161472012** Collected: 06/12/13 13:10 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	143	51.4	25		06/18/13 02:17	108-67-8	
Vinyl acetate	ND	ug/kg	1430	251	25		06/18/13 02:17	108-05-4	
Vinyl chloride	ND	ug/kg	286	51.4	25		06/18/13 02:17	75-01-4	
Xylene (Total)	**1170**	ug/kg	286	103	25		06/18/13 02:17	1330-20-7	
m&p-Xylene	**673**	ug/kg	286	103	25		06/18/13 02:17	179601-23-1	
o-Xylene	**502**	ug/kg	143	54.3	25		06/18/13 02:17	95-47-6	
Surrogates									
Dibromofluoromethane (S)	111	%	70-130		25		06/18/13 02:17	1868-53-7	
Toluene-d8 (S)	83	%	70-130		25		06/18/13 02:17	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130		25		06/18/13 02:17	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-132		25		06/18/13 02:17	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**25.8**	%	0.10	0.10	1		06/19/13 08:58		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**2.4**	% (w/w)	0.058	0.058	1		06/14/13 17:48		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-10-11 **Lab ID: 92161472013** Collected: 06/12/13 13:20 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Acetone	ND	ug/L	250	100	10		06/26/13 19:30	67-64-1	D3
Benzene	ND	ug/L	10.0	2.5	10		06/26/13 19:30	71-43-2	
Bromobenzene	ND	ug/L	10.0	3.0	10		06/26/13 19:30	108-86-1	
Bromochloromethane	ND	ug/L	10.0	1.7	10		06/26/13 19:30	74-97-5	
Bromodichloromethane	ND	ug/L	10.0	1.8	10		06/26/13 19:30	75-27-4	
Bromoform	ND	ug/L	10.0	2.6	10		06/26/13 19:30	75-25-2	
Bromomethane	ND	ug/L	20.0	2.9	10		06/26/13 19:30	74-83-9	
2-Butanone (MEK)	ND	ug/L	50.0	9.6	10		06/26/13 19:30	78-93-3	
n-Butylbenzene	ND	ug/L	10.0	4.1	10		06/26/13 19:30	104-51-8	
sec-Butylbenzene	ND	ug/L	10.0	3.8	10		06/26/13 19:30	135-98-8	
tert-Butylbenzene	ND	ug/L	10.0	4.0	10		06/26/13 19:30	98-06-6	
Carbon tetrachloride	ND	ug/L	10.0	2.5	10		06/26/13 19:30	56-23-5	
Chlorobenzene	ND	ug/L	10.0	2.3	10		06/26/13 19:30	108-90-7	
Chloroethane	ND	ug/L	10.0	5.4	10		06/26/13 19:30	75-00-3	
Chloroform	ND	ug/L	10.0	1.4	10		06/26/13 19:30	67-66-3	
Chloromethane	ND	ug/L	10.0	1.1	10		06/26/13 19:30	74-87-3	
2-Chlorotoluene	ND	ug/L	10.0	3.5	10		06/26/13 19:30	95-49-8	
4-Chlorotoluene	ND	ug/L	10.0	3.1	10		06/26/13 19:30	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	50.0	25.2	10		06/26/13 19:30	96-12-8	
Dibromochloromethane	ND	ug/L	10.0	2.1	10		06/26/13 19:30	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	10.0	2.7	10		06/26/13 19:30	106-93-4	
Dibromomethane	ND	ug/L	10.0	2.1	10		06/26/13 19:30	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	10.0	3.0	10		06/26/13 19:30	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	10.0	2.4	10		06/26/13 19:30	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	10.0	3.3	10		06/26/13 19:30	106-46-7	
Dichlorodifluoromethane	ND	ug/L	10.0	2.1	10		06/26/13 19:30	75-71-8	
1,1-Dichloroethane	ND	ug/L	10.0	3.2	10		06/26/13 19:30	75-34-3	
1,2-Dichloroethane	ND	ug/L	10.0	1.2	10		06/26/13 19:30	107-06-2	
1,1-Dichloroethene	ND	ug/L	10.0	5.6	10		06/26/13 19:30	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	10.0	1.9	10		06/26/13 19:30	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	10.0	4.9	10		06/26/13 19:30	156-60-5	
1,2-Dichloropropane	ND	ug/L	10.0	2.7	10		06/26/13 19:30	78-87-5	
1,3-Dichloropropane	ND	ug/L	10.0	2.8	10		06/26/13 19:30	142-28-9	
2,2-Dichloropropane	ND	ug/L	10.0	1.3	10		06/26/13 19:30	594-20-7	
1,1-Dichloropropene	ND	ug/L	10.0	4.9	10		06/26/13 19:30	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	10.0	1.3	10		06/26/13 19:30	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	10.0	2.6	10		06/26/13 19:30	10061-02-6	
Diisopropyl ether	ND	ug/L	10.0	1.2	10		06/26/13 19:30	108-20-3	
Ethylbenzene	ND	ug/L	10.0	3.0	10		06/26/13 19:30	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	10.0	7.1	10		06/26/13 19:30	87-68-3	
2-Hexanone	ND	ug/L	50.0	4.6	10		06/26/13 19:30	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	10.0	4.0	10		06/26/13 19:30	98-82-8	
p-Isopropyltoluene	ND	ug/L	10.0	3.1	10		06/26/13 19:30	99-87-6	
Methylene Chloride	ND	ug/L	20.0	9.7	10		06/26/13 19:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	50.0	3.3	10		06/26/13 19:30	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-10-11 **Lab ID: 92161472013** Collected: 06/12/13 13:20 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Methyl-tert-butyl ether	ND	ug/L	10.0	2.1	10		06/26/13 19:30	1634-04-4	
Naphthalene	ND	ug/L	10.0	2.4	10		06/26/13 19:30	91-20-3	
n-Propylbenzene	ND	ug/L	10.0	4.2	10		06/26/13 19:30	103-65-1	
Styrene	ND	ug/L	10.0	2.6	10		06/26/13 19:30	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	10.0	3.3	10		06/26/13 19:30	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	10.0	4.0	10		06/26/13 19:30	79-34-5	
Tetrachloroethene	ND	ug/L	10.0	4.6	10		06/26/13 19:30	127-18-4	
Toluene	ND	ug/L	10.0	2.6	10		06/26/13 19:30	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	10.0	3.3	10		06/26/13 19:30	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	10.0	3.5	10		06/26/13 19:30	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	10.0	4.8	10		06/26/13 19:30	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	10.0	2.9	10		06/26/13 19:30	79-00-5	
Trichloroethene	**217**	ug/L	10.0	4.7	10		06/26/13 19:30	79-01-6	
Trichlorofluoromethane	ND	ug/L	10.0	2.0	10		06/26/13 19:30	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	10.0	4.1	10		06/26/13 19:30	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	10.0	3.1	10		06/26/13 19:30	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	10.0	3.6	10		06/26/13 19:30	108-67-8	
Vinyl acetate	ND	ug/L	20.0	3.5	10		06/26/13 19:30	108-05-4	
Vinyl chloride	ND	ug/L	10.0	6.2	10		06/26/13 19:30	75-01-4	
Xylene (Total)	ND	ug/L	20.0	6.6	10		06/26/13 19:30	1330-20-7	
m&p-Xylene	ND	ug/L	20.0	6.6	10		06/26/13 19:30	179601-23-1	
o-Xylene	ND	ug/L	10.0	2.3	10		06/26/13 19:30	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%			10		06/26/13 19:30	17060-07-0	
Toluene-d8 (S)	98	%			10		06/26/13 19:30	2037-26-5	
4-Bromofluorobenzene (S)	99	%			10		06/26/13 19:30	460-00-4	
Dibromofluoromethane (S)	102	%			10		06/26/13 19:30	1868-53-7	
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	5.0	1.2	1		06/27/13 13:29	71-43-2	
2-Butanone (MEK)	**8.4J**	ug/L	10.0	2.8	1		06/27/13 13:29	78-93-3	
Carbon tetrachloride	ND	ug/L	5.0	2.7	1		06/27/13 13:29	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.0	1		06/27/13 13:29	108-90-7	
Chloroform	ND	ug/L	5.0	2.0	1		06/27/13 13:29	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.2	1		06/27/13 13:29	106-46-7	
1,2-Dichloroethane	ND	ug/L	5.0	1.3	1		06/27/13 13:29	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	3.4	1		06/27/13 13:29	75-35-4	
Tetrachloroethene	**2.9J**	ug/L	5.0	1.9	1		06/27/13 13:29	127-18-4	
Trichloroethene	**175**	ug/L	25.0	5.0	5		06/28/13 10:44	79-01-6	
Vinyl chloride	ND	ug/L	5.0	1.9	1		06/27/13 13:29	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	91	%	70-130		1		06/27/13 13:29	17060-07-0	
Toluene-d8 (S)	96	%	67-135		1		06/27/13 13:29	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		06/27/13 13:29	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		1		06/27/13 13:29	1868-53-7	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-10-11 **Lab ID: 92161472013** Collected: 06/12/13 13:20 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	ND	ug/kg	7540	754	50		06/18/13 02:36	67-64-1	
Benzene	ND	ug/kg	377	121	50		06/18/13 02:36	71-43-2	
Bromobenzene	ND	ug/kg	377	151	50		06/18/13 02:36	108-86-1	
Bromochloromethane	ND	ug/kg	377	128	50		06/18/13 02:36	74-97-5	
Bromodichloromethane	ND	ug/kg	377	143	50		06/18/13 02:36	75-27-4	
Bromoform	ND	ug/kg	377	173	50		06/18/13 02:36	75-25-2	
Bromomethane	ND	ug/kg	754	188	50		06/18/13 02:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	7540	219	50		06/18/13 02:36	78-93-3	
n-Butylbenzene	ND	ug/kg	377	136	50		06/18/13 02:36	104-51-8	
sec-Butylbenzene	ND	ug/kg	377	121	50		06/18/13 02:36	135-98-8	
tert-Butylbenzene	ND	ug/kg	377	151	50		06/18/13 02:36	98-06-6	
Carbon tetrachloride	ND	ug/kg	377	196	50		06/18/13 02:36	56-23-5	
Chlorobenzene	ND	ug/kg	377	143	50		06/18/13 02:36	108-90-7	
Chloroethane	ND	ug/kg	754	181	50		06/18/13 02:36	75-00-3	
Chloroform	ND	ug/kg	377	121	50		06/18/13 02:36	67-66-3	
Chloromethane	ND	ug/kg	754	181	50		06/18/13 02:36	74-87-3	
2-Chlorotoluene	ND	ug/kg	377	128	50		06/18/13 02:36	95-49-8	
4-Chlorotoluene	ND	ug/kg	377	136	50		06/18/13 02:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	377	271	50		06/18/13 02:36	96-12-8	
Dibromochloromethane	ND	ug/kg	377	136	50		06/18/13 02:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	377	136	50		06/18/13 02:36	106-93-4	
Dibromomethane	ND	ug/kg	377	188	50		06/18/13 02:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	377	143	50		06/18/13 02:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	377	151	50		06/18/13 02:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	377	128	50		06/18/13 02:36	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	754	271	50		06/18/13 02:36	75-71-8	
1,1-Dichloroethane	ND	ug/kg	377	113	50		06/18/13 02:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	377	166	50		06/18/13 02:36	107-06-2	
1,1-Dichloroethene	**810**	ug/kg	377	136	50		06/18/13 02:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	377	106	50		06/18/13 02:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	377	143	50		06/18/13 02:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	377	128	50		06/18/13 02:36	78-87-5	
1,3-Dichloropropane	ND	ug/kg	377	143	50		06/18/13 02:36	142-28-9	
2,2-Dichloropropane	ND	ug/kg	377	128	50		06/18/13 02:36	594-20-7	
1,1-Dichloropropene	ND	ug/kg	377	113	50		06/18/13 02:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	377	136	50		06/18/13 02:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	377	113	50		06/18/13 02:36	10061-02-6	
Diisopropyl ether	ND	ug/kg	377	128	50		06/18/13 02:36	108-20-3	
Ethylbenzene	ND	ug/kg	377	136	50		06/18/13 02:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	377	151	50		06/18/13 02:36	87-68-3	
2-Hexanone	ND	ug/kg	3770	294	50		06/18/13 02:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	377	143	50		06/18/13 02:36	98-82-8	
p-Isopropyltoluene	ND	ug/kg	377	128	50		06/18/13 02:36	99-87-6	
Methylene Chloride	ND	ug/kg	1510	226	50		06/18/13 02:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	3770	279	50		06/18/13 02:36	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-10-11 **Lab ID: 92161472013** Collected: 06/12/13 13:20 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Methyl-tert-butyl ether	ND	ug/kg	377	113	50		06/18/13 02:36	1634-04-4	
Naphthalene	ND	ug/kg	377	90.4	50		06/18/13 02:36	91-20-3	
n-Propylbenzene	ND	ug/kg	377	128	50		06/18/13 02:36	103-65-1	
Styrene	ND	ug/kg	377	136	50		06/18/13 02:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	377	158	50		06/18/13 02:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	377	143	50		06/18/13 02:36	79-34-5	
Tetrachloroethene	**2820**	ug/kg	377	128	50		06/18/13 02:36	127-18-4	
Toluene	ND	ug/kg	377	136	50		06/18/13 02:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	377	166	50		06/18/13 02:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	377	121	50		06/18/13 02:36	120-82-1	
1,1,1-Trichloroethane	**22100**	ug/kg	9420	3390	1250		06/18/13 19:20	71-55-6	
1,1,2-Trichloroethane	**218J**	ug/kg	377	158	50		06/18/13 02:36	79-00-5	
Trichloroethene	**206000**	ug/kg	9420	3960	1250		06/18/13 19:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	377	166	50		06/18/13 02:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	377	121	50		06/18/13 02:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	377	151	50		06/18/13 02:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	377	136	50		06/18/13 02:36	108-67-8	
Vinyl acetate	ND	ug/kg	3770	663	50		06/18/13 02:36	108-05-4	
Vinyl chloride	ND	ug/kg	754	136	50		06/18/13 02:36	75-01-4	
Xylene (Total)	ND	ug/kg	754	271	50		06/18/13 02:36	1330-20-7	
m&p-Xylene	ND	ug/kg	754	271	50		06/18/13 02:36	179601-23-1	
o-Xylene	ND	ug/kg	377	143	50		06/18/13 02:36	95-47-6	
Surrogates									
Dibromofluoromethane (S)	114	%	70-130		50		06/18/13 02:36	1868-53-7	
Toluene-d8 (S)	89	%	70-130		50		06/18/13 02:36	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		50		06/18/13 02:36	460-00-4	
1,2-Dichloroethane-d4 (S)	109	%	70-132		50		06/18/13 02:36	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**31.3**	%	0.10	0.10	1		06/19/13 08:58		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.9**	% (w/w)	0.058	0.058	1		06/14/13 17:49		FOC

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-15-16 **Lab ID: 92161472014** Collected: 06/12/13 13:25 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Acetone	ND	ug/L	125	50.0	5		06/26/13 21:53	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/26/13 21:53	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/26/13 21:53	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/26/13 21:53	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/26/13 21:53	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/26/13 21:53	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/26/13 21:53	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/26/13 21:53	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 21:53	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/26/13 21:53	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 21:53	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/26/13 21:53	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 21:53	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/26/13 21:53	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/26/13 21:53	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/26/13 21:53	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/26/13 21:53	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/26/13 21:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/26/13 21:53	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/26/13 21:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/26/13 21:53	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/26/13 21:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/26/13 21:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 21:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 21:53	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 21:53	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/26/13 21:53	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/26/13 21:53	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/26/13 21:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/26/13 21:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 21:53	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 21:53	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 21:53	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/26/13 21:53	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/26/13 21:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/26/13 21:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/26/13 21:53	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/26/13 21:53	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/26/13 21:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/26/13 21:53	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/26/13 21:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/26/13 21:53	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/26/13 21:53	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/26/13 21:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/26/13 21:53	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-15-16 **Lab ID: 92161472014** Collected: 06/12/13 13:25 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/26/13 21:53	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/26/13 21:53	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/26/13 21:53	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/26/13 21:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/26/13 21:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/26/13 21:53	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/26/13 21:53	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/26/13 21:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 21:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/26/13 21:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/26/13 21:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/26/13 21:53	79-00-5	
Trichloroethene	**19.6**	ug/L	5.0	2.4	5		06/26/13 21:53	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 21:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/26/13 21:53	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/26/13 21:53	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/26/13 21:53	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/26/13 21:53	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/26/13 21:53	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/26/13 21:53	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/26/13 21:53	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/26/13 21:53	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	115	%			5		06/26/13 21:53	17060-07-0	
Toluene-d8 (S)	96	%			5		06/26/13 21:53	2037-26-5	
4-Bromofluorobenzene (S)	106	%			5		06/26/13 21:53	460-00-4	
Dibromofluoromethane (S)	106	%			5		06/26/13 21:53	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**35.8J**	ug/kg	127	12.7	1		06/18/13 02:55	67-64-1	
Benzene	ND	ug/kg	6.4	2.0	1		06/18/13 02:55	71-43-2	
Bromobenzene	ND	ug/kg	6.4	2.5	1		06/18/13 02:55	108-86-1	
Bromochloromethane	ND	ug/kg	6.4	2.2	1		06/18/13 02:55	74-97-5	
Bromodichloromethane	ND	ug/kg	6.4	2.4	1		06/18/13 02:55	75-27-4	
Bromoform	ND	ug/kg	6.4	2.9	1		06/18/13 02:55	75-25-2	
Bromomethane	ND	ug/kg	12.7	3.2	1		06/18/13 02:55	74-83-9	
2-Butanone (MEK)	ND	ug/kg	127	3.7	1		06/18/13 02:55	78-93-3	
n-Butylbenzene	ND	ug/kg	6.4	2.3	1		06/18/13 02:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.4	2.0	1		06/18/13 02:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.4	2.5	1		06/18/13 02:55	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.4	3.3	1		06/18/13 02:55	56-23-5	
Chlorobenzene	ND	ug/kg	6.4	2.4	1		06/18/13 02:55	108-90-7	
Chloroethane	ND	ug/kg	12.7	3.1	1		06/18/13 02:55	75-00-3	
Chloroform	**7.1**	ug/kg	6.4	2.0	1		06/18/13 02:55	67-66-3	
Chloromethane	ND	ug/kg	12.7	3.1	1		06/18/13 02:55	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-15-16 **Lab ID: 92161472014** Collected: 06/12/13 13:25 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	6.4	2.2	1		06/18/13 02:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.4	2.3	1		06/18/13 02:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.4	4.6	1		06/18/13 02:55	96-12-8	
Dibromochloromethane	ND	ug/kg	6.4	2.3	1		06/18/13 02:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.4	2.3	1		06/18/13 02:55	106-93-4	
Dibromomethane	ND	ug/kg	6.4	3.2	1		06/18/13 02:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.4	2.4	1		06/18/13 02:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.4	2.5	1		06/18/13 02:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.4	2.2	1		06/18/13 02:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.7	4.6	1		06/18/13 02:55	75-71-8	
1,1-Dichloroethane	**3.7J**	ug/kg	6.4	1.9	1		06/18/13 02:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.4	2.8	1		06/18/13 02:55	107-06-2	
1,1-Dichloroethene	**783**	ug/kg	6.4	2.3	1		06/18/13 02:55	75-35-4	E
cis-1,2-Dichloroethene	**19.0**	ug/kg	6.4	1.8	1		06/18/13 02:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.4	2.4	1		06/18/13 02:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.4	2.2	1		06/18/13 02:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.4	2.4	1		06/18/13 02:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.4	2.2	1		06/18/13 02:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.4	1.9	1		06/18/13 02:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.4	2.3	1		06/18/13 02:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.4	1.9	1		06/18/13 02:55	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.4	2.2	1		06/18/13 02:55	108-20-3	
Ethylbenzene	**5.5J**	ug/kg	6.4	2.3	1		06/18/13 02:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.4	2.5	1		06/18/13 02:55	87-68-3	
2-Hexanone	ND	ug/kg	63.6	5.0	1		06/18/13 02:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.4	2.4	1		06/18/13 02:55	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.4	2.2	1		06/18/13 02:55	99-87-6	
Methylene Chloride	ND	ug/kg	25.4	3.8	1		06/18/13 02:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	63.6	4.7	1		06/18/13 02:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.4	1.9	1		06/18/13 02:55	1634-04-4	
Naphthalene	ND	ug/kg	6.4	1.5	1		06/18/13 02:55	91-20-3	
n-Propylbenzene	ND	ug/kg	6.4	2.2	1		06/18/13 02:55	103-65-1	
Styrene	ND	ug/kg	6.4	2.3	1		06/18/13 02:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.4	2.7	1		06/18/13 02:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.4	2.4	1		06/18/13 02:55	79-34-5	
Tetrachloroethene	**793**	ug/kg	6.4	2.2	1		06/18/13 02:55	127-18-4	E
Toluene	**14.8**	ug/kg	6.4	2.3	1		06/18/13 02:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.4	2.8	1		06/18/13 02:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.4	2.0	1		06/18/13 02:55	120-82-1	
1,1,1-Trichloroethane	**5590**	ug/kg	6.4	2.3	1		06/18/13 02:55	71-55-6	E
1,1,2-Trichloroethane	**175**	ug/kg	6.4	2.7	1		06/18/13 02:55	79-00-5	
Trichloroethene	**93600**	ug/kg	53100	22300	10000		06/18/13 19:39	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.4	2.8	1		06/18/13 02:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.4	2.0	1		06/18/13 02:55	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.4	2.5	1		06/18/13 02:55	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-15-16 **Lab ID: 92161472014** Collected: 06/12/13 13:25 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	6.4	2.3	1		06/18/13 02:55	108-67-8	
Vinyl acetate	ND	ug/kg	63.6	11.2	1		06/18/13 02:55	108-05-4	
Vinyl chloride	ND	ug/kg	12.7	2.3	1		06/18/13 02:55	75-01-4	
Xylene (Total)	ND	ug/kg	12.7	4.6	1		06/18/13 02:55	1330-20-7	
m&p-Xylene	**9.5J**	ug/kg	12.7	4.6	1		06/18/13 02:55	179601-23-1	
o-Xylene	**4.9J**	ug/kg	6.4	2.4	1		06/18/13 02:55	95-47-6	
Surrogates									
Dibromofluoromethane (S)	128	%	70-130		1		06/18/13 02:55	1868-53-7	
4-Bromofluorobenzene (S)	97	%	70-130		1		06/18/13 02:55	460-00-4	
1,2-Dichloroethane-d4 (S)	121	%	70-132		1		06/18/13 02:55	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**24.5**	%	0.10	0.10	1		06/19/13 08:58		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.9**	% (w/w)	0.058	0.058	1		06/14/13 17:50		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-20-21 **Lab ID: 92161472015** Collected: 06/12/13 13:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Acetone	ND	ug/L	125	50.0	5		06/26/13 22:09	67-64-1	
Benzene	ND	ug/L	5.0	1.2	5		06/26/13 22:09	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:09	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/26/13 22:09	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/26/13 22:09	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/26/13 22:09	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/26/13 22:09	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/26/13 22:09	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 22:09	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/26/13 22:09	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 22:09	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/26/13 22:09	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 22:09	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/26/13 22:09	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/26/13 22:09	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/26/13 22:09	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/26/13 22:09	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/26/13 22:09	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/26/13 22:09	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:09	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/26/13 22:09	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/26/13 22:09	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:09	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 22:09	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:09	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:09	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/26/13 22:09	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/26/13 22:09	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/26/13 22:09	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/26/13 22:09	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 22:09	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 22:09	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 22:09	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/26/13 22:09	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/26/13 22:09	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/26/13 22:09	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/26/13 22:09	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/26/13 22:09	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:09	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/26/13 22:09	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/26/13 22:09	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/26/13 22:09	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/26/13 22:09	99-87-6	
Methylene Chloride	**1590**	ug/L	40.0	19.4	20		06/27/13 12:30	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/26/13 22:09	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-20-21 **Lab ID: 92161472015** Collected: 06/12/13 13:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/23/13 10:54								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/26/13 22:09	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/26/13 22:09	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/26/13 22:09	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/26/13 22:09	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/26/13 22:09	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/26/13 22:09	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/26/13 22:09	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/26/13 22:09	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:09	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/26/13 22:09	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/26/13 22:09	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/26/13 22:09	79-00-5	
Trichloroethene	**58.2**	ug/L	5.0	2.4	5		06/26/13 22:09	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:09	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/26/13 22:09	96-18-4	
1,2,4-Trimethylbenzene	**34.5**	ug/L	5.0	1.6	5		06/26/13 22:09	95-63-6	
1,3,5-Trimethylbenzene	**7.6**	ug/L	5.0	1.8	5		06/26/13 22:09	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/26/13 22:09	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/26/13 22:09	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/26/13 22:09	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/26/13 22:09	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/26/13 22:09	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	106	%			5		06/26/13 22:09	17060-07-0	
Toluene-d8 (S)	96	%			5		06/26/13 22:09	2037-26-5	
4-Bromofluorobenzene (S)	102	%			5		06/26/13 22:09	460-00-4	
Dibromofluoromethane (S)	104	%			5		06/26/13 22:09	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**11.5J**	ug/kg	113	11.3	1		06/18/13 03:14	67-64-1	
Benzene	ND	ug/kg	5.6	1.8	1		06/18/13 03:14	71-43-2	
Bromobenzene	ND	ug/kg	5.6	2.3	1		06/18/13 03:14	108-86-1	
Bromochloromethane	ND	ug/kg	5.6	1.9	1		06/18/13 03:14	74-97-5	
Bromodichloromethane	ND	ug/kg	5.6	2.1	1		06/18/13 03:14	75-27-4	
Bromoform	ND	ug/kg	5.6	2.6	1		06/18/13 03:14	75-25-2	
Bromomethane	ND	ug/kg	11.3	2.8	1		06/18/13 03:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	113	3.3	1		06/18/13 03:14	78-93-3	
n-Butylbenzene	ND	ug/kg	5.6	2.0	1		06/18/13 03:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.6	1.8	1		06/18/13 03:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.6	2.3	1		06/18/13 03:14	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.6	2.9	1		06/18/13 03:14	56-23-5	
Chlorobenzene	ND	ug/kg	5.6	2.1	1		06/18/13 03:14	108-90-7	
Chloroethane	ND	ug/kg	11.3	2.7	1		06/18/13 03:14	75-00-3	
Chloroform	**2.2J**	ug/kg	5.6	1.8	1		06/18/13 03:14	67-66-3	
Chloromethane	ND	ug/kg	11.3	2.7	1		06/18/13 03:14	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-20-21 **Lab ID: 92161472015** Collected: 06/12/13 13:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.6	1.9	1		06/18/13 03:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.6	2.0	1		06/18/13 03:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.6	4.1	1		06/18/13 03:14	96-12-8	
Dibromochloromethane	ND	ug/kg	5.6	2.0	1		06/18/13 03:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.6	2.0	1		06/18/13 03:14	106-93-4	
Dibromomethane	ND	ug/kg	5.6	2.8	1		06/18/13 03:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.6	2.1	1		06/18/13 03:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.6	2.3	1		06/18/13 03:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.6	1.9	1		06/18/13 03:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.3	4.1	1		06/18/13 03:14	75-71-8	
1,1-Dichloroethane	**3.0J**	ug/kg	5.6	1.7	1		06/18/13 03:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.6	2.5	1		06/18/13 03:14	107-06-2	
1,1-Dichloroethene	**332**	ug/kg	5.6	2.0	1		06/18/13 03:14	75-35-4	E
cis-1,2-Dichloroethene	**9.9**	ug/kg	5.6	1.6	1		06/18/13 03:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.6	2.1	1		06/18/13 03:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.6	1.9	1		06/18/13 03:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.6	2.1	1		06/18/13 03:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.6	1.9	1		06/18/13 03:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.6	1.7	1		06/18/13 03:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.6	2.0	1		06/18/13 03:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.6	1.7	1		06/18/13 03:14	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.6	1.9	1		06/18/13 03:14	108-20-3	
Ethylbenzene	ND	ug/kg	5.6	2.0	1		06/18/13 03:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.6	2.3	1		06/18/13 03:14	87-68-3	
2-Hexanone	**14.9J**	ug/kg	56.4	4.4	1		06/18/13 03:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.6	2.1	1		06/18/13 03:14	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.6	1.9	1		06/18/13 03:14	99-87-6	
Methylene Chloride	ND	ug/kg	22.6	3.4	1		06/18/13 03:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	56.4	4.2	1		06/18/13 03:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.6	1.7	1		06/18/13 03:14	1634-04-4	
Naphthalene	ND	ug/kg	5.6	1.4	1		06/18/13 03:14	91-20-3	
n-Propylbenzene	ND	ug/kg	5.6	1.9	1		06/18/13 03:14	103-65-1	
Styrene	ND	ug/kg	5.6	2.0	1		06/18/13 03:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.6	2.4	1		06/18/13 03:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.6	2.1	1		06/18/13 03:14	79-34-5	
Tetrachloroethene	**123**	ug/kg	5.6	1.9	1		06/18/13 03:14	127-18-4	
Toluene	ND	ug/kg	5.6	2.0	1		06/18/13 03:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.6	2.5	1		06/18/13 03:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.6	1.8	1		06/18/13 03:14	120-82-1	
1,1,1-Trichloroethane	**815**	ug/kg	5.6	2.0	1		06/18/13 03:14	71-55-6	E
1,1,2-Trichloroethane	**2.4J**	ug/kg	5.6	2.4	1		06/18/13 03:14	79-00-5	
Trichloroethene	**14100**	ug/kg	4340	1820	1000		06/18/13 19:57	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.6	2.5	1		06/18/13 03:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.6	1.8	1		06/18/13 03:14	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.6	2.3	1		06/18/13 03:14	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-16-20-21 **Lab ID: 92161472015** Collected: 06/12/13 13:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.6	2.0	1		06/18/13 03:14	108-67-8	
Vinyl acetate	ND	ug/kg	56.4	9.9	1		06/18/13 03:14	108-05-4	
Vinyl chloride	ND	ug/kg	11.3	2.0	1		06/18/13 03:14	75-01-4	
Xylene (Total)	ND	ug/kg	11.3	4.1	1		06/18/13 03:14	1330-20-7	
m&p-Xylene	ND	ug/kg	11.3	4.1	1		06/18/13 03:14	179601-23-1	
o-Xylene	ND	ug/kg	5.6	2.1	1		06/18/13 03:14	95-47-6	
Surrogates									
Dibromofluoromethane (S)	117	%	70-130		1		06/18/13 03:14	1868-53-7	
Toluene-d8 (S)	83	%	70-130		1		06/18/13 03:14	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		1		06/18/13 03:14	460-00-4	
1,2-Dichloroethane-d4 (S)	119	%	70-132		1		06/18/13 03:14	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**16.2**	%	0.10	0.10	1		06/19/13 08:59		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**2.7**	% (w/w)	0.058	0.058	1		06/14/13 17:51		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-10-11 **Lab ID: 92161472016** Collected: 06/12/13 14:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/24/13 11:04								
Acetone	ND	ug/L	25.0	10.0	1		06/26/13 19:46	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/26/13 19:46	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/26/13 19:46	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/26/13 19:46	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/26/13 19:46	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/26/13 19:46	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/26/13 19:46	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/26/13 19:46	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/26/13 19:46	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/26/13 19:46	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/26/13 19:46	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/26/13 19:46	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/26/13 19:46	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/26/13 19:46	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/26/13 19:46	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/26/13 19:46	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/26/13 19:46	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/26/13 19:46	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/26/13 19:46	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/26/13 19:46	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/26/13 19:46	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/26/13 19:46	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/26/13 19:46	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/26/13 19:46	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 19:46	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/26/13 19:46	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/26/13 19:46	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/26/13 19:46	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/26/13 19:46	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/26/13 19:46	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/26/13 19:46	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/26/13 19:46	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/26/13 19:46	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/26/13 19:46	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/26/13 19:46	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/26/13 19:46	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/26/13 19:46	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/26/13 19:46	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/26/13 19:46	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/26/13 19:46	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/26/13 19:46	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/26/13 19:46	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/26/13 19:46	99-87-6	
Methylene Chloride	**2490**	ug/L	40.0	19.4	20		06/27/13 11:42	75-09-2	
4-Methyl-2-pentanone (MIBK)	**1.6J**	ug/L	5.0	0.33	1		06/26/13 19:46	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-10-11 **Lab ID: 92161472016** Collected: 06/12/13 14:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/24/13 11:04								
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/26/13 19:46	1634-04-4	
Naphthalene	ND	ug/L	1.0	0.24	1		06/26/13 19:46	91-20-3	
n-Propylbenzene	**1.2**	ug/L	1.0	0.42	1		06/26/13 19:46	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/26/13 19:46	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/26/13 19:46	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/26/13 19:46	79-34-5	
Tetrachloroethene	**2.3**	ug/L	1.0	0.46	1		06/26/13 19:46	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/26/13 19:46	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/26/13 19:46	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/26/13 19:46	120-82-1	
1,1,1-Trichloroethane	**10.8**	ug/L	1.0	0.48	1		06/26/13 19:46	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/26/13 19:46	79-00-5	
Trichloroethene	**234**	ug/L	20.0	9.4	20		06/27/13 11:42	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/26/13 19:46	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/26/13 19:46	96-18-4	
1,2,4-Trimethylbenzene	**11.4**	ug/L	1.0	0.31	1		06/26/13 19:46	95-63-6	
1,3,5-Trimethylbenzene	**2.9**	ug/L	1.0	0.36	1		06/26/13 19:46	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/26/13 19:46	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/26/13 19:46	75-01-4	
Xylene (Total)	**4.6**	ug/L	2.0	0.66	1		06/26/13 19:46	1330-20-7	
m&p-Xylene	**2.7**	ug/L	2.0	0.66	1		06/26/13 19:46	179601-23-1	
o-Xylene	**1.8**	ug/L	1.0	0.23	1		06/26/13 19:46	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	108	%			1		06/26/13 19:46	17060-07-0	
Toluene-d8 (S)	99	%			1		06/26/13 19:46	2037-26-5	
4-Bromofluorobenzene (S)	103	%			1		06/26/13 19:46	460-00-4	
Dibromofluoromethane (S)	98	%			1		06/26/13 19:46	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**61.3J**	ug/kg	103	10.3	1		06/18/13 03:32	67-64-1	
Benzene	ND	ug/kg	5.2	1.7	1		06/18/13 03:32	71-43-2	
Bromobenzene	ND	ug/kg	5.2	2.1	1		06/18/13 03:32	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	1.8	1		06/18/13 03:32	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	2.0	1		06/18/13 03:32	75-27-4	
Bromoform	ND	ug/kg	5.2	2.4	1		06/18/13 03:32	75-25-2	
Bromomethane	ND	ug/kg	10.3	2.6	1		06/18/13 03:32	74-83-9	
2-Butanone (MEK)	ND	ug/kg	103	3.0	1		06/18/13 03:32	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1.9	1		06/18/13 03:32	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1.7	1		06/18/13 03:32	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.2	2.1	1		06/18/13 03:32	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.2	2.7	1		06/18/13 03:32	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	2.0	1		06/18/13 03:32	108-90-7	
Chloroethane	ND	ug/kg	10.3	2.5	1		06/18/13 03:32	75-00-3	
Chloroform	**7.8**	ug/kg	5.2	1.7	1		06/18/13 03:32	67-66-3	
Chloromethane	ND	ug/kg	10.3	2.5	1		06/18/13 03:32	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-10-11 **Lab ID: 92161472016** Collected: 06/12/13 14:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.2	1.8	1		06/18/13 03:32	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.2	1.9	1		06/18/13 03:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.2	3.7	1		06/18/13 03:32	96-12-8	
Dibromochloromethane	ND	ug/kg	5.2	1.9	1		06/18/13 03:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	1.9	1		06/18/13 03:32	106-93-4	
Dibromomethane	ND	ug/kg	5.2	2.6	1		06/18/13 03:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.2	2.0	1		06/18/13 03:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	2.1	1		06/18/13 03:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1.8	1		06/18/13 03:32	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.3	3.7	1		06/18/13 03:32	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.2	1.5	1		06/18/13 03:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	2.3	1		06/18/13 03:32	107-06-2	
1,1-Dichloroethene	**202**	ug/kg	5.2	1.9	1		06/18/13 03:32	75-35-4	
cis-1,2-Dichloroethene	**10.5**	ug/kg	5.2	1.4	1		06/18/13 03:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	2.0	1		06/18/13 03:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1.8	1		06/18/13 03:32	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.2	2.0	1		06/18/13 03:32	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.2	1.8	1		06/18/13 03:32	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.2	1.5	1		06/18/13 03:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1.9	1		06/18/13 03:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1.5	1		06/18/13 03:32	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.2	1.8	1		06/18/13 03:32	108-20-3	
Ethylbenzene	ND	ug/kg	5.2	1.9	1		06/18/13 03:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	2.1	1		06/18/13 03:32	87-68-3	
2-Hexanone	ND	ug/kg	51.6	4.0	1		06/18/13 03:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	2.0	1		06/18/13 03:32	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.2	1.8	1		06/18/13 03:32	99-87-6	
Methylene Chloride	ND	ug/kg	20.7	3.1	1		06/18/13 03:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.6	3.8	1		06/18/13 03:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1.5	1		06/18/13 03:32	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1.2	1		06/18/13 03:32	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1.8	1		06/18/13 03:32	103-65-1	
Styrene	ND	ug/kg	5.2	1.9	1		06/18/13 03:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	2.2	1		06/18/13 03:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	2.0	1		06/18/13 03:32	79-34-5	
Tetrachloroethene	**148**	ug/kg	5.2	1.8	1		06/18/13 03:32	127-18-4	
Toluene	ND	ug/kg	5.2	1.9	1		06/18/13 03:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	2.3	1		06/18/13 03:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	1.7	1		06/18/13 03:32	120-82-1	
1,1,1-Trichloroethane	**1230**	ug/kg	5.2	1.9	1		06/18/13 03:32	71-55-6	E
1,1,2-Trichloroethane	**6.2**	ug/kg	5.2	2.2	1		06/18/13 03:32	79-00-5	
Trichloroethene	**25100**	ug/kg	7350	3090	1250		06/18/13 20:16	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.2	2.3	1		06/18/13 03:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.2	1.7	1		06/18/13 03:32	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	2.1	1		06/18/13 03:32	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-10-11 **Lab ID: 92161472016** Collected: 06/12/13 14:40 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1.9	1		06/18/13 03:32	108-67-8	
Vinyl acetate	ND	ug/kg	51.6	9.1	1		06/18/13 03:32	108-05-4	
Vinyl chloride	ND	ug/kg	10.3	1.9	1		06/18/13 03:32	75-01-4	
Xylene (Total)	ND	ug/kg	10.3	3.7	1		06/18/13 03:32	1330-20-7	
m&p-Xylene	ND	ug/kg	10.3	3.7	1		06/18/13 03:32	179601-23-1	
o-Xylene	ND	ug/kg	5.2	2.0	1		06/18/13 03:32	95-47-6	
Surrogates									
Dibromofluoromethane (S)	125	%	70-130		1		06/18/13 03:32	1868-53-7	
Toluene-d8 (S)	96	%	70-130		1		06/18/13 03:32	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		1		06/18/13 03:32	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-132		1		06/18/13 03:32	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**26.2**	%	0.10	0.10	1		06/19/13 08:59		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**3.0**	% (w/w)	0.058	0.058	1		06/14/13 17:53		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-15-16 **Lab ID: 92161472017** Collected: 06/12/13 14:45 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/24/13 11:04								
Acetone	ND	ug/L	125	50.0	5		06/26/13 22:25	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/26/13 22:25	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:25	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/26/13 22:25	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/26/13 22:25	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/26/13 22:25	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/26/13 22:25	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/26/13 22:25	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 22:25	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/26/13 22:25	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 22:25	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/26/13 22:25	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 22:25	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/26/13 22:25	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/26/13 22:25	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/26/13 22:25	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/26/13 22:25	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/26/13 22:25	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/26/13 22:25	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:25	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/26/13 22:25	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/26/13 22:25	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 22:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:25	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:25	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/26/13 22:25	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/26/13 22:25	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/26/13 22:25	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/26/13 22:25	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 22:25	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 22:25	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 22:25	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/26/13 22:25	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/26/13 22:25	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/26/13 22:25	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/26/13 22:25	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/26/13 22:25	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:25	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/26/13 22:25	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/26/13 22:25	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/26/13 22:25	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/26/13 22:25	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/26/13 22:25	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/26/13 22:25	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-15-16 **Lab ID: 92161472017** Collected: 06/12/13 14:45 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/24/13 11:04								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/26/13 22:25	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/26/13 22:25	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/26/13 22:25	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/26/13 22:25	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/26/13 22:25	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/26/13 22:25	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/26/13 22:25	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/26/13 22:25	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:25	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/26/13 22:25	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/26/13 22:25	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/26/13 22:25	79-00-5	
Trichloroethene	**16.6**	ug/L	5.0	2.4	5		06/26/13 22:25	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:25	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/26/13 22:25	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:25	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/26/13 22:25	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/26/13 22:25	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/26/13 22:25	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/26/13 22:25	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/26/13 22:25	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/26/13 22:25	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	114	%			5		06/26/13 22:25	17060-07-0	
Toluene-d8 (S)	98	%			5		06/26/13 22:25	2037-26-5	
4-Bromofluorobenzene (S)	106	%			5		06/26/13 22:25	460-00-4	
Dibromofluoromethane (S)	103	%			5		06/26/13 22:25	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**26.4J**	ug/kg	109	10.9	1		06/18/13 03:51	67-64-1	
Benzene	ND	ug/kg	5.5	1.7	1		06/18/13 03:51	71-43-2	
Bromobenzene	ND	ug/kg	5.5	2.2	1		06/18/13 03:51	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1.9	1		06/18/13 03:51	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	2.1	1		06/18/13 03:51	75-27-4	
Bromoform	ND	ug/kg	5.5	2.5	1		06/18/13 03:51	75-25-2	
Bromomethane	ND	ug/kg	10.9	2.7	1		06/18/13 03:51	74-83-9	
2-Butanone (MEK)	ND	ug/kg	109	3.2	1		06/18/13 03:51	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	2.0	1		06/18/13 03:51	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1.7	1		06/18/13 03:51	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	2.2	1		06/18/13 03:51	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.5	2.8	1		06/18/13 03:51	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	2.1	1		06/18/13 03:51	108-90-7	
Chloroethane	ND	ug/kg	10.9	2.6	1		06/18/13 03:51	75-00-3	
Chloroform	**3.1J**	ug/kg	5.5	1.7	1		06/18/13 03:51	67-66-3	
Chloromethane	ND	ug/kg	10.9	2.6	1		06/18/13 03:51	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-15-16 **Lab ID: 92161472017** Collected: 06/12/13 14:45 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.5	1.9	1		06/18/13 03:51	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	2.0	1		06/18/13 03:51	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	3.9	1		06/18/13 03:51	96-12-8	
Dibromochloromethane	ND	ug/kg	5.5	2.0	1		06/18/13 03:51	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	2.0	1		06/18/13 03:51	106-93-4	
Dibromomethane	ND	ug/kg	5.5	2.7	1		06/18/13 03:51	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	2.1	1		06/18/13 03:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	2.2	1		06/18/13 03:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1.9	1		06/18/13 03:51	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.9	3.9	1		06/18/13 03:51	75-71-8	IO
1,1-Dichloroethane	**1.8J**	ug/kg	5.5	1.6	1		06/18/13 03:51	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	2.4	1		06/18/13 03:51	107-06-2	
1,1-Dichloroethene	**307**	ug/kg	5.5	2.0	1		06/18/13 03:51	75-35-4	E
cis-1,2-Dichloroethene	**22.6**	ug/kg	5.5	1.5	1		06/18/13 03:51	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	2.1	1		06/18/13 03:51	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1.9	1		06/18/13 03:51	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	2.1	1		06/18/13 03:51	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1.9	1		06/18/13 03:51	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1.6	1		06/18/13 03:51	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	2.0	1		06/18/13 03:51	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1.6	1		06/18/13 03:51	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.5	1.9	1		06/18/13 03:51	108-20-3	
Ethylbenzene	ND	ug/kg	5.5	2.0	1		06/18/13 03:51	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	2.2	1		06/18/13 03:51	87-68-3	
2-Hexanone	ND	ug/kg	54.6	4.3	1		06/18/13 03:51	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	2.1	1		06/18/13 03:51	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.5	1.9	1		06/18/13 03:51	99-87-6	
Methylene Chloride	ND	ug/kg	21.8	3.3	1		06/18/13 03:51	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	54.6	4.0	1		06/18/13 03:51	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1.6	1		06/18/13 03:51	1634-04-4	
Naphthalene	ND	ug/kg	5.5	1.3	1		06/18/13 03:51	91-20-3	
n-Propylbenzene	ND	ug/kg	5.5	1.9	1		06/18/13 03:51	103-65-1	
Styrene	ND	ug/kg	5.5	2.0	1		06/18/13 03:51	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	2.3	1		06/18/13 03:51	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	2.1	1		06/18/13 03:51	79-34-5	
Tetrachloroethene	**123**	ug/kg	5.5	1.9	1		06/18/13 03:51	127-18-4	
Toluene	ND	ug/kg	5.5	2.0	1		06/18/13 03:51	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	2.4	1		06/18/13 03:51	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1.7	1		06/18/13 03:51	120-82-1	
1,1,1-Trichloroethane	**961**	ug/kg	5.5	2.0	1		06/18/13 03:51	71-55-6	E
1,1,2-Trichloroethane	**3.5J**	ug/kg	5.5	2.3	1		06/18/13 03:51	79-00-5	
Trichloroethene	**18100**	ug/kg	7830	3290	1250		06/18/13 20:35	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.5	2.4	1		06/18/13 03:51	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1.7	1		06/18/13 03:51	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	2.2	1		06/18/13 03:51	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-15-16 **Lab ID: 92161472017** Collected: 06/12/13 14:45 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	2.0	1		06/18/13 03:51	108-67-8	
Vinyl acetate	ND	ug/kg	54.6	9.6	1		06/18/13 03:51	108-05-4	
Vinyl chloride	ND	ug/kg	10.9	2.0	1		06/18/13 03:51	75-01-4	
Xylene (Total)	ND	ug/kg	10.9	3.9	1		06/18/13 03:51	1330-20-7	
m&p-Xylene	ND	ug/kg	10.9	3.9	1		06/18/13 03:51	179601-23-1	
o-Xylene	ND	ug/kg	5.5	2.1	1		06/18/13 03:51	95-47-6	
Surrogates									
Dibromofluoromethane (S)	134	%	70-130		1		06/18/13 03:51	1868-53-7	S2
Toluene-d8 (S)	79	%	70-130		1		06/18/13 03:51	2037-26-5	
4-Bromofluorobenzene (S)	89	%	70-130		1		06/18/13 03:51	460-00-4	
1,2-Dichloroethane-d4 (S)	142	%	70-132		1		06/18/13 03:51	17060-07-0	S2
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**30.3**	%	0.10	0.10	1		06/19/13 08:59		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.2**	% (w/w)	0.058	0.058	1		06/14/13 17:54		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-20-21 **Lab ID: 92161472018** Collected: 06/12/13 15:00 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/24/13 11:04								
Acetone	ND	ug/L	125	50.0	5		06/26/13 22:41	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/26/13 22:41	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:41	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/26/13 22:41	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/26/13 22:41	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/26/13 22:41	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/26/13 22:41	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/26/13 22:41	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 22:41	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/26/13 22:41	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 22:41	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/26/13 22:41	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 22:41	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/26/13 22:41	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/26/13 22:41	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/26/13 22:41	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/26/13 22:41	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/26/13 22:41	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/26/13 22:41	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:41	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/26/13 22:41	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/26/13 22:41	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:41	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 22:41	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:41	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:41	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/26/13 22:41	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/26/13 22:41	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/26/13 22:41	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/26/13 22:41	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 22:41	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 22:41	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 22:41	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/26/13 22:41	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/26/13 22:41	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/26/13 22:41	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/26/13 22:41	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/26/13 22:41	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:41	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/26/13 22:41	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/26/13 22:41	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/26/13 22:41	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/26/13 22:41	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/26/13 22:41	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/26/13 22:41	108-10-1	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-20-21 **Lab ID: 92161472018** Collected: 06/12/13 15:00 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/24/13 11:04								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/26/13 22:41	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/26/13 22:41	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/26/13 22:41	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/26/13 22:41	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/26/13 22:41	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/26/13 22:41	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/26/13 22:41	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/26/13 22:41	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:41	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/26/13 22:41	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/26/13 22:41	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/26/13 22:41	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 22:41	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:41	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/26/13 22:41	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:41	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/26/13 22:41	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/26/13 22:41	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/26/13 22:41	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/26/13 22:41	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/26/13 22:41	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/26/13 22:41	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	113	%			5		06/26/13 22:41	17060-07-0	
Toluene-d8 (S)	96	%			5		06/26/13 22:41	2037-26-5	
4-Bromofluorobenzene (S)	109	%			5		06/26/13 22:41	460-00-4	
Dibromofluoromethane (S)	102	%			5		06/26/13 22:41	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**14.0J**	ug/kg	93.2	9.3	1		06/18/13 04:10	67-64-1	
Benzene	ND	ug/kg	4.7	1.5	1		06/18/13 04:10	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1.9	1		06/18/13 04:10	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	1.6	1		06/18/13 04:10	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1.8	1		06/18/13 04:10	75-27-4	
Bromoform	ND	ug/kg	4.7	2.1	1		06/18/13 04:10	75-25-2	
Bromomethane	ND	ug/kg	9.3	2.3	1		06/18/13 04:10	74-83-9	
2-Butanone (MEK)	ND	ug/kg	93.2	2.7	1		06/18/13 04:10	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1.7	1		06/18/13 04:10	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1.5	1		06/18/13 04:10	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.7	1.9	1		06/18/13 04:10	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.7	2.4	1		06/18/13 04:10	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1.8	1		06/18/13 04:10	108-90-7	
Chloroethane	ND	ug/kg	9.3	2.2	1		06/18/13 04:10	75-00-3	
Chloroform	**1.5J**	ug/kg	4.7	1.5	1		06/18/13 04:10	67-66-3	
Chloromethane	ND	ug/kg	9.3	2.2	1		06/18/13 04:10	74-87-3	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-20-21 **Lab ID: 92161472018** Collected: 06/12/13 15:00 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	4.7	1.6	1		06/18/13 04:10	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.7	1.7	1		06/18/13 04:10	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	3.4	1		06/18/13 04:10	96-12-8	
Dibromochloromethane	ND	ug/kg	4.7	1.7	1		06/18/13 04:10	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1.7	1		06/18/13 04:10	106-93-4	
Dibromomethane	ND	ug/kg	4.7	2.3	1		06/18/13 04:10	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1.8	1		06/18/13 04:10	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1.9	1		06/18/13 04:10	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1.6	1		06/18/13 04:10	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.3	3.4	1		06/18/13 04:10	75-71-8	
1,1-Dichloroethane	**2.2J**	ug/kg	4.7	1.4	1		06/18/13 04:10	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	2.1	1		06/18/13 04:10	107-06-2	
1,1-Dichloroethene	**278**	ug/kg	4.7	1.7	1		06/18/13 04:10	75-35-4	E
cis-1,2-Dichloroethene	**27.0**	ug/kg	4.7	1.3	1		06/18/13 04:10	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1.8	1		06/18/13 04:10	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1.6	1		06/18/13 04:10	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.7	1.8	1		06/18/13 04:10	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.7	1.6	1		06/18/13 04:10	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.7	1.4	1		06/18/13 04:10	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1.7	1		06/18/13 04:10	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1.4	1		06/18/13 04:10	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.7	1.6	1		06/18/13 04:10	108-20-3	
Ethylbenzene	ND	ug/kg	4.7	1.7	1		06/18/13 04:10	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1.9	1		06/18/13 04:10	87-68-3	
2-Hexanone	ND	ug/kg	46.6	3.6	1		06/18/13 04:10	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1.8	1		06/18/13 04:10	98-82-8	
p-Isopropyltoluene	ND	ug/kg	4.7	1.6	1		06/18/13 04:10	99-87-6	
Methylene Chloride	ND	ug/kg	18.6	2.8	1		06/18/13 04:10	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.6	3.4	1		06/18/13 04:10	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1.4	1		06/18/13 04:10	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1.1	1		06/18/13 04:10	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1.6	1		06/18/13 04:10	103-65-1	
Styrene	ND	ug/kg	4.7	1.7	1		06/18/13 04:10	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	2.0	1		06/18/13 04:10	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1.8	1		06/18/13 04:10	79-34-5	
Tetrachloroethene	**71.7**	ug/kg	4.7	1.6	1		06/18/13 04:10	127-18-4	
Toluene	ND	ug/kg	4.7	1.7	1		06/18/13 04:10	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	2.1	1		06/18/13 04:10	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1.5	1		06/18/13 04:10	120-82-1	
1,1,1-Trichloroethane	**398**	ug/kg	4.7	1.7	1		06/18/13 04:10	71-55-6	E
1,1,2-Trichloroethane	ND	ug/kg	4.7	2.0	1		06/18/13 04:10	79-00-5	
Trichloroethene	**20000**	ug/kg	2990	1260	500		06/18/13 20:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	2.1	1		06/18/13 04:10	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1.5	1		06/18/13 04:10	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1.9	1		06/18/13 04:10	95-63-6	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-20-21 **Lab ID: 92161472018** Collected: 06/12/13 15:00 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1.7	1		06/18/13 04:10	108-67-8	
Vinyl acetate	ND	ug/kg	46.6	8.2	1		06/18/13 04:10	108-05-4	
Vinyl chloride	ND	ug/kg	9.3	1.7	1		06/18/13 04:10	75-01-4	
Xylene (Total)	ND	ug/kg	9.3	3.4	1		06/18/13 04:10	1330-20-7	
m&p-Xylene	ND	ug/kg	9.3	3.4	1		06/18/13 04:10	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1.8	1		06/18/13 04:10	95-47-6	
Surrogates									
Dibromofluoromethane (S)	131	%	70-130		1		06/18/13 04:10	1868-53-7	S2
Toluene-d8 (S)	73	%	70-130		1		06/18/13 04:10	2037-26-5	
4-Bromofluorobenzene (S)	92	%	70-130		1		06/18/13 04:10	460-00-4	
1,2-Dichloroethane-d4 (S)	136	%	70-132		1		06/18/13 04:10	17060-07-0	S2
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**28.4**	%	0.10	0.10	1		06/19/13 08:59		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.9**	% (w/w)	0.058	0.058	1		06/14/13 17:56		FOC

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-15-10-11 **Lab ID: 92161472019** Collected: 06/12/13 12:20 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	100	24.0	20		06/27/13 15:11	71-43-2	
2-Butanone (MEK)	ND	ug/L	200	56.0	20		06/27/13 15:11	78-93-3	
Carbon tetrachloride	ND	ug/L	100	54.0	20		06/27/13 15:11	56-23-5	
Chlorobenzene	ND	ug/L	100	20.0	20		06/27/13 15:11	108-90-7	
Chloroform	ND	ug/L	100	40.0	20		06/27/13 15:11	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	24.0	20		06/27/13 15:11	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	26.0	20		06/27/13 15:11	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	68.0	20		06/27/13 15:11	75-35-4	
Tetrachloroethene	ND	ug/L	100	38.0	20		06/27/13 15:11	127-18-4	
Trichloroethene	ND	ug/L	100	20.0	20		06/27/13 15:11	79-01-6	
Vinyl chloride	ND	ug/L	100	38.0	20		06/27/13 15:11	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	94	%	70-130		20		06/27/13 15:11	17060-07-0	
Toluene-d8 (S)	101	%	67-135		20		06/27/13 15:11	2037-26-5	
4-Bromofluorobenzene (S)	94	%	70-130		20		06/27/13 15:11	460-00-4	
Dibromofluoromethane (S)	87	%	70-130		20		06/27/13 15:11	1868-53-7	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: IDW-Liquid **Lab ID: 92161472020** Collected: 06/12/13 16:15 Received: 06/13/13 12:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	100	24.0	20		06/27/13 15:28	71-43-2	
2-Butanone (MEK)	ND	ug/L	200	56.0	20		06/27/13 15:28	78-93-3	
Carbon tetrachloride	ND	ug/L	100	54.0	20		06/27/13 15:28	56-23-5	
Chlorobenzene	ND	ug/L	100	20.0	20		06/27/13 15:28	108-90-7	
Chloroform	ND	ug/L	100	40.0	20		06/27/13 15:28	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	24.0	20		06/27/13 15:28	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	26.0	20		06/27/13 15:28	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	68.0	20		06/27/13 15:28	75-35-4	
Tetrachloroethene	ND	ug/L	100	38.0	20		06/27/13 15:28	127-18-4	
Trichloroethene	ND	ug/L	100	20.0	20		06/27/13 15:28	79-01-6	
Vinyl chloride	ND	ug/L	100	38.0	20		06/27/13 15:28	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	122	%	70-130		20		06/27/13 15:28	17060-07-0	
Toluene-d8 (S)	99	%	67-135		20		06/27/13 15:28	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130		20		06/27/13 15:28	460-00-4	
Dibromofluoromethane (S)	112	%	70-130		20		06/27/13 15:28	1868-53-7	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: IDW-Soil **Lab ID: 92161472021** Collected: 06/12/13 16:20 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "wet-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV TCLP	Analytical Method: EPA 8260								
Benzene	ND	ug/L	100	24.0	20		06/27/13 15:45	71-43-2	
2-Butanone (MEK)	ND	ug/L	200	56.0	20		06/27/13 15:45	78-93-3	
Carbon tetrachloride	ND	ug/L	100	54.0	20		06/27/13 15:45	56-23-5	
Chlorobenzene	ND	ug/L	100	20.0	20		06/27/13 15:45	108-90-7	
Chloroform	ND	ug/L	100	40.0	20		06/27/13 15:45	67-66-3	
1,4-Dichlorobenzene	ND	ug/L	100	24.0	20		06/27/13 15:45	106-46-7	
1,2-Dichloroethane	ND	ug/L	100	26.0	20		06/27/13 15:45	107-06-2	
1,1-Dichloroethene	ND	ug/L	100	68.0	20		06/27/13 15:45	75-35-4	
Tetrachloroethene	ND	ug/L	100	38.0	20		06/27/13 15:45	127-18-4	
Trichloroethene	ND	ug/L	100	20.0	20		06/27/13 15:45	79-01-6	
Vinyl chloride	ND	ug/L	100	38.0	20		06/27/13 15:45	75-01-4	
Surrogates									
1,2-Dichloroethane-d4 (S)	98	%	70-130		20		06/27/13 15:45	17060-07-0	
Toluene-d8 (S)	101	%	67-135		20		06/27/13 15:45	2037-26-5	
4-Bromofluorobenzene (S)	91	%	70-130		20		06/27/13 15:45	460-00-4	
Dibromofluoromethane (S)	91	%	70-130		20		06/27/13 15:45	1868-53-7	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: Trip Blank **Lab ID: 92161472022** Collected: 06/12/13 00:00 Received: 06/13/13 12:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	ND	ug/L	25.0	10.0	1		06/18/13 03:54	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/18/13 03:54	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/18/13 03:54	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/18/13 03:54	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/18/13 03:54	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/18/13 03:54	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/18/13 03:54	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/18/13 03:54	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/18/13 03:54	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/18/13 03:54	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/18/13 03:54	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/18/13 03:54	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/18/13 03:54	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/18/13 03:54	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/18/13 03:54	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/18/13 03:54	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/18/13 03:54	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/18/13 03:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/18/13 03:54	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/18/13 03:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/18/13 03:54	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/18/13 03:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/18/13 03:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/18/13 03:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/18/13 03:54	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/18/13 03:54	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/18/13 03:54	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/18/13 03:54	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/18/13 03:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/18/13 03:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/18/13 03:54	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/18/13 03:54	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/18/13 03:54	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/18/13 03:54	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/18/13 03:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/18/13 03:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/18/13 03:54	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/18/13 03:54	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/18/13 03:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/18/13 03:54	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/18/13 03:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/18/13 03:54	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/18/13 03:54	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/18/13 03:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/18/13 03:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/18/13 03:54	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: Trip Blank **Lab ID: 92161472022** Collected: 06/12/13 00:00 Received: 06/13/13 12:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Naphthalene	ND	ug/L	1.0	0.24	1		06/18/13 03:54	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/18/13 03:54	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/18/13 03:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/18/13 03:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/18/13 03:54	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/18/13 03:54	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/18/13 03:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/18/13 03:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/18/13 03:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/18/13 03:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/18/13 03:54	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/18/13 03:54	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/18/13 03:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/18/13 03:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/18/13 03:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/18/13 03:54	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/18/13 03:54	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/18/13 03:54	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/18/13 03:54	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/18/13 03:54	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/18/13 03:54	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/18/13 03:54	460-00-4	
Dibromofluoromethane (S)	93	%	70-130		1		06/18/13 03:54	1868-53-7	
1,2-Dichloroethane-d4 (S)	93	%	70-130		1		06/18/13 03:54	17060-07-0	
Toluene-d8 (S)	101	%	70-130		1		06/18/13 03:54	2037-26-5	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: EB-1 **Lab ID: 92161472023** Collected: 06/12/13 15:45 Received: 06/13/13 12:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Acetone	**10.3J**	ug/L	25.0	10.0	1		06/18/13 05:01	67-64-1	
Benzene	ND	ug/L	1.0	0.25	1		06/18/13 05:01	71-43-2	
Bromobenzene	ND	ug/L	1.0	0.30	1		06/18/13 05:01	108-86-1	
Bromochloromethane	ND	ug/L	1.0	0.17	1		06/18/13 05:01	74-97-5	
Bromodichloromethane	ND	ug/L	1.0	0.18	1		06/18/13 05:01	75-27-4	
Bromoform	ND	ug/L	1.0	0.26	1		06/18/13 05:01	75-25-2	
Bromomethane	ND	ug/L	2.0	0.29	1		06/18/13 05:01	74-83-9	
2-Butanone (MEK)	ND	ug/L	5.0	0.96	1		06/18/13 05:01	78-93-3	
n-Butylbenzene	ND	ug/L	1.0	0.41	1		06/18/13 05:01	104-51-8	
sec-Butylbenzene	ND	ug/L	1.0	0.38	1		06/18/13 05:01	135-98-8	
tert-Butylbenzene	ND	ug/L	1.0	0.40	1		06/18/13 05:01	98-06-6	
Carbon tetrachloride	ND	ug/L	1.0	0.25	1		06/18/13 05:01	56-23-5	
Chlorobenzene	ND	ug/L	1.0	0.23	1		06/18/13 05:01	108-90-7	
Chloroethane	ND	ug/L	1.0	0.54	1		06/18/13 05:01	75-00-3	
Chloroform	ND	ug/L	1.0	0.14	1		06/18/13 05:01	67-66-3	
Chloromethane	ND	ug/L	1.0	0.11	1		06/18/13 05:01	74-87-3	
2-Chlorotoluene	ND	ug/L	1.0	0.35	1		06/18/13 05:01	95-49-8	
4-Chlorotoluene	ND	ug/L	1.0	0.31	1		06/18/13 05:01	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	5.0	2.5	1		06/18/13 05:01	96-12-8	
Dibromochloromethane	ND	ug/L	1.0	0.21	1		06/18/13 05:01	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	1.0	0.27	1		06/18/13 05:01	106-93-4	
Dibromomethane	ND	ug/L	1.0	0.21	1		06/18/13 05:01	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	1.0	0.30	1		06/18/13 05:01	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	1.0	0.24	1		06/18/13 05:01	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	1.0	0.33	1		06/18/13 05:01	106-46-7	
Dichlorodifluoromethane	ND	ug/L	1.0	0.21	1		06/18/13 05:01	75-71-8	
1,1-Dichloroethane	ND	ug/L	1.0	0.32	1		06/18/13 05:01	75-34-3	
1,2-Dichloroethane	ND	ug/L	1.0	0.12	1		06/18/13 05:01	107-06-2	
1,1-Dichloroethene	ND	ug/L	1.0	0.56	1		06/18/13 05:01	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	1.0	0.19	1		06/18/13 05:01	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	1.0	0.49	1		06/18/13 05:01	156-60-5	
1,2-Dichloropropane	ND	ug/L	1.0	0.27	1		06/18/13 05:01	78-87-5	
1,3-Dichloropropane	ND	ug/L	1.0	0.28	1		06/18/13 05:01	142-28-9	
2,2-Dichloropropane	ND	ug/L	1.0	0.13	1		06/18/13 05:01	594-20-7	
1,1-Dichloropropene	ND	ug/L	1.0	0.49	1		06/18/13 05:01	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	1.0	0.13	1		06/18/13 05:01	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	1.0	0.26	1		06/18/13 05:01	10061-02-6	
Diisopropyl ether	ND	ug/L	1.0	0.12	1		06/18/13 05:01	108-20-3	
Ethylbenzene	ND	ug/L	1.0	0.30	1		06/18/13 05:01	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	1.0	0.71	1		06/18/13 05:01	87-68-3	
2-Hexanone	ND	ug/L	5.0	0.46	1		06/18/13 05:01	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	1.0	0.40	1		06/18/13 05:01	98-82-8	
p-Isopropyltoluene	ND	ug/L	1.0	0.31	1		06/18/13 05:01	99-87-6	
Methylene Chloride	ND	ug/L	2.0	0.97	1		06/18/13 05:01	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	5.0	0.33	1		06/18/13 05:01	108-10-1	
Methyl-tert-butyl ether	ND	ug/L	1.0	0.21	1		06/18/13 05:01	1634-04-4	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: EB-1 **Lab ID: 92161472023** Collected: 06/12/13 15:45 Received: 06/13/13 12:35 Matrix: Water

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV Low Level	Analytical Method: EPA 8260								
Naphthalene	ND	ug/L	1.0	0.24	1		06/18/13 05:01	91-20-3	
n-Propylbenzene	ND	ug/L	1.0	0.42	1		06/18/13 05:01	103-65-1	
Styrene	ND	ug/L	1.0	0.26	1		06/18/13 05:01	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	1.0	0.33	1		06/18/13 05:01	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	1.0	0.40	1		06/18/13 05:01	79-34-5	
Tetrachloroethene	ND	ug/L	1.0	0.46	1		06/18/13 05:01	127-18-4	
Toluene	ND	ug/L	1.0	0.26	1		06/18/13 05:01	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	1.0	0.33	1		06/18/13 05:01	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	1.0	0.35	1		06/18/13 05:01	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	1.0	0.48	1		06/18/13 05:01	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	1.0	0.29	1		06/18/13 05:01	79-00-5	
Trichloroethene	ND	ug/L	1.0	0.47	1		06/18/13 05:01	79-01-6	
Trichlorofluoromethane	ND	ug/L	1.0	0.20	1		06/18/13 05:01	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	1.0	0.41	1		06/18/13 05:01	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	1.0	0.31	1		06/18/13 05:01	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	1.0	0.36	1		06/18/13 05:01	108-67-8	
Vinyl acetate	ND	ug/L	2.0	0.35	1		06/18/13 05:01	108-05-4	
Vinyl chloride	ND	ug/L	1.0	0.62	1		06/18/13 05:01	75-01-4	
Xylene (Total)	ND	ug/L	2.0	0.66	1		06/18/13 05:01	1330-20-7	
m&p-Xylene	ND	ug/L	2.0	0.66	1		06/18/13 05:01	179601-23-1	
o-Xylene	ND	ug/L	1.0	0.23	1		06/18/13 05:01	95-47-6	
Surrogates									
4-Bromofluorobenzene (S)	91	%	70-130		1		06/18/13 05:01	460-00-4	
Dibromofluoromethane (S)	95	%	70-130		1		06/18/13 05:01	1868-53-7	
1,2-Dichloroethane-d4 (S)	92	%	70-130		1		06/18/13 05:01	17060-07-0	
Toluene-d8 (S)	100	%	70-130		1		06/18/13 05:01	2037-26-5	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-25-26 **Lab ID: 92161472024** Collected: 06/12/13 15:55 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/24/13 11:04								
Acetone	ND	ug/L	125	50.0	5		06/26/13 22:56	67-64-1	D3
Benzene	ND	ug/L	5.0	1.2	5		06/26/13 22:56	71-43-2	
Bromobenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:56	108-86-1	
Bromochloromethane	ND	ug/L	5.0	0.85	5		06/26/13 22:56	74-97-5	
Bromodichloromethane	ND	ug/L	5.0	0.90	5		06/26/13 22:56	75-27-4	
Bromoform	ND	ug/L	5.0	1.3	5		06/26/13 22:56	75-25-2	
Bromomethane	ND	ug/L	10.0	1.4	5		06/26/13 22:56	74-83-9	
2-Butanone (MEK)	ND	ug/L	25.0	4.8	5		06/26/13 22:56	78-93-3	
n-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 22:56	104-51-8	
sec-Butylbenzene	ND	ug/L	5.0	1.9	5		06/26/13 22:56	135-98-8	
tert-Butylbenzene	ND	ug/L	5.0	2.0	5		06/26/13 22:56	98-06-6	
Carbon tetrachloride	ND	ug/L	5.0	1.2	5		06/26/13 22:56	56-23-5	
Chlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 22:56	108-90-7	
Chloroethane	ND	ug/L	5.0	2.7	5		06/26/13 22:56	75-00-3	
Chloroform	ND	ug/L	5.0	0.70	5		06/26/13 22:56	67-66-3	
Chloromethane	ND	ug/L	5.0	0.55	5		06/26/13 22:56	74-87-3	
2-Chlorotoluene	ND	ug/L	5.0	1.8	5		06/26/13 22:56	95-49-8	
4-Chlorotoluene	ND	ug/L	5.0	1.6	5		06/26/13 22:56	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/L	25.0	12.6	5		06/26/13 22:56	96-12-8	
Dibromochloromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:56	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/L	5.0	1.4	5		06/26/13 22:56	106-93-4	
Dibromomethane	ND	ug/L	5.0	1.0	5		06/26/13 22:56	74-95-3	
1,2-Dichlorobenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/L	5.0	1.2	5		06/26/13 22:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:56	106-46-7	
Dichlorodifluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:56	75-71-8	
1,1-Dichloroethane	ND	ug/L	5.0	1.6	5		06/26/13 22:56	75-34-3	
1,2-Dichloroethane	ND	ug/L	5.0	0.60	5		06/26/13 22:56	107-06-2	
1,1-Dichloroethene	ND	ug/L	5.0	2.8	5		06/26/13 22:56	75-35-4	
cis-1,2-Dichloroethene	ND	ug/L	5.0	0.95	5		06/26/13 22:56	156-59-2	
trans-1,2-Dichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 22:56	156-60-5	
1,2-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 22:56	78-87-5	
1,3-Dichloropropane	ND	ug/L	5.0	1.4	5		06/26/13 22:56	142-28-9	
2,2-Dichloropropane	ND	ug/L	5.0	0.65	5		06/26/13 22:56	594-20-7	
1,1-Dichloropropene	ND	ug/L	5.0	2.4	5		06/26/13 22:56	563-58-6	
cis-1,3-Dichloropropene	ND	ug/L	5.0	0.65	5		06/26/13 22:56	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/L	5.0	1.3	5		06/26/13 22:56	10061-02-6	
Diisopropyl ether	ND	ug/L	5.0	0.60	5		06/26/13 22:56	108-20-3	
Ethylbenzene	ND	ug/L	5.0	1.5	5		06/26/13 22:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/L	5.0	3.6	5		06/26/13 22:56	87-68-3	
2-Hexanone	ND	ug/L	25.0	2.3	5		06/26/13 22:56	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/L	5.0	2.0	5		06/26/13 22:56	98-82-8	
p-Isopropyltoluene	ND	ug/L	5.0	1.6	5		06/26/13 22:56	99-87-6	
Methylene Chloride	ND	ug/L	10.0	4.8	5		06/26/13 22:56	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/L	25.0	1.6	5		06/26/13 22:56	108-10-1	

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-25-26 **Lab ID: 92161472024** Collected: 06/12/13 15:55 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260 MSV SPLP	Analytical Method: EPA 8260 Leachate Method/Date: EPA 1312; 06/24/13 11:04								
Methyl-tert-butyl ether	ND	ug/L	5.0	1.0	5		06/26/13 22:56	1634-04-4	
Naphthalene	ND	ug/L	5.0	1.2	5		06/26/13 22:56	91-20-3	
n-Propylbenzene	ND	ug/L	5.0	2.1	5		06/26/13 22:56	103-65-1	
Styrene	ND	ug/L	5.0	1.3	5		06/26/13 22:56	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/L	5.0	1.6	5		06/26/13 22:56	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/L	5.0	2.0	5		06/26/13 22:56	79-34-5	
Tetrachloroethene	ND	ug/L	5.0	2.3	5		06/26/13 22:56	127-18-4	
Toluene	ND	ug/L	5.0	1.3	5		06/26/13 22:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:56	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/L	5.0	1.8	5		06/26/13 22:56	120-82-1	
1,1,1-Trichloroethane	ND	ug/L	5.0	2.4	5		06/26/13 22:56	71-55-6	
1,1,2-Trichloroethane	ND	ug/L	5.0	1.4	5		06/26/13 22:56	79-00-5	
Trichloroethene	ND	ug/L	5.0	2.4	5		06/26/13 22:56	79-01-6	
Trichlorofluoromethane	ND	ug/L	5.0	1.0	5		06/26/13 22:56	75-69-4	
1,2,3-Trichloropropane	ND	ug/L	5.0	2.0	5		06/26/13 22:56	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/L	5.0	1.6	5		06/26/13 22:56	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/L	5.0	1.8	5		06/26/13 22:56	108-67-8	
Vinyl acetate	ND	ug/L	10.0	1.8	5		06/26/13 22:56	108-05-4	
Vinyl chloride	ND	ug/L	5.0	3.1	5		06/26/13 22:56	75-01-4	
Xylene (Total)	ND	ug/L	10.0	3.3	5		06/26/13 22:56	1330-20-7	
m&p-Xylene	ND	ug/L	10.0	3.3	5		06/26/13 22:56	179601-23-1	
o-Xylene	ND	ug/L	5.0	1.2	5		06/26/13 22:56	95-47-6	
Surrogates									
1,2-Dichloroethane-d4 (S)	112	%			5		06/26/13 22:56	17060-07-0	
Toluene-d8 (S)	98	%			5		06/26/13 22:56	2037-26-5	
4-Bromofluorobenzene (S)	106	%			5		06/26/13 22:56	460-00-4	
Dibromofluoromethane (S)	101	%			5		06/26/13 22:56	1868-53-7	
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
Acetone	**12.6J**	ug/kg	109	10.9	1		06/18/13 04:29	67-64-1	
Benzene	ND	ug/kg	5.4	1.7	1		06/18/13 04:29	71-43-2	
Bromobenzene	ND	ug/kg	5.4	2.2	1		06/18/13 04:29	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	1.8	1		06/18/13 04:29	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	2.1	1		06/18/13 04:29	75-27-4	
Bromoform	ND	ug/kg	5.4	2.5	1		06/18/13 04:29	75-25-2	
Bromomethane	ND	ug/kg	10.9	2.7	1		06/18/13 04:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	109	3.1	1		06/18/13 04:29	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	2.0	1		06/18/13 04:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1.7	1		06/18/13 04:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.4	2.2	1		06/18/13 04:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.4	2.8	1		06/18/13 04:29	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	2.1	1		06/18/13 04:29	108-90-7	
Chloroethane	ND	ug/kg	10.9	2.6	1		06/18/13 04:29	75-00-3	
Chloroform	ND	ug/kg	5.4	1.7	1		06/18/13 04:29	67-66-3	
Chloromethane	ND	ug/kg	10.9	2.6	1		06/18/13 04:29	74-87-3	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-25-26 **Lab ID: 92161472024** Collected: 06/12/13 15:55 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
2-Chlorotoluene	ND	ug/kg	5.4	1.8	1		06/18/13 04:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.4	2.0	1		06/18/13 04:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	3.9	1		06/18/13 04:29	96-12-8	
Dibromochloromethane	ND	ug/kg	5.4	2.0	1		06/18/13 04:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	2.0	1		06/18/13 04:29	106-93-4	
Dibromomethane	ND	ug/kg	5.4	2.7	1		06/18/13 04:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.4	2.1	1		06/18/13 04:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	2.2	1		06/18/13 04:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1.8	1		06/18/13 04:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.9	3.9	1		06/18/13 04:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.4	1.6	1		06/18/13 04:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	2.4	1		06/18/13 04:29	107-06-2	
1,1-Dichloroethene	**72.7**	ug/kg	5.4	2.0	1		06/18/13 04:29	75-35-4	
cis-1,2-Dichloroethene	**8.1**	ug/kg	5.4	1.5	1		06/18/13 04:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	2.1	1		06/18/13 04:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1.8	1		06/18/13 04:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.4	2.1	1		06/18/13 04:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.4	1.8	1		06/18/13 04:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.4	1.6	1		06/18/13 04:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	2.0	1		06/18/13 04:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1.6	1		06/18/13 04:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.4	1.8	1		06/18/13 04:29	108-20-3	
Ethylbenzene	ND	ug/kg	5.4	2.0	1		06/18/13 04:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	2.2	1		06/18/13 04:29	87-68-3	
2-Hexanone	ND	ug/kg	54.3	4.2	1		06/18/13 04:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	2.1	1		06/18/13 04:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.4	1.8	1		06/18/13 04:29	99-87-6	
Methylene Chloride	ND	ug/kg	21.7	3.3	1		06/18/13 04:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	54.3	4.0	1		06/18/13 04:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.4	1.6	1		06/18/13 04:29	1634-04-4	
Naphthalene	ND	ug/kg	5.4	1.3	1		06/18/13 04:29	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1.8	1		06/18/13 04:29	103-65-1	
Styrene	ND	ug/kg	5.4	2.0	1		06/18/13 04:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	2.3	1		06/18/13 04:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	2.1	1		06/18/13 04:29	79-34-5	
Tetrachloroethene	**12.1**	ug/kg	5.4	1.8	1		06/18/13 04:29	127-18-4	
Toluene	ND	ug/kg	5.4	2.0	1		06/18/13 04:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	2.4	1		06/18/13 04:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	1.7	1		06/18/13 04:29	120-82-1	
1,1,1-Trichloroethane	**53.0**	ug/kg	5.4	2.0	1		06/18/13 04:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	2.3	1		06/18/13 04:29	79-00-5	
Trichloroethene	**3570**	ug/kg	292	122	50		06/18/13 21:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	2.4	1		06/18/13 04:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.4	1.7	1		06/18/13 04:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.4	2.2	1		06/18/13 04:29	95-63-6	

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ANALYTICAL RESULTS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Sample: RS-17-25-26 **Lab ID: 92161472024** Collected: 06/12/13 15:55 Received: 06/13/13 12:35 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	MDL	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260								
1,3,5-Trimethylbenzene	ND	ug/kg	5.4	2.0	1		06/18/13 04:29	108-67-8	
Vinyl acetate	ND	ug/kg	54.3	9.6	1		06/18/13 04:29	108-05-4	
Vinyl chloride	ND	ug/kg	10.9	2.0	1		06/18/13 04:29	75-01-4	
Xylene (Total)	ND	ug/kg	10.9	3.9	1		06/18/13 04:29	1330-20-7	
m&p-Xylene	ND	ug/kg	10.9	3.9	1		06/18/13 04:29	179601-23-1	
o-Xylene	ND	ug/kg	5.4	2.1	1		06/18/13 04:29	95-47-6	
Surrogates									
Dibromofluoromethane (S)	123	%	70-130		1		06/18/13 04:29	1868-53-7	
Toluene-d8 (S)	91	%	70-130		1		06/18/13 04:29	2037-26-5	
4-Bromofluorobenzene (S)	96	%	70-130		1		06/18/13 04:29	460-00-4	
1,2-Dichloroethane-d4 (S)	126	%	70-132		1		06/18/13 04:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87								
Percent Moisture	**18.2**	%	0.10	0.10	1		06/18/13 09:45		
Fractional Organic Carbon	Analytical Method: ASTM D2974-87								
Fractional Organic Carbon	**1.4**	% (w/w)	0.058	0.058	1		06/14/13 17:57		FOC

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: MSV/23382
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV SPLP
Associated Lab Samples: 92161472001

METHOD BLANK: 997420
Matrix: Water
Associated Lab Samples: 92161472001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,1-Dichloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,1-Dichloroethene	ug/L	ND	1.0	06/22/13 04:58	
1,1-Dichloropropene	ug/L	ND	1.0	06/22/13 04:58	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/22/13 04:58	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/22/13 04:58	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/22/13 04:58	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/22/13 04:58	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
1,2-Dichloroethane	ug/L	ND	1.0	06/22/13 04:58	
1,2-Dichloropropane	ug/L	ND	1.0	06/22/13 04:58	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/22/13 04:58	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
1,3-Dichloropropane	ug/L	ND	1.0	06/22/13 04:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
2,2-Dichloropropane	ug/L	ND	1.0	06/22/13 04:58	
2-Butanone (MEK)	ug/L	ND	5.0	06/22/13 04:58	
2-Chlorotoluene	ug/L	ND	1.0	06/22/13 04:58	
2-Hexanone	ug/L	ND	5.0	06/22/13 04:58	
4-Chlorotoluene	ug/L	ND	1.0	06/22/13 04:58	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/22/13 04:58	
Acetone	ug/L	ND	25.0	06/22/13 04:58	
Benzene	ug/L	ND	1.0	06/22/13 04:58	
Bromobenzene	ug/L	ND	1.0	06/22/13 04:58	
Bromochloromethane	ug/L	ND	1.0	06/22/13 04:58	
Bromodichloromethane	ug/L	ND	1.0	06/22/13 04:58	
Bromoform	ug/L	ND	1.0	06/22/13 04:58	
Bromomethane	ug/L	ND	2.0	06/22/13 04:58	
Carbon tetrachloride	ug/L	ND	1.0	06/22/13 04:58	
Chlorobenzene	ug/L	ND	1.0	06/22/13 04:58	
Chloroethane	ug/L	ND	1.0	06/22/13 04:58	
Chloroform	ug/L	ND	1.0	06/22/13 04:58	
Chloromethane	ug/L	ND	1.0	06/22/13 04:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/22/13 04:58	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/22/13 04:58	
Dibromochloromethane	ug/L	ND	1.0	06/22/13 04:58	
Dibromomethane	ug/L	ND	1.0	06/22/13 04:58	
Dichlorodifluoromethane	ug/L	ND	1.0	06/22/13 04:58	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

METHOD BLANK: 997420 Matrix: Water

Associated Lab Samples: 92161472001

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/22/13 04:58	
Ethylbenzene	ug/L	ND	1.0	06/22/13 04:58	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/22/13 04:58	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/22/13 04:58	
m&p-Xylene	ug/L	ND	2.0	06/22/13 04:58	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/22/13 04:58	
Methylene Chloride	ug/L	ND	2.0	06/22/13 04:58	
n-Butylbenzene	ug/L	ND	1.0	06/22/13 04:58	
n-Propylbenzene	ug/L	ND	1.0	06/22/13 04:58	
Naphthalene	ug/L	ND	1.0	06/22/13 04:58	
o-Xylene	ug/L	ND	1.0	06/22/13 04:58	
p-Isopropyltoluene	ug/L	ND	1.0	06/22/13 04:58	
sec-Butylbenzene	ug/L	ND	1.0	06/22/13 04:58	
Styrene	ug/L	ND	1.0	06/22/13 04:58	
tert-Butylbenzene	ug/L	ND	1.0	06/22/13 04:58	
Tetrachloroethene	ug/L	ND	1.0	06/22/13 04:58	
Toluene	ug/L	ND	1.0	06/22/13 04:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/22/13 04:58	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/22/13 04:58	
Trichloroethene	ug/L	ND	1.0	06/22/13 04:58	
Trichlorofluoromethane	ug/L	ND	1.0	06/22/13 04:58	
Vinyl acetate	ug/L	ND	2.0	06/22/13 04:58	
Vinyl chloride	ug/L	ND	1.0	06/22/13 04:58	
Xylene (Total)	ug/L	ND	2.0	06/22/13 04:58	
1,2-Dichloroethane-d4 (S)	%	101	70-130	06/22/13 04:58	
4-Bromofluorobenzene (S)	%	108	70-130	06/22/13 04:58	
Dibromofluoromethane (S)	%	113	70-130	06/22/13 04:58	
Toluene-d8 (S)	%	105	70-130	06/22/13 04:58	

LABORATORY CONTROL SAMPLE: 997421

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	45.5	91	70-130	
1,1,1-Trichloroethane	ug/L	50	56.6	113	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	44.5	89	70-130	
1,1,2-Trichloroethane	ug/L	50	53.3	107	70-130	
1,1-Dichloroethane	ug/L	50	55.4	111	70-130	
1,1-Dichloroethene	ug/L	50	52.5	105	70-132	
1,1-Dichloropropene	ug/L	50	55.4	111	70-130	
1,2,3-Trichlorobenzene	ug/L	50	39.3	79	70-135	
1,2,3-Trichloropropane	ug/L	50	43.1	86	70-130	
1,2,4-Trichlorobenzene	ug/L	50	39.5	79	70-134	
1,2,4-Trimethylbenzene	ug/L	50	39.5	79	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	38.5	77	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	45.7	91	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 997421

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	50	43.6	87	70-130	
1,2-Dichloroethane	ug/L	50	53.4	107	70-130	
1,2-Dichloropropane	ug/L	50	47.7	95	70-130	
1,3,5-Trimethylbenzene	ug/L	50	39.5	79	70-130	
1,3-Dichlorobenzene	ug/L	50	41.5	83	70-130	
1,3-Dichloropropane	ug/L	50	41.2	82	70-130	
1,4-Dichlorobenzene	ug/L	50	42.3	85	70-130	
2,2-Dichloropropane	ug/L	50	42.9	86	58-145	
2-Butanone (MEK)	ug/L	100	104	104	70-145	
2-Chlorotoluene	ug/L	50	41.4	83	70-130	
2-Hexanone	ug/L	100	78.5	79	70-144	
4-Chlorotoluene	ug/L	50	42.2	84	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	96.5	97	70-140	
Acetone	ug/L	100	92.7	93	50-175	
Benzene	ug/L	50	51.0	102	70-130	
Bromobenzene	ug/L	50	39.0	78	70-130	
Bromochloromethane	ug/L	50	55.8	112	70-130	
Bromodichloromethane	ug/L	50	49.9	100	70-130	
Bromoform	ug/L	50	43.5	87	70-130	
Bromomethane	ug/L	50	55.7	111	54-130	F3
Carbon tetrachloride	ug/L	50	52.6	105	70-132	
Chlorobenzene	ug/L	50	45.6	91	70-130	
Chloroethane	ug/L	50	56.4	113	64-134	
Chloroform	ug/L	50	53.6	107	70-130	
Chloromethane	ug/L	50	39.1	78	64-130	
cis-1,2-Dichloroethene	ug/L	50	53.6	107	70-131	
cis-1,3-Dichloropropene	ug/L	50	47.9	96	70-130	
Dibromochloromethane	ug/L	50	43.6	87	70-130	
Dibromomethane	ug/L	50	56.3	113	70-131	
Dichlorodifluoromethane	ug/L	50	53.0	106	56-130	
Diisopropyl ether	ug/L	50	50.2	100	70-130	
Ethylbenzene	ug/L	50	44.5	89	70-130	
Hexachloro-1,3-butadiene	ug/L	50	37.8	76	70-130	
Isopropylbenzene (Cumene)	ug/L	50	46.7	93	70-130	
m&p-Xylene	ug/L	100	91.2	91	70-130	
Methyl-tert-butyl ether	ug/L	50	55.6	111	70-130	
Methylene Chloride	ug/L	50	48.5	97	63-130	
n-Butylbenzene	ug/L	50	39.2	78	70-130	
n-Propylbenzene	ug/L	50	40.7	81	70-130	
Naphthalene	ug/L	50	38.6	77	70-138	
o-Xylene	ug/L	50	46.0	92	70-130	
p-Isopropyltoluene	ug/L	50	41.4	83	70-130	
sec-Butylbenzene	ug/L	50	41.0	82	70-130	
Styrene	ug/L	50	46.9	94	70-130	
tert-Butylbenzene	ug/L	50	40.7	81	70-130	
Tetrachloroethene	ug/L	50	45.9	92	70-130	
Toluene	ug/L	50	52.8	106	70-130	
trans-1,2-Dichloroethene	ug/L	50	53.8	108	70-130	

REPORT OF LABORATORY ANALYSIS

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(704)875-9092

QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 997421

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	50	47.7	95	70-132	
Trichloroethene	ug/L	50	51.5	103	70-130	
Trichlorofluoromethane	ug/L	50	57.1	114	62-133	
Vinyl acetate	ug/L	100	103	103	66-157	
Vinyl chloride	ug/L	50	54.9	110	69-130	
Xylene (Total)	ug/L	150	137	91	70-130	
1,2-Dichloroethane-d4 (S)	%			97	70-130	
4-Bromofluorobenzene (S)	%			111	70-130	
Dibromofluoromethane (S)	%			104	70-130	
Toluene-d8 (S)	%			103	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 997422 997423

Parameter	Units	92161315024 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	56.7	54.7	113	109		4		
Benzene	ug/L	ND	50	50	61.7	61.1	123	122		1		
Chlorobenzene	ug/L	ND	50	50	50.8	48.5	102	97		5		
Toluene	ug/L	2.0	50	50	63.8	63.7	123	123		0		
Trichloroethene	ug/L	ND	50	50	69.2	65.7	138	131		5		
1,2-Dichloroethane-d4 (S)	%						104	101				
4-Bromofluorobenzene (S)	%						107	106				
Dibromofluoromethane (S)	%						114	110				
Toluene-d8 (S)	%						105	106				

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: MSV/23445 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV SPLP
Associated Lab Samples: 92161472003, 92161472004, 92161472005, 92161472006, 92161472007, 92161472009, 92161472010, 92161472011, 92161472012, 92161472013, 92161472014, 92161472015, 92161472016, 92161472017, 92161472018, 92161472024

METHOD BLANK: 999859 Matrix: Water
Associated Lab Samples: 92161472003, 92161472004, 92161472005, 92161472006, 92161472007, 92161472009, 92161472010, 92161472011, 92161472012, 92161472013, 92161472014, 92161472015, 92161472016, 92161472017, 92161472018, 92161472024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/26/13 17:55	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/26/13 17:55	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/26/13 17:55	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/26/13 17:55	
1,1-Dichloroethane	ug/L	ND	1.0	06/26/13 17:55	
1,1-Dichloroethene	ug/L	ND	1.0	06/26/13 17:55	
1,1-Dichloropropene	ug/L	ND	1.0	06/26/13 17:55	
1,2,3-Trichlorobenzene	ug/L	1.4	1.0	06/26/13 17:55	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/26/13 17:55	
1,2,4-Trichlorobenzene	ug/L	0.98J	1.0	06/26/13 17:55	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/26/13 17:55	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/26/13 17:55	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/26/13 17:55	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/26/13 17:55	
1,2-Dichloroethane	ug/L	ND	1.0	06/26/13 17:55	
1,2-Dichloropropane	ug/L	ND	1.0	06/26/13 17:55	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/26/13 17:55	
1,3-Dichlorobenzene	ug/L	0.25J	1.0	06/26/13 17:55	
1,3-Dichloropropane	ug/L	ND	1.0	06/26/13 17:55	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/26/13 17:55	
2,2-Dichloropropane	ug/L	ND	1.0	06/26/13 17:55	
2-Butanone (MEK)	ug/L	ND	5.0	06/26/13 17:55	
2-Chlorotoluene	ug/L	ND	1.0	06/26/13 17:55	
2-Hexanone	ug/L	ND	5.0	06/26/13 17:55	
4-Chlorotoluene	ug/L	ND	1.0	06/26/13 17:55	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/26/13 17:55	
Acetone	ug/L	ND	25.0	06/26/13 17:55	
Benzene	ug/L	ND	1.0	06/26/13 17:55	
Bromobenzene	ug/L	ND	1.0	06/26/13 17:55	
Bromochloromethane	ug/L	ND	1.0	06/26/13 17:55	
Bromodichloromethane	ug/L	ND	1.0	06/26/13 17:55	
Bromoform	ug/L	ND	1.0	06/26/13 17:55	
Bromomethane	ug/L	0.87J	2.0	06/26/13 17:55	
Carbon tetrachloride	ug/L	ND	1.0	06/26/13 17:55	
Chlorobenzene	ug/L	ND	1.0	06/26/13 17:55	
Chloroethane	ug/L	ND	1.0	06/26/13 17:55	
Chloroform	ug/L	ND	1.0	06/26/13 17:55	
Chloromethane	ug/L	ND	1.0	06/26/13 17:55	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/26/13 17:55	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

METHOD BLANK: 999859 Matrix: Water

Associated Lab Samples: 92161472003, 92161472004, 92161472005, 92161472006, 92161472007, 92161472009, 92161472010, 92161472011, 92161472012, 92161472013, 92161472014, 92161472015, 92161472016, 92161472017, 92161472018, 92161472024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/26/13 17:55	
Dibromochloromethane	ug/L	ND	1.0	06/26/13 17:55	
Dibromomethane	ug/L	ND	1.0	06/26/13 17:55	
Dichlorodifluoromethane	ug/L	ND	1.0	06/26/13 17:55	
Diisopropyl ether	ug/L	ND	1.0	06/26/13 17:55	
Ethylbenzene	ug/L	ND	1.0	06/26/13 17:55	
Hexachloro-1,3-butadiene	ug/L	5.0	1.0	06/26/13 17:55	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/26/13 17:55	
m&p-Xylene	ug/L	ND	2.0	06/26/13 17:55	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/26/13 17:55	
Methylene Chloride	ug/L	ND	2.0	06/26/13 17:55	
n-Butylbenzene	ug/L	0.81J	1.0	06/26/13 17:55	
n-Propylbenzene	ug/L	ND	1.0	06/26/13 17:55	
Naphthalene	ug/L	0.89J	1.0	06/26/13 17:55	
o-Xylene	ug/L	ND	1.0	06/26/13 17:55	
p-Isopropyltoluene	ug/L	0.36J	1.0	06/26/13 17:55	
sec-Butylbenzene	ug/L	ND	1.0	06/26/13 17:55	
Styrene	ug/L	ND	1.0	06/26/13 17:55	
tert-Butylbenzene	ug/L	ND	1.0	06/26/13 17:55	
Tetrachloroethene	ug/L	ND	1.0	06/26/13 17:55	
Toluene	ug/L	0.43J	1.0	06/26/13 17:55	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/26/13 17:55	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/26/13 17:55	
Trichloroethene	ug/L	ND	1.0	06/26/13 17:55	
Trichlorofluoromethane	ug/L	ND	1.0	06/26/13 17:55	
Vinyl acetate	ug/L	ND	2.0	06/26/13 17:55	
Vinyl chloride	ug/L	ND	1.0	06/26/13 17:55	
Xylene (Total)	ug/L	ND	2.0	06/26/13 17:55	
1,2-Dichloroethane-d4 (S)	%	99	70-130	06/26/13 17:55	
4-Bromofluorobenzene (S)	%	102	70-130	06/26/13 17:55	
Dibromofluoromethane (S)	%	97	70-130	06/26/13 17:55	
Toluene-d8 (S)	%	98	70-130	06/26/13 17:55	

LABORATORY CONTROL SAMPLE: 999860

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	54.6	109	70-130	
1,1,1-Trichloroethane	ug/L	50	56.5	113	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	52.3	105	70-130	
1,1,2-Trichloroethane	ug/L	50	55.8	112	70-130	
1,1-Dichloroethane	ug/L	50	52.2	104	70-130	
1,1-Dichloroethene	ug/L	50	52.7	105	70-132	
1,1-Dichloropropene	ug/L	50	68.4	137	70-130	L0,SS
1,2,3-Trichlorobenzene	ug/L	50	69.4	139	70-135	L0

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 999860

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,3-Trichloropropane	ug/L	50	55.6	111	70-130	
1,2,4-Trichlorobenzene	ug/L	50	68.6	137	70-134	L0
1,2,4-Trimethylbenzene	ug/L	50	56.0	112	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	54.5	109	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	54.2	108	70-130	
1,2-Dichlorobenzene	ug/L	50	55.2	110	70-130	
1,2-Dichloroethane	ug/L	50	50.5	101	70-130	
1,2-Dichloropropane	ug/L	50	59.7	119	70-130	
1,3,5-Trimethylbenzene	ug/L	50	55.9	112	70-130	
1,3-Dichlorobenzene	ug/L	50	53.6	107	70-130	
1,3-Dichloropropane	ug/L	50	60.6	121	70-130	
1,4-Dichlorobenzene	ug/L	50	53.7	107	70-130	
2,2-Dichloropropane	ug/L	50	60.8	122	58-145	
2-Butanone (MEK)	ug/L	100	114	114	70-145	
2-Chlorotoluene	ug/L	50	55.8	112	70-130	
2-Hexanone	ug/L	100	116	116	70-144	
4-Chlorotoluene	ug/L	50	55.6	111	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	108	108	70-140	
Acetone	ug/L	100	113	113	50-175	
Benzene	ug/L	50	53.6	107	70-130	
Bromobenzene	ug/L	50	53.9	108	70-130	
Bromochloromethane	ug/L	50	55.3	111	70-130	
Bromodichloromethane	ug/L	50	55.3	111	70-130	
Bromoform	ug/L	50	56.0	112	70-130	
Bromomethane	ug/L	50	78.8	158	54-130	L0,SS
Carbon tetrachloride	ug/L	50	56.6	113	70-132	
Chlorobenzene	ug/L	50	54.3	109	70-130	
Chloroethane	ug/L	50	62.3	125	64-134	
Chloroform	ug/L	50	52.3	105	70-130	
Chloromethane	ug/L	50	65.8	132	64-130	L0
cis-1,2-Dichloroethene	ug/L	50	54.5	109	70-131	
cis-1,3-Dichloropropene	ug/L	50	55.6	111	70-130	
Dibromochloromethane	ug/L	50	57.8	116	70-130	
Dibromomethane	ug/L	50	54.8	110	70-131	
Dichlorodifluoromethane	ug/L	50	50.7	101	56-130	
Diisopropyl ether	ug/L	50	54.8	110	70-130	
Ethylbenzene	ug/L	50	55.0	110	70-130	
Hexachloro-1,3-butadiene	ug/L	50	72.6	145	70-130	F3,L0
Isopropylbenzene (Cumene)	ug/L	50	56.1	112	70-130	
m&p-Xylene	ug/L	100	107	107	70-130	
Methyl-tert-butyl ether	ug/L	50	55.8	112	70-130	
Methylene Chloride	ug/L	50	52.1	104	63-130	
n-Butylbenzene	ug/L	50	65.2	130	70-130	
n-Propylbenzene	ug/L	50	53.8	108	70-130	
Naphthalene	ug/L	50	61.8	124	70-138	
o-Xylene	ug/L	50	54.0	108	70-130	
p-Isopropyltoluene	ug/L	50	63.4	127	70-130	
sec-Butylbenzene	ug/L	50	58.7	117	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 999860

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Styrene	ug/L	50	54.1	108	70-130	
tert-Butylbenzene	ug/L	50	55.7	111	70-130	
Tetrachloroethene	ug/L	50	56.7	113	70-130	
Toluene	ug/L	50	55.8	112	70-130	
trans-1,2-Dichloroethene	ug/L	50	56.9	114	70-130	
trans-1,3-Dichloropropene	ug/L	50	62.3	125	70-132	
Trichloroethene	ug/L	50	53.8	108	70-130	
Trichlorofluoromethane	ug/L	50	56.4	113	62-133	
Vinyl acetate	ug/L	100	13.6	14	66-157	L0,SS
Vinyl chloride	ug/L	50	64.9	130	69-130	
Xylene (Total)	ug/L	150	161	107	70-130	
1,2-Dichloroethane-d4 (S)	%			109	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			101	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 999861 999862

Parameter	Units	92161472009 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND	50	50	60.8	58.0	122	116		5		
Benzene	ug/L	ND	50	50	61.9	60.5	124	121		2		
Chlorobenzene	ug/L	ND	50	50	61.2	59.6	122	119		3		
Toluene	ug/L	4.8	50	50	67.4	68.0	125	126		1		
Trichloroethene	ug/L	81.5	50	50	148	142	132	121		4		
1,2-Dichloroethane-d4 (S)	%						105	98				
4-Bromofluorobenzene (S)	%						102	100				
Dibromofluoromethane (S)	%						99	95				
Toluene-d8 (S)	%						97	93				

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: MSV/23446
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV SPLP
Associated Lab Samples: 92161472008

METHOD BLANK: 999889
Matrix: Water
Associated Lab Samples: 92161472008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/27/13 05:34	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/27/13 05:34	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/27/13 05:34	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/27/13 05:34	
1,1-Dichloroethane	ug/L	ND	1.0	06/27/13 05:34	
1,1-Dichloroethene	ug/L	ND	1.0	06/27/13 05:34	
1,1-Dichloropropene	ug/L	ND	1.0	06/27/13 05:34	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/27/13 05:34	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/27/13 05:34	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/27/13 05:34	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/27/13 05:34	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/27/13 05:34	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/27/13 05:34	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/27/13 05:34	
1,2-Dichloroethane	ug/L	ND	1.0	06/27/13 05:34	
1,2-Dichloropropane	ug/L	ND	1.0	06/27/13 05:34	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/27/13 05:34	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/27/13 05:34	
1,3-Dichloropropane	ug/L	ND	1.0	06/27/13 05:34	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/27/13 05:34	
2,2-Dichloropropane	ug/L	ND	1.0	06/27/13 05:34	
2-Butanone (MEK)	ug/L	ND	5.0	06/27/13 05:34	
2-Chlorotoluene	ug/L	ND	1.0	06/27/13 05:34	
2-Hexanone	ug/L	ND	5.0	06/27/13 05:34	
4-Chlorotoluene	ug/L	ND	1.0	06/27/13 05:34	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/27/13 05:34	
Acetone	ug/L	ND	25.0	06/27/13 05:34	
Benzene	ug/L	ND	1.0	06/27/13 05:34	
Bromobenzene	ug/L	ND	1.0	06/27/13 05:34	
Bromochloromethane	ug/L	ND	1.0	06/27/13 05:34	
Bromodichloromethane	ug/L	ND	1.0	06/27/13 05:34	
Bromoform	ug/L	ND	1.0	06/27/13 05:34	
Bromomethane	ug/L	ND	2.0	06/27/13 05:34	
Carbon tetrachloride	ug/L	ND	1.0	06/27/13 05:34	
Chlorobenzene	ug/L	ND	1.0	06/27/13 05:34	
Chloroethane	ug/L	ND	1.0	06/27/13 05:34	
Chloroform	ug/L	ND	1.0	06/27/13 05:34	
Chloromethane	ug/L	ND	1.0	06/27/13 05:34	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/27/13 05:34	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/27/13 05:34	
Dibromochloromethane	ug/L	ND	1.0	06/27/13 05:34	
Dibromomethane	ug/L	ND	1.0	06/27/13 05:34	
Dichlorodifluoromethane	ug/L	ND	1.0	06/27/13 05:34	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

METHOD BLANK: 999889 Matrix: Water

Associated Lab Samples: 92161472008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/27/13 05:34	
Ethylbenzene	ug/L	ND	1.0	06/27/13 05:34	
Hexachloro-1,3-butadiene	ug/L	1.9	1.0	06/27/13 05:34	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/27/13 05:34	
m&p-Xylene	ug/L	ND	2.0	06/27/13 05:34	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/27/13 05:34	
Methylene Chloride	ug/L	ND	2.0	06/27/13 05:34	
n-Butylbenzene	ug/L	ND	1.0	06/27/13 05:34	
n-Propylbenzene	ug/L	ND	1.0	06/27/13 05:34	
Naphthalene	ug/L	ND	1.0	06/27/13 05:34	
o-Xylene	ug/L	ND	1.0	06/27/13 05:34	
p-Isopropyltoluene	ug/L	ND	1.0	06/27/13 05:34	
sec-Butylbenzene	ug/L	ND	1.0	06/27/13 05:34	
Styrene	ug/L	ND	1.0	06/27/13 05:34	
tert-Butylbenzene	ug/L	ND	1.0	06/27/13 05:34	
Tetrachloroethene	ug/L	ND	1.0	06/27/13 05:34	
Toluene	ug/L	ND	1.0	06/27/13 05:34	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/27/13 05:34	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/27/13 05:34	
Trichloroethene	ug/L	ND	1.0	06/27/13 05:34	
Trichlorofluoromethane	ug/L	ND	1.0	06/27/13 05:34	
Vinyl acetate	ug/L	ND	2.0	06/27/13 05:34	
Vinyl chloride	ug/L	ND	1.0	06/27/13 05:34	
Xylene (Total)	ug/L	ND	2.0	06/27/13 05:34	
1,2-Dichloroethane-d4 (S)	%	98	70-130	06/27/13 05:34	
4-Bromofluorobenzene (S)	%	105	70-130	06/27/13 05:34	
Dibromofluoromethane (S)	%	92	70-130	06/27/13 05:34	
Toluene-d8 (S)	%	96	70-130	06/27/13 05:34	

LABORATORY CONTROL SAMPLE: 999890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	53.7	107	70-130	
1,1,1-Trichloroethane	ug/L	50	49.1	98	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	50.1	100	70-130	
1,1,2-Trichloroethane	ug/L	50	54.5	109	70-130	
1,1-Dichloroethane	ug/L	50	46.1	92	70-130	
1,1-Dichloroethene	ug/L	50	49.1	98	70-132	
1,1-Dichloropropene	ug/L	50	59.2	118	70-130	F3
1,2,3-Trichlorobenzene	ug/L	50	58.0	116	70-135	
1,2,3-Trichloropropane	ug/L	50	56.7	113	70-130	
1,2,4-Trichlorobenzene	ug/L	50	57.4	115	70-134	
1,2,4-Trimethylbenzene	ug/L	50	54.5	109	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	55.7	111	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	51.4	103	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 999890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	50	54.5	109	70-130	
1,2-Dichloroethane	ug/L	50	46.6	93	70-130	
1,2-Dichloropropane	ug/L	50	53.4	107	70-130	
1,3,5-Trimethylbenzene	ug/L	50	54.0	108	70-130	
1,3-Dichlorobenzene	ug/L	50	53.4	107	70-130	
1,3-Dichloropropane	ug/L	50	58.1	116	70-130	
1,4-Dichlorobenzene	ug/L	50	52.9	106	70-130	
2,2-Dichloropropane	ug/L	50	46.0	92	58-145	
2-Butanone (MEK)	ug/L	100	89.6	90	70-145	
2-Chlorotoluene	ug/L	50	54.5	109	70-130	
2-Hexanone	ug/L	100	116	116	70-144	
4-Chlorotoluene	ug/L	50	54.2	108	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	107	107	70-140	
Acetone	ug/L	100	85.8	86	50-175	
Benzene	ug/L	50	52.0	104	70-130	
Bromobenzene	ug/L	50	54.3	109	70-130	
Bromochloromethane	ug/L	50	48.7	97	70-130	
Bromodichloromethane	ug/L	50	52.9	106	70-130	
Bromoform	ug/L	50	55.6	111	70-130	
Bromomethane	ug/L	50	59.6	119	54-130	F3
Carbon tetrachloride	ug/L	50	55.2	110	70-132	
Chlorobenzene	ug/L	50	51.3	103	70-130	
Chloroethane	ug/L	50	49.5	99	64-134	
Chloroform	ug/L	50	46.9	94	70-130	
Chloromethane	ug/L	50	53.0	106	64-130	
cis-1,2-Dichloroethene	ug/L	50	47.3	95	70-131	
cis-1,3-Dichloropropene	ug/L	50	51.3	103	70-130	
Dibromochloromethane	ug/L	50	55.5	111	70-130	
Dibromomethane	ug/L	50	51.2	102	70-131	
Dichlorodifluoromethane	ug/L	50	44.9	90	56-130	
Diisopropyl ether	ug/L	50	49.3	99	70-130	
Ethylbenzene	ug/L	50	52.1	104	70-130	
Hexachloro-1,3-butadiene	ug/L	50	55.0	110	70-130	F3
Isopropylbenzene (Cumene)	ug/L	50	51.8	104	70-130	
m&p-Xylene	ug/L	100	104	104	70-130	
Methyl-tert-butyl ether	ug/L	50	49.7	99	70-130	
Methylene Chloride	ug/L	50	45.6	91	63-130	
n-Butylbenzene	ug/L	50	57.2	114	70-130	
n-Propylbenzene	ug/L	50	52.5	105	70-130	
Naphthalene	ug/L	50	58.5	117	70-138	
o-Xylene	ug/L	50	50.4	101	70-130	
p-Isopropyltoluene	ug/L	50	56.2	112	70-130	
sec-Butylbenzene	ug/L	50	52.7	105	70-130	
Styrene	ug/L	50	51.2	102	70-130	
tert-Butylbenzene	ug/L	50	52.7	105	70-130	
Tetrachloroethene	ug/L	50	52.8	106	70-130	
Toluene	ug/L	50	52.1	104	70-130	
trans-1,2-Dichloroethene	ug/L	50	49.3	99	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 999890

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	50	58.7	117	70-132	
Trichloroethene	ug/L	50	51.5	103	70-130	
Trichlorofluoromethane	ug/L	50	50.4	101	62-133	
Vinyl acetate	ug/L	100	12.4	12	66-157	L0,SS
Vinyl chloride	ug/L	50	49.4	99	69-130	
Xylene (Total)	ug/L	150	155	103	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			95	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: MSV/23456
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV SPLP
Associated Lab Samples: 92161472002

METHOD BLANK: 1001073
Matrix: Water
Associated Lab Samples: 92161472002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/28/13 01:33	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/28/13 01:33	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/28/13 01:33	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/28/13 01:33	
1,1-Dichloroethane	ug/L	ND	1.0	06/28/13 01:33	
1,1-Dichloroethene	ug/L	ND	1.0	06/28/13 01:33	
1,1-Dichloropropene	ug/L	ND	1.0	06/28/13 01:33	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/28/13 01:33	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/28/13 01:33	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/28/13 01:33	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/28/13 01:33	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/28/13 01:33	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/28/13 01:33	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/28/13 01:33	
1,2-Dichloroethane	ug/L	ND	1.0	06/28/13 01:33	
1,2-Dichloropropane	ug/L	ND	1.0	06/28/13 01:33	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/28/13 01:33	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/28/13 01:33	
1,3-Dichloropropane	ug/L	ND	1.0	06/28/13 01:33	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/28/13 01:33	
2,2-Dichloropropane	ug/L	ND	1.0	06/28/13 01:33	
2-Butanone (MEK)	ug/L	ND	5.0	06/28/13 01:33	
2-Chlorotoluene	ug/L	ND	1.0	06/28/13 01:33	
2-Hexanone	ug/L	ND	5.0	06/28/13 01:33	
4-Chlorotoluene	ug/L	ND	1.0	06/28/13 01:33	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/28/13 01:33	
Acetone	ug/L	ND	25.0	06/28/13 01:33	
Benzene	ug/L	ND	1.0	06/28/13 01:33	
Bromobenzene	ug/L	ND	1.0	06/28/13 01:33	
Bromochloromethane	ug/L	ND	1.0	06/28/13 01:33	
Bromodichloromethane	ug/L	ND	1.0	06/28/13 01:33	
Bromoform	ug/L	ND	1.0	06/28/13 01:33	
Bromomethane	ug/L	ND	2.0	06/28/13 01:33	
Carbon tetrachloride	ug/L	ND	1.0	06/28/13 01:33	
Chlorobenzene	ug/L	ND	1.0	06/28/13 01:33	
Chloroethane	ug/L	ND	1.0	06/28/13 01:33	
Chloroform	ug/L	ND	1.0	06/28/13 01:33	
Chloromethane	ug/L	ND	1.0	06/28/13 01:33	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/28/13 01:33	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/28/13 01:33	
Dibromochloromethane	ug/L	ND	1.0	06/28/13 01:33	
Dibromomethane	ug/L	ND	1.0	06/28/13 01:33	
Dichlorodifluoromethane	ug/L	ND	1.0	06/28/13 01:33	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

METHOD BLANK: 1001073 Matrix: Water

Associated Lab Samples: 92161472002

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/28/13 01:33	
Ethylbenzene	ug/L	ND	1.0	06/28/13 01:33	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/28/13 01:33	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/28/13 01:33	
m&p-Xylene	ug/L	ND	2.0	06/28/13 01:33	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/28/13 01:33	
Methylene Chloride	ug/L	ND	2.0	06/28/13 01:33	
n-Butylbenzene	ug/L	ND	1.0	06/28/13 01:33	
n-Propylbenzene	ug/L	ND	1.0	06/28/13 01:33	
Naphthalene	ug/L	ND	1.0	06/28/13 01:33	
o-Xylene	ug/L	ND	1.0	06/28/13 01:33	
p-Isopropyltoluene	ug/L	ND	1.0	06/28/13 01:33	
sec-Butylbenzene	ug/L	ND	1.0	06/28/13 01:33	
Styrene	ug/L	ND	1.0	06/28/13 01:33	
tert-Butylbenzene	ug/L	ND	1.0	06/28/13 01:33	
Tetrachloroethene	ug/L	ND	1.0	06/28/13 01:33	
Toluene	ug/L	ND	1.0	06/28/13 01:33	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/28/13 01:33	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/28/13 01:33	
Trichloroethene	ug/L	ND	1.0	06/28/13 01:33	
Trichlorofluoromethane	ug/L	ND	1.0	06/28/13 01:33	
Vinyl acetate	ug/L	ND	2.0	06/28/13 01:33	
Vinyl chloride	ug/L	ND	1.0	06/28/13 01:33	
Xylene (Total)	ug/L	ND	2.0	06/28/13 01:33	
1,2-Dichloroethane-d4 (S)	%	102	70-130	06/28/13 01:33	
4-Bromofluorobenzene (S)	%	94	70-130	06/28/13 01:33	
Dibromofluoromethane (S)	%	98	70-130	06/28/13 01:33	
Toluene-d8 (S)	%	98	70-130	06/28/13 01:33	

LABORATORY CONTROL SAMPLE: 1001074

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	46.7	93	70-130	
1,1,1-Trichloroethane	ug/L	50	47.5	95	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	44.4	89	70-130	
1,1,2-Trichloroethane	ug/L	50	48.5	97	70-130	
1,1-Dichloroethane	ug/L	50	45.1	90	70-130	
1,1-Dichloroethene	ug/L	50	47.6	95	70-132	
1,1-Dichloropropene	ug/L	50	51.3	103	70-130	
1,2,3-Trichlorobenzene	ug/L	50	45.6	91	70-135	
1,2,3-Trichloropropane	ug/L	50	48.8	98	70-130	
1,2,4-Trichlorobenzene	ug/L	50	46.0	92	70-134	
1,2,4-Trimethylbenzene	ug/L	50	45.2	90	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	46.7	93	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	47.3	95	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 1001074

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	50	46.3	93	70-130	
1,2-Dichloroethane	ug/L	50	45.7	91	70-130	
1,2-Dichloropropane	ug/L	50	47.4	95	70-130	
1,3,5-Trimethylbenzene	ug/L	50	44.9	90	70-130	
1,3-Dichlorobenzene	ug/L	50	44.4	89	70-130	
1,3-Dichloropropane	ug/L	50	49.3	99	70-130	
1,4-Dichlorobenzene	ug/L	50	44.9	90	70-130	
2,2-Dichloropropane	ug/L	50	37.7	75	58-145	
2-Butanone (MEK)	ug/L	100	99.8	100	70-145	
2-Chlorotoluene	ug/L	50	44.5	89	70-130	
2-Hexanone	ug/L	100	100	100	70-144	
4-Chlorotoluene	ug/L	50	43.7	87	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	98.4	98	70-140	
Acetone	ug/L	100	107	107	50-175	
Benzene	ug/L	50	42.7	85	70-130	
Bromobenzene	ug/L	50	43.2	86	70-130	
Bromochloromethane	ug/L	50	48.2	96	70-130	
Bromodichloromethane	ug/L	50	47.1	94	70-130	
Bromoform	ug/L	50	42.2	84	70-130	
Bromomethane	ug/L	50	43.2	86	54-130	
Carbon tetrachloride	ug/L	50	49.3	99	70-132	
Chlorobenzene	ug/L	50	45.4	91	70-130	
Chloroethane	ug/L	50	49.5	99	64-134	
Chloroform	ug/L	50	44.0	88	70-130	
Chloromethane	ug/L	50	44.3	89	64-130	
cis-1,2-Dichloroethene	ug/L	50	44.3	89	70-131	
cis-1,3-Dichloropropene	ug/L	50	48.2	96	70-130	
Dibromochloromethane	ug/L	50	45.2	90	70-130	
Dibromomethane	ug/L	50	47.1	94	70-131	
Dichlorodifluoromethane	ug/L	50	43.6	87	56-130	
Diisopropyl ether	ug/L	50	46.1	92	70-130	
Ethylbenzene	ug/L	50	44.8	90	70-130	
Hexachloro-1,3-butadiene	ug/L	50	42.6	85	70-130	
Isopropylbenzene (Cumene)	ug/L	50	44.4	89	70-130	
m&p-Xylene	ug/L	100	91.1	91	70-130	
Methyl-tert-butyl ether	ug/L	50	47.7	95	70-130	
Methylene Chloride	ug/L	50	48.0	96	63-130	
n-Butylbenzene	ug/L	50	44.2	88	70-130	
n-Propylbenzene	ug/L	50	42.6	85	70-130	
Naphthalene	ug/L	50	49.9	100	70-138	
o-Xylene	ug/L	50	43.1	86	70-130	
p-Isopropyltoluene	ug/L	50	46.7	93	70-130	
sec-Butylbenzene	ug/L	50	43.9	88	70-130	
Styrene	ug/L	50	45.4	91	70-130	
tert-Butylbenzene	ug/L	50	42.7	85	70-130	
Tetrachloroethene	ug/L	50	46.5	93	70-130	
Toluene	ug/L	50	43.7	87	70-130	
trans-1,2-Dichloroethene	ug/L	50	43.3	87	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 1001074

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	50	46.3	93	70-132	
Trichloroethene	ug/L	50	44.3	89	70-130	
Trichlorofluoromethane	ug/L	50	49.3	99	62-133	
Vinyl acetate	ug/L	100	11.1	11	66-157	L0
Vinyl chloride	ug/L	50	44.2	88	69-130	
Xylene (Total)	ug/L	150	134	89	70-130	
1,2-Dichloroethane-d4 (S)	%			100	70-130	
4-Bromofluorobenzene (S)	%			98	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			98	70-130	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: MSV/23448 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV TCLP
Associated Lab Samples: 92161472013, 92161472019, 92161472020, 92161472021

METHOD BLANK: 1000579 Matrix: Water
Associated Lab Samples: 92161472013, 92161472019, 92161472020, 92161472021

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1-Dichloroethene	ug/L	ND	5.0	06/27/13 12:20	
1,2-Dichloroethane	ug/L	ND	5.0	06/27/13 12:20	
1,4-Dichlorobenzene	ug/L	ND	5.0	06/27/13 12:20	
2-Butanone (MEK)	ug/L	22.6	10.0	06/27/13 12:20	1g
Benzene	ug/L	ND	5.0	06/27/13 12:20	
Carbon tetrachloride	ug/L	ND	5.0	06/27/13 12:20	
Chlorobenzene	ug/L	ND	5.0	06/27/13 12:20	
Chloroform	ug/L	ND	5.0	06/27/13 12:20	
Tetrachloroethene	ug/L	ND	5.0	06/27/13 12:20	
Trichloroethene	ug/L	ND	5.0	06/27/13 12:20	
Vinyl chloride	ug/L	ND	5.0	06/27/13 12:20	
1,2-Dichloroethane-d4 (S)	%	88	70-130	06/27/13 12:20	
4-Bromofluorobenzene (S)	%	94	70-130	06/27/13 12:20	
Dibromofluoromethane (S)	%	86	70-130	06/27/13 12:20	
Toluene-d8 (S)	%	100	67-135	06/27/13 12:20	

LABORATORY CONTROL SAMPLE: 1000580

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	50	64.2	128	70-141	
1,2-Dichloroethane	ug/L	50	54.6	109	70-139	
1,4-Dichlorobenzene	ug/L	50	56.0	112	70-141	
2-Butanone (MEK)	ug/L	100	88.9	89	63-150	
Benzene	ug/L	50	55.4	111	70-132	
Carbon tetrachloride	ug/L	50	60.2	120	70-150	
Chlorobenzene	ug/L	50	54.7	109	70-134	
Chloroform	ug/L	50	58.6	117	70-130	
Tetrachloroethene	ug/L	50	57.2	114	70-137	
Trichloroethene	ug/L	50	54.7	109	70-131	
Vinyl chloride	ug/L	50	64.4	129	56-144	
1,2-Dichloroethane-d4 (S)	%			96	70-130	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			105	70-130	
Toluene-d8 (S)	%			101	67-135	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1000725 1000726

Parameter	Units	92161472014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
1,1-Dichloroethene	ug/L	ND			54.2	55.0				1	30	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 1000725 1000726

Parameter	Units	92161472014 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND			59.5	58.8				1	30	
Chlorobenzene	ug/L	ND			58.5	58.3				0	30	
Trichloroethene	ug/L	93600 ug/kg			61.9	61.7				0	30	
1,2-Dichloroethane-d4 (S)	%						85	88	70-130			
4-Bromofluorobenzene (S)	%						92	91	70-130			
Dibromofluoromethane (S)	%						83	83	70-130			
Toluene-d8 (S)	%						98	96	67-135			

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: MSV/23337
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV Low Level
Associated Lab Samples: 92161472022, 92161472023

METHOD BLANK: 994235
Matrix: Water
Associated Lab Samples: 92161472022, 92161472023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	1.0	06/18/13 01:58	
1,1,1-Trichloroethane	ug/L	ND	1.0	06/18/13 01:58	
1,1,2,2-Tetrachloroethane	ug/L	ND	1.0	06/18/13 01:58	
1,1,2-Trichloroethane	ug/L	ND	1.0	06/18/13 01:58	
1,1-Dichloroethane	ug/L	ND	1.0	06/18/13 01:58	
1,1-Dichloroethene	ug/L	ND	1.0	06/18/13 01:58	
1,1-Dichloropropene	ug/L	ND	1.0	06/18/13 01:58	
1,2,3-Trichlorobenzene	ug/L	ND	1.0	06/18/13 01:58	
1,2,3-Trichloropropane	ug/L	ND	1.0	06/18/13 01:58	
1,2,4-Trichlorobenzene	ug/L	ND	1.0	06/18/13 01:58	
1,2,4-Trimethylbenzene	ug/L	ND	1.0	06/18/13 01:58	
1,2-Dibromo-3-chloropropane	ug/L	ND	5.0	06/18/13 01:58	
1,2-Dibromoethane (EDB)	ug/L	ND	1.0	06/18/13 01:58	
1,2-Dichlorobenzene	ug/L	ND	1.0	06/18/13 01:58	
1,2-Dichloroethane	ug/L	ND	1.0	06/18/13 01:58	
1,2-Dichloropropane	ug/L	ND	1.0	06/18/13 01:58	
1,3,5-Trimethylbenzene	ug/L	ND	1.0	06/18/13 01:58	
1,3-Dichlorobenzene	ug/L	ND	1.0	06/18/13 01:58	
1,3-Dichloropropane	ug/L	ND	1.0	06/18/13 01:58	
1,4-Dichlorobenzene	ug/L	ND	1.0	06/18/13 01:58	
2,2-Dichloropropane	ug/L	ND	1.0	06/18/13 01:58	
2-Butanone (MEK)	ug/L	ND	5.0	06/18/13 01:58	
2-Chlorotoluene	ug/L	ND	1.0	06/18/13 01:58	
2-Hexanone	ug/L	ND	5.0	06/18/13 01:58	
4-Chlorotoluene	ug/L	ND	1.0	06/18/13 01:58	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	5.0	06/18/13 01:58	
Acetone	ug/L	ND	25.0	06/18/13 01:58	
Benzene	ug/L	ND	1.0	06/18/13 01:58	
Bromobenzene	ug/L	ND	1.0	06/18/13 01:58	
Bromochloromethane	ug/L	ND	1.0	06/18/13 01:58	
Bromodichloromethane	ug/L	ND	1.0	06/18/13 01:58	
Bromoform	ug/L	ND	1.0	06/18/13 01:58	
Bromomethane	ug/L	ND	2.0	06/18/13 01:58	
Carbon tetrachloride	ug/L	ND	1.0	06/18/13 01:58	
Chlorobenzene	ug/L	ND	1.0	06/18/13 01:58	
Chloroethane	ug/L	ND	1.0	06/18/13 01:58	
Chloroform	ug/L	ND	1.0	06/18/13 01:58	
Chloromethane	ug/L	ND	1.0	06/18/13 01:58	
cis-1,2-Dichloroethene	ug/L	ND	1.0	06/18/13 01:58	
cis-1,3-Dichloropropene	ug/L	ND	1.0	06/18/13 01:58	
Dibromochloromethane	ug/L	ND	1.0	06/18/13 01:58	
Dibromomethane	ug/L	ND	1.0	06/18/13 01:58	
Dichlorodifluoromethane	ug/L	ND	1.0	06/18/13 01:58	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

METHOD BLANK: 994235 Matrix: Water

Associated Lab Samples: 92161472022, 92161472023

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/L	ND	1.0	06/18/13 01:58	
Ethylbenzene	ug/L	ND	1.0	06/18/13 01:58	
Hexachloro-1,3-butadiene	ug/L	ND	1.0	06/18/13 01:58	
Isopropylbenzene (Cumene)	ug/L	ND	1.0	06/18/13 01:58	
m&p-Xylene	ug/L	ND	2.0	06/18/13 01:58	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/18/13 01:58	
Methylene Chloride	ug/L	ND	2.0	06/18/13 01:58	
n-Butylbenzene	ug/L	ND	1.0	06/18/13 01:58	
n-Propylbenzene	ug/L	ND	1.0	06/18/13 01:58	
Naphthalene	ug/L	ND	1.0	06/18/13 01:58	
o-Xylene	ug/L	ND	1.0	06/18/13 01:58	
p-Isopropyltoluene	ug/L	ND	1.0	06/18/13 01:58	
sec-Butylbenzene	ug/L	ND	1.0	06/18/13 01:58	
Styrene	ug/L	ND	1.0	06/18/13 01:58	
tert-Butylbenzene	ug/L	ND	1.0	06/18/13 01:58	
Tetrachloroethene	ug/L	ND	1.0	06/18/13 01:58	
Toluene	ug/L	ND	1.0	06/18/13 01:58	
trans-1,2-Dichloroethene	ug/L	ND	1.0	06/18/13 01:58	
trans-1,3-Dichloropropene	ug/L	ND	1.0	06/18/13 01:58	
Trichloroethene	ug/L	ND	1.0	06/18/13 01:58	
Trichlorofluoromethane	ug/L	ND	1.0	06/18/13 01:58	
Vinyl acetate	ug/L	ND	2.0	06/18/13 01:58	
Vinyl chloride	ug/L	ND	1.0	06/18/13 01:58	
Xylene (Total)	ug/L	ND	2.0	06/18/13 01:58	
1,2-Dichloroethane-d4 (S)	%	92	70-130	06/18/13 01:58	
4-Bromofluorobenzene (S)	%	92	70-130	06/18/13 01:58	
Dibromofluoromethane (S)	%	96	70-130	06/18/13 01:58	
Toluene-d8 (S)	%	102	70-130	06/18/13 01:58	

LABORATORY CONTROL SAMPLE: 994236

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	50	43.6	87	70-130	
1,1,1-Trichloroethane	ug/L	50	43.8	88	70-130	
1,1,2,2-Tetrachloroethane	ug/L	50	51.6	103	70-130	
1,1,2-Trichloroethane	ug/L	50	50.8	102	70-130	
1,1-Dichloroethane	ug/L	50	46.6	93	70-130	
1,1-Dichloroethene	ug/L	50	41.1	82	70-132	
1,1-Dichloropropene	ug/L	50	44.3	89	70-130	
1,2,3-Trichlorobenzene	ug/L	50	46.8	94	70-135	
1,2,3-Trichloropropane	ug/L	50	45.0	90	70-130	
1,2,4-Trichlorobenzene	ug/L	50	45.8	92	70-134	
1,2,4-Trimethylbenzene	ug/L	50	47.6	95	70-130	
1,2-Dibromo-3-chloropropane	ug/L	50	48.1	96	70-130	
1,2-Dibromoethane (EDB)	ug/L	50	49.2	98	70-130	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 994236

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/L	50	49.1	98	70-130	
1,2-Dichloroethane	ug/L	50	41.2	82	70-130	
1,2-Dichloropropane	ug/L	50	44.7	89	70-130	
1,3,5-Trimethylbenzene	ug/L	50	46.2	92	70-130	
1,3-Dichlorobenzene	ug/L	50	47.4	95	70-130	
1,3-Dichloropropane	ug/L	50	46.7	93	70-130	
1,4-Dichlorobenzene	ug/L	50	47.3	95	70-130	
2,2-Dichloropropane	ug/L	50	39.1	78	58-145	
2-Butanone (MEK)	ug/L	100	96.6	97	70-145	
2-Chlorotoluene	ug/L	50	47.7	95	70-130	
2-Hexanone	ug/L	100	105	105	70-144	
4-Chlorotoluene	ug/L	50	47.8	96	70-130	
4-Methyl-2-pentanone (MIBK)	ug/L	100	104	104	70-140	
Acetone	ug/L	100	91.6	92	50-175	
Benzene	ug/L	50	46.1	92	70-130	
Bromobenzene	ug/L	50	46.2	92	70-130	
Bromochloromethane	ug/L	50	47.0	94	70-130	
Bromodichloromethane	ug/L	50	46.1	92	70-130	
Bromoform	ug/L	50	43.7	87	70-130	
Bromomethane	ug/L	50	30.6	61	54-130	
Carbon tetrachloride	ug/L	50	40.7	81	70-132	
Chlorobenzene	ug/L	50	48.8	98	70-130	
Chloroethane	ug/L	50	48.5	97	64-134	
Chloroform	ug/L	50	44.2	88	70-130	
Chloromethane	ug/L	50	53.0	106	64-130	
cis-1,2-Dichloroethene	ug/L	50	44.8	90	70-131	
cis-1,3-Dichloropropene	ug/L	50	41.6	83	70-130	
Dibromochloromethane	ug/L	50	44.7	89	70-130	
Dibromomethane	ug/L	50	48.3	97	70-131	
Dichlorodifluoromethane	ug/L	50	38.9	78	56-130	
Diisopropyl ether	ug/L	50	49.0	98	70-130	
Ethylbenzene	ug/L	50	47.9	96	70-130	
Hexachloro-1,3-butadiene	ug/L	50	43.1	86	70-130	
Isopropylbenzene (Cumene)	ug/L	50	47.6	95	70-130	
m&p-Xylene	ug/L	100	96.6	97	70-130	
Methyl-tert-butyl ether	ug/L	50	48.4	97	70-130	
Methylene Chloride	ug/L	50	46.2	92	63-130	
n-Butylbenzene	ug/L	50	46.4	93	70-130	
n-Propylbenzene	ug/L	50	46.4	93	70-130	
Naphthalene	ug/L	50	50.7	101	70-138	
o-Xylene	ug/L	50	47.0	94	70-130	
p-Isopropyltoluene	ug/L	50	48.6	97	70-130	
sec-Butylbenzene	ug/L	50	48.6	97	70-130	
Styrene	ug/L	50	50.4	101	70-130	
tert-Butylbenzene	ug/L	50	45.8	92	70-130	
Tetrachloroethene	ug/L	50	47.3	95	70-130	
Toluene	ug/L	50	47.9	96	70-130	
trans-1,2-Dichloroethene	ug/L	50	43.4	87	70-130	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 994236

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/L	50	41.7	83	70-132	
Trichloroethene	ug/L	50	43.0	86	70-130	
Trichlorofluoromethane	ug/L	50	38.9	78	62-133	
Vinyl acetate	ug/L	100	93.1	93	66-157	
Vinyl chloride	ug/L	50	46.7	93	69-130	
Xylene (Total)	ug/L	150	144	96	70-130	
1,2-Dichloroethane-d4 (S)	%			92	70-130	
4-Bromofluorobenzene (S)	%			99	70-130	
Dibromofluoromethane (S)	%			95	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 994541

Parameter	Units	92161423005 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/L	ND	50	48.6	97	70-166	
Benzene	ug/L	ND	50	54.7	109	70-148	
Chlorobenzene	ug/L	ND	50	52.2	104	70-146	
Toluene	ug/L	ND	50	52.6	105	70-155	
Trichloroethene	ug/L	ND	50	53.9	108	69-151	
1,2-Dichloroethane-d4 (S)	%				92	70-130	
4-Bromofluorobenzene (S)	%				89	70-130	
Dibromofluoromethane (S)	%				94	70-130	
Toluene-d8 (S)	%				100	70-130	

SAMPLE DUPLICATE: 994619

Parameter	Units	92161423004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,1-Trichloroethane	ug/L	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/L	ND	ND		30	
1,1,2-Trichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethane	ug/L	ND	ND		30	
1,1-Dichloroethene	ug/L	ND	ND		30	
1,1-Dichloropropene	ug/L	ND	ND		30	
1,2,3-Trichlorobenzene	ug/L	ND	ND		30	
1,2,3-Trichloropropane	ug/L	ND	ND		30	
1,2,4-Trichlorobenzene	ug/L	ND	ND		30	
1,2,4-Trimethylbenzene	ug/L	ND	ND		30	
1,2-Dibromo-3-chloropropane	ug/L	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/L	ND	ND		30	
1,2-Dichlorobenzene	ug/L	ND	ND		30	
1,2-Dichloroethane	ug/L	ND	ND		30	
1,2-Dichloropropane	ug/L	ND	ND		30	
1,3,5-Trimethylbenzene	ug/L	ND	ND		30	
1,3-Dichlorobenzene	ug/L	ND	ND		30	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

SAMPLE DUPLICATE: 994619

Parameter	Units	92161423004 Result	Dup Result	RPD	Max RPD	Qualifiers
1,3-Dichloropropane	ug/L	ND	ND		30	
1,4-Dichlorobenzene	ug/L	ND	ND		30	
2,2-Dichloropropane	ug/L	ND	ND		30	
2-Butanone (MEK)	ug/L	ND	ND		30	
2-Chlorotoluene	ug/L	ND	ND		30	
2-Hexanone	ug/L	ND	ND		30	
4-Chlorotoluene	ug/L	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/L	ND	ND		30	
Acetone	ug/L	ND	ND		30	
Benzene	ug/L	ND	ND		30	
Bromobenzene	ug/L	ND	ND		30	
Bromochloromethane	ug/L	ND	ND		30	
Bromodichloromethane	ug/L	ND	ND		30	
Bromoform	ug/L	ND	ND		30	
Bromomethane	ug/L	ND	ND		30	
Carbon tetrachloride	ug/L	ND	ND		30	
Chlorobenzene	ug/L	ND	ND		30	
Chloroethane	ug/L	ND	ND		30	
Chloroform	ug/L	ND	ND		30	
Chloromethane	ug/L	ND	ND		30	
cis-1,2-Dichloroethene	ug/L	ND	ND		30	
cis-1,3-Dichloropropene	ug/L	ND	ND		30	
Dibromochloromethane	ug/L	ND	ND		30	
Dibromomethane	ug/L	ND	ND		30	
Dichlorodifluoromethane	ug/L	ND	ND		30	
Diisopropyl ether	ug/L	ND	ND		30	
Ethylbenzene	ug/L	ND	ND		30	
Hexachloro-1,3-butadiene	ug/L	ND	ND		30	
Isopropylbenzene (Cumene)	ug/L	ND	ND		30	
m&p-Xylene	ug/L	ND	ND		30	
Methyl-tert-butyl ether	ug/L	ND	ND		30	
Methylene Chloride	ug/L	ND	ND		30	
n-Butylbenzene	ug/L	ND	ND		30	
n-Propylbenzene	ug/L	ND	ND		30	
Naphthalene	ug/L	ND	ND		30	
o-Xylene	ug/L	ND	ND		30	
p-Isopropyltoluene	ug/L	ND	ND		30	
sec-Butylbenzene	ug/L	ND	ND		30	
Styrene	ug/L	ND	ND		30	
tert-Butylbenzene	ug/L	ND	ND		30	
Tetrachloroethene	ug/L	ND	ND		30	
Toluene	ug/L	ND	ND		30	
trans-1,2-Dichloroethene	ug/L	ND	ND		30	
trans-1,3-Dichloropropene	ug/L	ND	ND		30	
Trichloroethene	ug/L	ND	ND		30	
Trichlorofluoromethane	ug/L	ND	ND		30	
Vinyl acetate	ug/L	ND	ND		30	
Vinyl chloride	ug/L	ND	ND		30	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

SAMPLE DUPLICATE: 994619

Parameter	Units	92161423004 Result	Dup Result	RPD	Max RPD	Qualifiers
Xylene (Total)	ug/L	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	92	92	0		
4-Bromofluorobenzene (S)	%	91	89	1		IU
Dibromofluoromethane (S)	%	94	95	1		
Toluene-d8 (S)	%	101	99	2		

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: MSV/23327 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92161472001, 92161472002, 92161472003, 92161472004, 92161472005, 92161472006, 92161472007, 92161472008, 92161472009, 92161472010, 92161472012, 92161472013, 92161472014, 92161472015

METHOD BLANK: 994046 Matrix: Solid
Associated Lab Samples: 92161472001, 92161472002, 92161472003, 92161472004, 92161472005, 92161472006, 92161472007, 92161472008, 92161472009, 92161472010, 92161472012, 92161472013, 92161472014, 92161472015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	6.8	06/17/13 18:27	
1,1,1-Trichloroethane	ug/kg	ND	6.8	06/17/13 18:27	
1,1,2,2-Tetrachloroethane	ug/kg	ND	6.8	06/17/13 18:27	
1,1,2-Trichloroethane	ug/kg	ND	6.8	06/17/13 18:27	
1,1-Dichloroethane	ug/kg	ND	6.8	06/17/13 18:27	
1,1-Dichloroethene	ug/kg	ND	6.8	06/17/13 18:27	
1,1-Dichloropropene	ug/kg	ND	6.8	06/17/13 18:27	
1,2,3-Trichlorobenzene	ug/kg	ND	6.8	06/17/13 18:27	
1,2,3-Trichloropropane	ug/kg	ND	6.8	06/17/13 18:27	
1,2,4-Trichlorobenzene	ug/kg	ND	6.8	06/17/13 18:27	
1,2,4-Trimethylbenzene	ug/kg	ND	6.8	06/17/13 18:27	
1,2-Dibromo-3-chloropropane	ug/kg	ND	6.8	06/17/13 18:27	
1,2-Dibromoethane (EDB)	ug/kg	ND	6.8	06/17/13 18:27	
1,2-Dichlorobenzene	ug/kg	ND	6.8	06/17/13 18:27	
1,2-Dichloroethane	ug/kg	ND	6.8	06/17/13 18:27	
1,2-Dichloropropane	ug/kg	ND	6.8	06/17/13 18:27	
1,3,5-Trimethylbenzene	ug/kg	ND	6.8	06/17/13 18:27	
1,3-Dichlorobenzene	ug/kg	ND	6.8	06/17/13 18:27	
1,3-Dichloropropane	ug/kg	ND	6.8	06/17/13 18:27	
1,4-Dichlorobenzene	ug/kg	ND	6.8	06/17/13 18:27	
2,2-Dichloropropane	ug/kg	ND	6.8	06/17/13 18:27	
2-Butanone (MEK)	ug/kg	ND	136	06/17/13 18:27	
2-Chlorotoluene	ug/kg	ND	6.8	06/17/13 18:27	
2-Hexanone	ug/kg	ND	67.9	06/17/13 18:27	
4-Chlorotoluene	ug/kg	ND	6.8	06/17/13 18:27	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	67.9	06/17/13 18:27	
Acetone	ug/kg	ND	136	06/17/13 18:27	
Benzene	ug/kg	ND	6.8	06/17/13 18:27	
Bromobenzene	ug/kg	ND	6.8	06/17/13 18:27	
Bromochloromethane	ug/kg	ND	6.8	06/17/13 18:27	
Bromodichloromethane	ug/kg	ND	6.8	06/17/13 18:27	
Bromoform	ug/kg	ND	6.8	06/17/13 18:27	
Bromomethane	ug/kg	ND	13.6	06/17/13 18:27	
Carbon tetrachloride	ug/kg	ND	6.8	06/17/13 18:27	
Chlorobenzene	ug/kg	ND	6.8	06/17/13 18:27	
Chloroethane	ug/kg	ND	13.6	06/17/13 18:27	
Chloroform	ug/kg	ND	6.8	06/17/13 18:27	
Chloromethane	ug/kg	ND	13.6	06/17/13 18:27	
cis-1,2-Dichloroethene	ug/kg	ND	6.8	06/17/13 18:27	
cis-1,3-Dichloropropene	ug/kg	ND	6.8	06/17/13 18:27	
Dibromochloromethane	ug/kg	ND	6.8	06/17/13 18:27	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

METHOD BLANK: 994046 Matrix: Solid

Associated Lab Samples: 92161472001, 92161472002, 92161472003, 92161472004, 92161472005, 92161472006, 92161472007, 92161472008, 92161472009, 92161472010, 92161472012, 92161472013, 92161472014, 92161472015

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	6.8	06/17/13 18:27	
Dichlorodifluoromethane	ug/kg	ND	13.6	06/17/13 18:27	
Diisopropyl ether	ug/kg	ND	6.8	06/17/13 18:27	
Ethylbenzene	ug/kg	ND	6.8	06/17/13 18:27	
Hexachloro-1,3-butadiene	ug/kg	ND	6.8	06/17/13 18:27	
Isopropylbenzene (Cumene)	ug/kg	ND	6.8	06/17/13 18:27	
m&p-Xylene	ug/kg	ND	13.6	06/17/13 18:27	
Methyl-tert-butyl ether	ug/kg	ND	6.8	06/17/13 18:27	
Methylene Chloride	ug/kg	ND	27.2	06/17/13 18:27	
n-Butylbenzene	ug/kg	ND	6.8	06/17/13 18:27	
n-Propylbenzene	ug/kg	ND	6.8	06/17/13 18:27	
Naphthalene	ug/kg	2.3J	6.8	06/17/13 18:27	
o-Xylene	ug/kg	ND	6.8	06/17/13 18:27	
p-Isopropyltoluene	ug/kg	ND	6.8	06/17/13 18:27	
sec-Butylbenzene	ug/kg	ND	6.8	06/17/13 18:27	
Styrene	ug/kg	ND	6.8	06/17/13 18:27	
tert-Butylbenzene	ug/kg	ND	6.8	06/17/13 18:27	
Tetrachloroethene	ug/kg	ND	6.8	06/17/13 18:27	
Toluene	ug/kg	ND	6.8	06/17/13 18:27	
trans-1,2-Dichloroethene	ug/kg	ND	6.8	06/17/13 18:27	
trans-1,3-Dichloropropene	ug/kg	ND	6.8	06/17/13 18:27	
Trichloroethene	ug/kg	ND	6.8	06/17/13 18:27	
Trichlorofluoromethane	ug/kg	ND	6.8	06/17/13 18:27	
Vinyl acetate	ug/kg	ND	67.9	06/17/13 18:27	
Vinyl chloride	ug/kg	ND	13.6	06/17/13 18:27	
Xylene (Total)	ug/kg	ND	13.6	06/17/13 18:27	
1,2-Dichloroethane-d4 (S)	%	105	70-132	06/17/13 18:27	
4-Bromofluorobenzene (S)	%	98	70-130	06/17/13 18:27	
Dibromofluoromethane (S)	%	105	70-130	06/17/13 18:27	
Toluene-d8 (S)	%	97	70-130	06/17/13 18:27	

LABORATORY CONTROL SAMPLE: 994047

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	83.9	87.8	105	70-131	
1,1,1-Trichloroethane	ug/kg	83.9	89.9	107	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	83.9	113	134	70-130	L3
1,1,2-Trichloroethane	ug/kg	83.9	101	121	70-132	
1,1-Dichloroethane	ug/kg	83.9	87.9	105	70-143	
1,1-Dichloroethene	ug/kg	83.9	83.5	100	70-137	
1,1-Dichloropropene	ug/kg	83.9	86.7	103	70-135	
1,2,3-Trichlorobenzene	ug/kg	83.9	106	126	69-153	
1,2,3-Trichloropropane	ug/kg	83.9	104	124	70-130	
1,2,4-Trichlorobenzene	ug/kg	83.9	103	123	55-171	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 994047

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	83.9	93.5	111	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	83.9	113	135	68-141	
1,2-Dibromoethane (EDB)	ug/kg	83.9	97.2	116	70-130	
1,2-Dichlorobenzene	ug/kg	83.9	106	126	70-140	
1,2-Dichloroethane	ug/kg	83.9	86.4	103	70-137	
1,2-Dichloropropane	ug/kg	83.9	85.4	102	70-133	
1,3,5-Trimethylbenzene	ug/kg	83.9	92.0	110	70-143	
1,3-Dichlorobenzene	ug/kg	83.9	97.5	116	70-144	
1,3-Dichloropropane	ug/kg	83.9	89.1	106	70-132	
1,4-Dichlorobenzene	ug/kg	83.9	99.6	119	70-142	
2,2-Dichloropropane	ug/kg	83.9	87.4	104	68-152	
2-Butanone (MEK)	ug/kg	168	190	113	70-149	
2-Chlorotoluene	ug/kg	83.9	96.1	115	70-141	
2-Hexanone	ug/kg	168	206	123	70-149	
4-Chlorotoluene	ug/kg	83.9	96.9	116	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	168	219	131	70-153	
Acetone	ug/kg	168	192	114	70-157	
Benzene	ug/kg	83.9	85.9	102	70-130	
Bromobenzene	ug/kg	83.9	96.1	115	70-141	
Bromochloromethane	ug/kg	83.9	89.4	107	70-149	
Bromodichloromethane	ug/kg	83.9	84.7	101	70-130	
Bromoform	ug/kg	83.9	106	126	70-131	
Bromomethane	ug/kg	83.9	105	126	64-136	
Carbon tetrachloride	ug/kg	83.9	89.6	107	70-154	
Chlorobenzene	ug/kg	83.9	89.5	107	70-135	
Chloroethane	ug/kg	83.9	97.2	116	68-151	
Chloroform	ug/kg	83.9	87.9	105	70-130	
Chloromethane	ug/kg	83.9	83.6	100	70-132	
cis-1,2-Dichloroethene	ug/kg	83.9	87.9	105	70-140	
cis-1,3-Dichloropropene	ug/kg	83.9	80.2	96	70-137	
Dibromochloromethane	ug/kg	83.9	91.2	109	70-130	
Dibromomethane	ug/kg	83.9	94.2	112	70-136	
Dichlorodifluoromethane	ug/kg	83.9	77.6	93	36-148	
Diisopropyl ether	ug/kg	83.9	91.2	109	70-139	
Ethylbenzene	ug/kg	83.9	87.5	104	70-137	
Hexachloro-1,3-butadiene	ug/kg	83.9	104	124	70-145	
Isopropylbenzene (Cumene)	ug/kg	83.9	92.4	110	70-141	
m&p-Xylene	ug/kg	168	173	103	70-140	
Methyl-tert-butyl ether	ug/kg	83.9	97.9	117	45-150	
Methylene Chloride	ug/kg	83.9	76.7	91	70-133	
n-Butylbenzene	ug/kg	83.9	94.7	113	65-155	
n-Propylbenzene	ug/kg	83.9	91.1	109	70-148	
Naphthalene	ug/kg	83.9	120	143	70-148	
o-Xylene	ug/kg	83.9	91.6	109	70-141	
p-Isopropyltoluene	ug/kg	83.9	97.4	116	70-148	
sec-Butylbenzene	ug/kg	83.9	98.2	117	70-145	
Styrene	ug/kg	83.9	98.3	117	70-138	
tert-Butylbenzene	ug/kg	83.9	96.4	115	70-143	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 994047

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/kg	83.9	84.2	100	70-140	
Toluene	ug/kg	83.9	85.0	101	70-130	
trans-1,2-Dichloroethene	ug/kg	83.9	87.4	104	70-136	
trans-1,3-Dichloropropene	ug/kg	83.9	83.4	99	70-138	
Trichloroethene	ug/kg	83.9	80.7	96	70-132	
Trichlorofluoromethane	ug/kg	83.9	84.9	101	69-134	
Vinyl acetate	ug/kg	168	157	94	24-161	
Vinyl chloride	ug/kg	83.9	93.2	111	55-140	
Xylene (Total)	ug/kg	252	264	105	70-141	
1,2-Dichloroethane-d4 (S)	%			100	70-132	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			104	70-130	
Toluene-d8 (S)	%			100	70-130	

MATRIX SPIKE SAMPLE: 994322

Parameter	Units	92161400006 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	49.6	66.3	134	49-180	
Benzene	ug/kg	ND	49.6	56.6	114	50-166	
Chlorobenzene	ug/kg	ND	49.6	55.2	111	43-169	
Toluene	ug/kg	ND	49.6	54.6	110	52-163	
Trichloroethene	ug/kg	ND	49.6	55.2	111	49-167	
1,2-Dichloroethane-d4 (S)	%				121	70-132	
4-Bromofluorobenzene (S)	%				89	70-130	
Dibromofluoromethane (S)	%				117	70-130	
Toluene-d8 (S)	%				98	70-130	

SAMPLE DUPLICATE: 994321

Parameter	Units	92161400002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,1-Trichloroethane	ug/kg	ND	ND		30	
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		30	
1,1,2-Trichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethane	ug/kg	ND	ND		30	
1,1-Dichloroethene	ug/kg	ND	ND		30	
1,1-Dichloropropene	ug/kg	ND	ND		30	
1,2,3-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,3-Trichloropropane	ug/kg	ND	ND		30	
1,2,4-Trichlorobenzene	ug/kg	ND	ND		30	
1,2,4-Trimethylbenzene	ug/kg	ND	3.3J		30	
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		30	
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		30	
1,2-Dichlorobenzene	ug/kg	ND	ND		30	
1,2-Dichloroethane	ug/kg	ND	ND		30	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

SAMPLE DUPLICATE: 994321

Parameter	Units	92161400002 Result	Dup Result	RPD	Max RPD	Qualifiers
1,2-Dichloropropane	ug/kg	ND	ND		30	
1,3,5-Trimethylbenzene	ug/kg	ND	ND		30	
1,3-Dichlorobenzene	ug/kg	ND	ND		30	
1,3-Dichloropropane	ug/kg	ND	ND		30	
1,4-Dichlorobenzene	ug/kg	ND	ND		30	
2,2-Dichloropropane	ug/kg	ND	ND		30	
2-Butanone (MEK)	ug/kg	ND	17.5J		30	
2-Chlorotoluene	ug/kg	ND	ND		30	
2-Hexanone	ug/kg	ND	ND		30	
4-Chlorotoluene	ug/kg	ND	ND		30	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		30	
Acetone	ug/kg	ND	94.9J		30	
Benzene	ug/kg	10.4	10.2	1	30	
Bromobenzene	ug/kg	ND	ND		30	
Bromochloromethane	ug/kg	ND	ND		30	
Bromodichloromethane	ug/kg	ND	ND		30	
Bromoform	ug/kg	ND	ND		30	
Bromomethane	ug/kg	ND	ND		30	
Carbon tetrachloride	ug/kg	ND	ND		30	
Chlorobenzene	ug/kg	ND	ND		30	
Chloroethane	ug/kg	ND	ND		30	
Chloroform	ug/kg	ND	ND		30	
Chloromethane	ug/kg	ND	ND		30	
cis-1,2-Dichloroethene	ug/kg	ND	ND		30	
cis-1,3-Dichloropropene	ug/kg	ND	ND		30	
Dibromochloromethane	ug/kg	ND	ND		30	
Dibromomethane	ug/kg	ND	ND		30	
Dichlorodifluoromethane	ug/kg	ND	ND		30	
Diisopropyl ether	ug/kg	ND	ND		30	
Ethylbenzene	ug/kg	ND	2.5J		30	
Hexachloro-1,3-butadiene	ug/kg	ND	ND		30	
Isopropylbenzene (Cumene)	ug/kg	ND	ND		30	
m&p-Xylene	ug/kg	ND	ND		30	
Methyl-tert-butyl ether	ug/kg	ND	ND		30	
Methylene Chloride	ug/kg	ND	ND		30	
n-Butylbenzene	ug/kg	ND	ND		30	
n-Propylbenzene	ug/kg	ND	ND		30	
Naphthalene	ug/kg	ND	1.4J		30	
o-Xylene	ug/kg	ND	3.7J		30	
p-Isopropyltoluene	ug/kg	ND	ND		30	
sec-Butylbenzene	ug/kg	ND	ND		30	
Styrene	ug/kg	ND	ND		30	
tert-Butylbenzene	ug/kg	ND	ND		30	
Tetrachloroethene	ug/kg	ND	ND		30	
Toluene	ug/kg	ND	5.2		30	
trans-1,2-Dichloroethene	ug/kg	ND	ND		30	
trans-1,3-Dichloropropene	ug/kg	ND	ND		30	
Trichloroethene	ug/kg	ND	ND		30	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

SAMPLE DUPLICATE: 994321

Parameter	Units	92161400002 Result	Dup Result	RPD	Max RPD	Qualifiers
Trichlorofluoromethane	ug/kg	ND	ND		30	
Vinyl acetate	ug/kg	ND	ND		30	
Vinyl chloride	ug/kg	ND	ND		30	
Xylene (Total)	ug/kg	ND	ND		30	
1,2-Dichloroethane-d4 (S)	%	109	128	47		
4-Bromofluorobenzene (S)	%	98	95	65		
Dibromofluoromethane (S)	%	105	121	48		
Toluene-d8 (S)	%	98	103	58		

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: MSV/23328 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92161472016, 92161472017, 92161472018, 92161472024

METHOD BLANK: 994048 Matrix: Solid
Associated Lab Samples: 92161472016, 92161472017, 92161472018, 92161472024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	10.0	06/17/13 18:08	
1,1,1-Trichloroethane	ug/kg	ND	10.0	06/17/13 18:08	
1,1,2,2-Tetrachloroethane	ug/kg	ND	10.0	06/17/13 18:08	
1,1,2-Trichloroethane	ug/kg	ND	10.0	06/17/13 18:08	
1,1-Dichloroethane	ug/kg	ND	10.0	06/17/13 18:08	
1,1-Dichloroethene	ug/kg	ND	10.0	06/17/13 18:08	
1,1-Dichloropropene	ug/kg	ND	10.0	06/17/13 18:08	
1,2,3-Trichlorobenzene	ug/kg	7.8J	10.0	06/17/13 18:08	
1,2,3-Trichloropropane	ug/kg	ND	10.0	06/17/13 18:08	
1,2,4-Trichlorobenzene	ug/kg	5.2J	10.0	06/17/13 18:08	
1,2,4-Trimethylbenzene	ug/kg	ND	10.0	06/17/13 18:08	
1,2-Dibromo-3-chloropropane	ug/kg	ND	10.0	06/17/13 18:08	
1,2-Dibromoethane (EDB)	ug/kg	ND	10.0	06/17/13 18:08	
1,2-Dichlorobenzene	ug/kg	ND	10.0	06/17/13 18:08	
1,2-Dichloroethane	ug/kg	ND	10.0	06/17/13 18:08	
1,2-Dichloropropane	ug/kg	ND	10.0	06/17/13 18:08	
1,3,5-Trimethylbenzene	ug/kg	ND	10.0	06/17/13 18:08	
1,3-Dichlorobenzene	ug/kg	ND	10.0	06/17/13 18:08	
1,3-Dichloropropane	ug/kg	ND	10.0	06/17/13 18:08	
1,4-Dichlorobenzene	ug/kg	ND	10.0	06/17/13 18:08	
2,2-Dichloropropane	ug/kg	ND	10.0	06/17/13 18:08	
2-Butanone (MEK)	ug/kg	ND	200	06/17/13 18:08	
2-Chlorotoluene	ug/kg	ND	10.0	06/17/13 18:08	
2-Hexanone	ug/kg	25.4J	100	06/17/13 18:08	
4-Chlorotoluene	ug/kg	ND	10.0	06/17/13 18:08	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	100	06/17/13 18:08	
Acetone	ug/kg	ND	200	06/17/13 18:08	
Benzene	ug/kg	ND	10.0	06/17/13 18:08	
Bromobenzene	ug/kg	ND	10.0	06/17/13 18:08	
Bromochloromethane	ug/kg	ND	10.0	06/17/13 18:08	
Bromodichloromethane	ug/kg	ND	10.0	06/17/13 18:08	
Bromoform	ug/kg	ND	10.0	06/17/13 18:08	
Bromomethane	ug/kg	ND	20.0	06/17/13 18:08	
Carbon tetrachloride	ug/kg	ND	10.0	06/17/13 18:08	
Chlorobenzene	ug/kg	ND	10.0	06/17/13 18:08	
Chloroethane	ug/kg	ND	20.0	06/17/13 18:08	
Chloroform	ug/kg	ND	10.0	06/17/13 18:08	
Chloromethane	ug/kg	ND	20.0	06/17/13 18:08	
cis-1,2-Dichloroethene	ug/kg	ND	10.0	06/17/13 18:08	
cis-1,3-Dichloropropene	ug/kg	ND	10.0	06/17/13 18:08	
Dibromochloromethane	ug/kg	ND	10.0	06/17/13 18:08	
Dibromomethane	ug/kg	ND	10.0	06/17/13 18:08	
Dichlorodifluoromethane	ug/kg	ND	20.0	06/17/13 18:08	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

METHOD BLANK: 994048 Matrix: Solid

Associated Lab Samples: 92161472016, 92161472017, 92161472018, 92161472024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	10.0	06/17/13 18:08	
Ethylbenzene	ug/kg	ND	10.0	06/17/13 18:08	
Hexachloro-1,3-butadiene	ug/kg	ND	10.0	06/17/13 18:08	
Isopropylbenzene (Cumene)	ug/kg	ND	10.0	06/17/13 18:08	
m&p-Xylene	ug/kg	ND	20.0	06/17/13 18:08	
Methyl-tert-butyl ether	ug/kg	ND	10.0	06/17/13 18:08	
Methylene Chloride	ug/kg	ND	40.0	06/17/13 18:08	
n-Butylbenzene	ug/kg	ND	10.0	06/17/13 18:08	
n-Propylbenzene	ug/kg	ND	10.0	06/17/13 18:08	
Naphthalene	ug/kg	9.5J	10.0	06/17/13 18:08	
o-Xylene	ug/kg	ND	10.0	06/17/13 18:08	
p-Isopropyltoluene	ug/kg	ND	10.0	06/17/13 18:08	
sec-Butylbenzene	ug/kg	ND	10.0	06/17/13 18:08	
Styrene	ug/kg	ND	10.0	06/17/13 18:08	
tert-Butylbenzene	ug/kg	ND	10.0	06/17/13 18:08	
Tetrachloroethene	ug/kg	ND	10.0	06/17/13 18:08	
Toluene	ug/kg	ND	10.0	06/17/13 18:08	
trans-1,2-Dichloroethene	ug/kg	ND	10.0	06/17/13 18:08	
trans-1,3-Dichloropropene	ug/kg	ND	10.0	06/17/13 18:08	
Trichloroethene	ug/kg	ND	10.0	06/17/13 18:08	
Trichlorofluoromethane	ug/kg	ND	10.0	06/17/13 18:08	
Vinyl acetate	ug/kg	ND	100	06/17/13 18:08	
Vinyl chloride	ug/kg	ND	20.0	06/17/13 18:08	
Xylene (Total)	ug/kg	ND	20.0	06/17/13 18:08	
1,2-Dichloroethane-d4 (S)	%	104	70-132	06/17/13 18:08	
4-Bromofluorobenzene (S)	%	100	70-130	06/17/13 18:08	
Dibromofluoromethane (S)	%	103	70-130	06/17/13 18:08	
Toluene-d8 (S)	%	99	70-130	06/17/13 18:08	

LABORATORY CONTROL SAMPLE: 994049

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	74.9	74.6	100	70-131	
1,1,1-Trichloroethane	ug/kg	74.9	80.5	108	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	74.9	81.8	109	70-130	
1,1,2-Trichloroethane	ug/kg	74.9	84.4	113	70-132	
1,1-Dichloroethane	ug/kg	74.9	78.1	104	70-143	
1,1-Dichloroethene	ug/kg	74.9	77.8	104	70-137	
1,1-Dichloropropene	ug/kg	74.9	84.6	113	70-135	
1,2,3-Trichlorobenzene	ug/kg	74.9	84.2	113	69-153	
1,2,3-Trichloropropane	ug/kg	74.9	76.8	103	70-130	
1,2,4-Trichlorobenzene	ug/kg	74.9	85.5	114	55-171	
1,2,4-Trimethylbenzene	ug/kg	74.9	80.2	107	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	74.9	80.3	107	68-141	
1,2-Dibromoethane (EDB)	ug/kg	74.9	81.3	109	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 994049

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	74.9	83.0	111	70-140	
1,2-Dichloroethane	ug/kg	74.9	75.9	101	70-137	
1,2-Dichloropropane	ug/kg	74.9	76.3	102	70-133	
1,3,5-Trimethylbenzene	ug/kg	74.9	80.7	108	70-143	
1,3-Dichlorobenzene	ug/kg	74.9	82.1	110	70-144	
1,3-Dichloropropane	ug/kg	74.9	76.6	102	70-132	
1,4-Dichlorobenzene	ug/kg	74.9	83.1	111	70-142	
2,2-Dichloropropane	ug/kg	74.9	81.1	108	68-152	
2-Butanone (MEK)	ug/kg	150	180	121	70-149	
2-Chlorotoluene	ug/kg	74.9	83.0	111	70-141	
2-Hexanone	ug/kg	150	162	108	70-149	
4-Chlorotoluene	ug/kg	74.9	84.4	113	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	150	176	117	70-153	
Acetone	ug/kg	150	166	111	70-157	
Benzene	ug/kg	74.9	78.4	105	70-130	
Bromobenzene	ug/kg	74.9	79.8	107	70-141	
Bromochloromethane	ug/kg	74.9	80.0	107	70-149	
Bromodichloromethane	ug/kg	74.9	75.4	101	70-130	
Bromoform	ug/kg	74.9	81.1	108	70-131	
Bromomethane	ug/kg	74.9	96.2	128	64-136	
Carbon tetrachloride	ug/kg	74.9	83.9	112	70-154	
Chlorobenzene	ug/kg	74.9	79.7	106	70-135	
Chloroethane	ug/kg	74.9	88.1	118	68-151	
Chloroform	ug/kg	74.9	79.0	106	70-130	
Chloromethane	ug/kg	74.9	75.6	101	70-132	
cis-1,2-Dichloroethene	ug/kg	74.9	79.3	106	70-140	
cis-1,3-Dichloropropene	ug/kg	74.9	72.0	96	70-137	
Dibromochloromethane	ug/kg	74.9	76.0	102	70-130	
Dibromomethane	ug/kg	74.9	83.9	112	70-136	
Dichlorodifluoromethane	ug/kg	74.9	73.5	98	36-148	
Diisopropyl ether	ug/kg	74.9	80.9	108	70-139	
Ethylbenzene	ug/kg	74.9	81.4	109	70-137	
Hexachloro-1,3-butadiene	ug/kg	74.9	83.1	111	70-145	
Isopropylbenzene (Cumene)	ug/kg	74.9	83.7	112	70-141	
m&p-Xylene	ug/kg	150	163	109	70-140	
Methyl-tert-butyl ether	ug/kg	74.9	84.3	113	45-150	
Methylene Chloride	ug/kg	74.9	71.7	96	70-133	
n-Butylbenzene	ug/kg	74.9	83.3	111	65-155	
n-Propylbenzene	ug/kg	74.9	81.6	109	70-148	
Naphthalene	ug/kg	74.9	90.6	121	70-148	
o-Xylene	ug/kg	74.9	82.2	110	70-141	
p-Isopropyltoluene	ug/kg	74.9	84.8	113	70-148	
sec-Butylbenzene	ug/kg	74.9	85.6	114	70-145	
Styrene	ug/kg	74.9	85.8	115	70-138	
tert-Butylbenzene	ug/kg	74.9	82.3	110	70-143	
Tetrachloroethene	ug/kg	74.9	80.9	108	70-140	
Toluene	ug/kg	74.9	78.9	105	70-130	
trans-1,2-Dichloroethene	ug/kg	74.9	80.1	107	70-136	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 994049

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	74.9	72.2	96	70-138	
Trichloroethene	ug/kg	74.9	74.8	100	70-132	
Trichlorofluoromethane	ug/kg	74.9	79.3	106	69-134	
Vinyl acetate	ug/kg	150	182	122	24-161	
Vinyl chloride	ug/kg	74.9	84.9	113	55-140	
Xylene (Total)	ug/kg	225	245	109	70-141	
1,2-Dichloroethane-d4 (S)	%			97	70-132	
4-Bromofluorobenzene (S)	%			100	70-130	
Dibromofluoromethane (S)	%			103	70-130	
Toluene-d8 (S)	%			101	70-130	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: MSV/23340
QC Batch Method: EPA 8260
Analysis Method: EPA 8260
Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92161472011

METHOD BLANK: 994467
Matrix: Solid
Associated Lab Samples: 92161472011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	7.6	06/18/13 13:41	
1,1,1-Trichloroethane	ug/kg	ND	7.6	06/18/13 13:41	
1,1,2,2-Tetrachloroethane	ug/kg	ND	7.6	06/18/13 13:41	
1,1,2-Trichloroethane	ug/kg	ND	7.6	06/18/13 13:41	
1,1-Dichloroethane	ug/kg	ND	7.6	06/18/13 13:41	
1,1-Dichloroethene	ug/kg	ND	7.6	06/18/13 13:41	
1,1-Dichloropropene	ug/kg	ND	7.6	06/18/13 13:41	
1,2,3-Trichlorobenzene	ug/kg	ND	7.6	06/18/13 13:41	
1,2,3-Trichloropropane	ug/kg	ND	7.6	06/18/13 13:41	
1,2,4-Trichlorobenzene	ug/kg	ND	7.6	06/18/13 13:41	
1,2,4-Trimethylbenzene	ug/kg	ND	7.6	06/18/13 13:41	
1,2-Dibromo-3-chloropropane	ug/kg	ND	7.6	06/18/13 13:41	
1,2-Dibromoethane (EDB)	ug/kg	ND	7.6	06/18/13 13:41	
1,2-Dichlorobenzene	ug/kg	ND	7.6	06/18/13 13:41	
1,2-Dichloroethane	ug/kg	ND	7.6	06/18/13 13:41	
1,2-Dichloropropane	ug/kg	ND	7.6	06/18/13 13:41	
1,3,5-Trimethylbenzene	ug/kg	ND	7.6	06/18/13 13:41	
1,3-Dichlorobenzene	ug/kg	ND	7.6	06/18/13 13:41	
1,3-Dichloropropane	ug/kg	ND	7.6	06/18/13 13:41	
1,4-Dichlorobenzene	ug/kg	ND	7.6	06/18/13 13:41	
2,2-Dichloropropane	ug/kg	ND	7.6	06/18/13 13:41	
2-Butanone (MEK)	ug/kg	ND	152	06/18/13 13:41	
2-Chlorotoluene	ug/kg	ND	7.6	06/18/13 13:41	
2-Hexanone	ug/kg	ND	76.2	06/18/13 13:41	
4-Chlorotoluene	ug/kg	ND	7.6	06/18/13 13:41	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	76.2	06/18/13 13:41	
Acetone	ug/kg	ND	152	06/18/13 13:41	
Benzene	ug/kg	ND	7.6	06/18/13 13:41	
Bromobenzene	ug/kg	ND	7.6	06/18/13 13:41	
Bromochloromethane	ug/kg	ND	7.6	06/18/13 13:41	
Bromodichloromethane	ug/kg	ND	7.6	06/18/13 13:41	
Bromoform	ug/kg	ND	7.6	06/18/13 13:41	
Bromomethane	ug/kg	ND	15.2	06/18/13 13:41	
Carbon tetrachloride	ug/kg	ND	7.6	06/18/13 13:41	
Chlorobenzene	ug/kg	ND	7.6	06/18/13 13:41	
Chloroethane	ug/kg	ND	15.2	06/18/13 13:41	
Chloroform	ug/kg	ND	7.6	06/18/13 13:41	
Chloromethane	ug/kg	ND	15.2	06/18/13 13:41	
cis-1,2-Dichloroethene	ug/kg	ND	7.6	06/18/13 13:41	
cis-1,3-Dichloropropene	ug/kg	ND	7.6	06/18/13 13:41	
Dibromochloromethane	ug/kg	ND	7.6	06/18/13 13:41	
Dibromomethane	ug/kg	ND	7.6	06/18/13 13:41	
Dichlorodifluoromethane	ug/kg	ND	15.2	06/18/13 13:41	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

METHOD BLANK: 994467 Matrix: Solid

Associated Lab Samples: 92161472011

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	7.6	06/18/13 13:41	
Ethylbenzene	ug/kg	ND	7.6	06/18/13 13:41	
Hexachloro-1,3-butadiene	ug/kg	ND	7.6	06/18/13 13:41	
Isopropylbenzene (Cumene)	ug/kg	ND	7.6	06/18/13 13:41	
m&p-Xylene	ug/kg	ND	15.2	06/18/13 13:41	
Methyl-tert-butyl ether	ug/kg	ND	7.6	06/18/13 13:41	
Methylene Chloride	ug/kg	ND	30.5	06/18/13 13:41	
n-Butylbenzene	ug/kg	ND	7.6	06/18/13 13:41	
n-Propylbenzene	ug/kg	ND	7.6	06/18/13 13:41	
Naphthalene	ug/kg	ND	7.6	06/18/13 13:41	
o-Xylene	ug/kg	ND	7.6	06/18/13 13:41	
p-Isopropyltoluene	ug/kg	ND	7.6	06/18/13 13:41	
sec-Butylbenzene	ug/kg	ND	7.6	06/18/13 13:41	
Styrene	ug/kg	ND	7.6	06/18/13 13:41	
tert-Butylbenzene	ug/kg	ND	7.6	06/18/13 13:41	
Tetrachloroethene	ug/kg	ND	7.6	06/18/13 13:41	
Toluene	ug/kg	ND	7.6	06/18/13 13:41	
trans-1,2-Dichloroethene	ug/kg	ND	7.6	06/18/13 13:41	
trans-1,3-Dichloropropene	ug/kg	ND	7.6	06/18/13 13:41	
Trichloroethene	ug/kg	ND	7.6	06/18/13 13:41	
Trichlorofluoromethane	ug/kg	ND	7.6	06/18/13 13:41	
Vinyl acetate	ug/kg	ND	76.2	06/18/13 13:41	
Vinyl chloride	ug/kg	ND	15.2	06/18/13 13:41	
Xylene (Total)	ug/kg	ND	15.2	06/18/13 13:41	
1,2-Dichloroethane-d4 (S)	%	128	70-132	06/18/13 13:41	
4-Bromofluorobenzene (S)	%	93	70-130	06/18/13 13:41	
Dibromofluoromethane (S)	%	128	70-130	06/18/13 13:41	
Toluene-d8 (S)	%	99	70-130	06/18/13 13:41	

LABORATORY CONTROL SAMPLE: 994468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	70.8	70.2	99	70-131	
1,1,1-Trichloroethane	ug/kg	70.8	92.5	131	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	70.8	82.3	116	70-130	
1,1,2-Trichloroethane	ug/kg	70.8	84.3	119	70-132	
1,1-Dichloroethane	ug/kg	70.8	88.0	124	70-143	
1,1-Dichloroethene	ug/kg	70.8	88.6	125	70-137	
1,1-Dichloropropene	ug/kg	70.8	87.2	123	70-135	
1,2,3-Trichlorobenzene	ug/kg	70.8	69.9	99	69-153	
1,2,3-Trichloropropane	ug/kg	70.8	81.6	115	70-130	
1,2,4-Trichlorobenzene	ug/kg	70.8	71.1	100	55-171	
1,2,4-Trimethylbenzene	ug/kg	70.8	75.5	107	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	70.8	81.8	116	68-141	
1,2-Dibromoethane (EDB)	ug/kg	70.8	76.1	108	70-130	

REPORT OF LABORATORY ANALYSIS

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 994468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	70.8	76.0	107	70-140	
1,2-Dichloroethane	ug/kg	70.8	85.7	121	70-137	
1,2-Dichloropropane	ug/kg	70.8	76.3	108	70-133	
1,3,5-Trimethylbenzene	ug/kg	70.8	74.3	105	70-143	
1,3-Dichlorobenzene	ug/kg	70.8	74.5	105	70-144	
1,3-Dichloropropane	ug/kg	70.8	72.8	103	70-132	
1,4-Dichlorobenzene	ug/kg	70.8	74.8	106	70-142	
2,2-Dichloropropane	ug/kg	70.8	90.5	128	68-152	
2-Butanone (MEK)	ug/kg	142	180	127	70-149	
2-Chlorotoluene	ug/kg	70.8	77.2	109	70-141	
2-Hexanone	ug/kg	142	155	110	70-149	
4-Chlorotoluene	ug/kg	70.8	79.4	112	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	142	185	131	70-153	
Acetone	ug/kg	142	179	126	70-157	
Benzene	ug/kg	70.8	75.3	106	70-130	
Bromobenzene	ug/kg	70.8	75.5	107	70-141	
Bromochloromethane	ug/kg	70.8	82.5	116	70-149	
Bromodichloromethane	ug/kg	70.8	77.3	109	70-130	
Bromoform	ug/kg	70.8	78.9	111	70-131	
Bromomethane	ug/kg	70.8	101	143	64-136	L3
Carbon tetrachloride	ug/kg	70.8	94.1	133	70-154	
Chlorobenzene	ug/kg	70.8	72.7	103	70-135	
Chloroethane	ug/kg	70.8	88.9	125	68-151	
Chloroform	ug/kg	70.8	86.5	122	70-130	
Chloromethane	ug/kg	70.8	80.5	114	70-132	
cis-1,2-Dichloroethene	ug/kg	70.8	87.2	123	70-140	
cis-1,3-Dichloropropene	ug/kg	70.8	69.3	98	70-137	
Dibromochloromethane	ug/kg	70.8	71.0	100	70-130	
Dibromomethane	ug/kg	70.8	85.1	120	70-136	
Dichlorodifluoromethane	ug/kg	70.8	77.1	109	36-148	
Diisopropyl ether	ug/kg	70.8	90.9	128	70-139	
Ethylbenzene	ug/kg	70.8	76.1	107	70-137	
Hexachloro-1,3-butadiene	ug/kg	70.8	73.8	104	70-145	
Isopropylbenzene (Cumene)	ug/kg	70.8	79.1	112	70-141	
m&p-Xylene	ug/kg	142	153	108	70-140	
Methyl-tert-butyl ether	ug/kg	70.8	88.8	125	45-150	
Methylene Chloride	ug/kg	70.8	76.6	108	70-133	
n-Butylbenzene	ug/kg	70.8	78.2	110	65-155	
n-Propylbenzene	ug/kg	70.8	74.9	106	70-148	
Naphthalene	ug/kg	70.8	76.2	108	70-148	
o-Xylene	ug/kg	70.8	78.1	110	70-141	
p-Isopropyltoluene	ug/kg	70.8	77.5	109	70-148	
sec-Butylbenzene	ug/kg	70.8	77.1	109	70-145	
Styrene	ug/kg	70.8	79.4	112	70-138	
tert-Butylbenzene	ug/kg	70.8	73.5	104	70-143	
Tetrachloroethene	ug/kg	70.8	68.8	97	70-140	
Toluene	ug/kg	70.8	75.7	107	70-130	
trans-1,2-Dichloroethene	ug/kg	70.8	88.7	125	70-136	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

LABORATORY CONTROL SAMPLE: 994468

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	70.8	73.0	103	70-138	
Trichloroethene	ug/kg	70.8	73.0	103	70-132	
Trichlorofluoromethane	ug/kg	70.8	90.6	128	69-134	
Vinyl acetate	ug/kg	142	208	147	24-161	
Vinyl chloride	ug/kg	70.8	78.8	111	55-140	
Xylene (Total)	ug/kg	212	232	109	70-141	
1,2-Dichloroethane-d4 (S)	%			128	70-132	
4-Bromofluorobenzene (S)	%			102	70-130	
Dibromofluoromethane (S)	%			120	70-130	
Toluene-d8 (S)	%			104	70-130	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: PMST/5603 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92161472001, 92161472002, 92161472003, 92161472004, 92161472005, 92161472006

SAMPLE DUPLICATE: 993030

Parameter	Units	92161315021 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.8	21.0	4	25	

SAMPLE DUPLICATE: 993031

Parameter	Units	92161472006 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.9	22.6	3	25	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: PMST/5604
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92161472007, 92161472008, 92161472009, 92161472010, 92161472011, 92161472012, 92161472013, 92161472014, 92161472015, 92161472016, 92161472017, 92161472018

SAMPLE DUPLICATE: 993038

Parameter	Units	92161472007 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	21.1	21.5	2	25	

SAMPLE DUPLICATE: 993039

Parameter	Units	92161566001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	9.6	10.6	10	25	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: PMST/5605
QC Batch Method: ASTM D2974-87
Analysis Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92161472024

SAMPLE DUPLICATE: 993054

Parameter	Units	92161472024 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	18.2	17.7	2	25	

SAMPLE DUPLICATE: 993055

Parameter	Units	92161534001 Result	Dup Result	RPD	Max RPD	Qualifiers
Percent Moisture	%	23.0	22.1	4	25	

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QUALITY CONTROL DATA

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

QC Batch: WET/15330 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: D2974 Fractional Organic Carbon
Associated Lab Samples: 92161472001, 92161472002, 92161472003, 92161472004, 92161472005, 92161472006, 92161472007, 92161472008, 92161472009, 92161472010, 92161472011, 92161472012, 92161472013, 92161472014, 92161472015, 92161472016, 92161472017, 92161472018, 92161472024

METHOD BLANK: 808677 Matrix: Solid
Associated Lab Samples: 92161472001, 92161472002, 92161472003, 92161472004, 92161472005, 92161472006, 92161472007, 92161472008, 92161472009, 92161472010, 92161472011, 92161472012, 92161472013, 92161472014, 92161472015, 92161472016, 92161472017, 92161472018, 92161472024

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Fractional Organic Carbon	% (w/w)	ND	0.058	06/14/13 17:26	FOC

LABORATORY CONTROL SAMPLE: 808678

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Fractional Organic Carbon	% (w/w)	186	169	91	80-120	FOC

SAMPLE DUPLICATE: 808679

Parameter	Units	92161472001 Result	Dup Result	RPD	Max RPD	Qualifiers
Fractional Organic Carbon	% (w/w)	1.8	1.7	7	10	FOC

SAMPLE DUPLICATE: 808680

Parameter	Units	92161472002 Result	Dup Result	RPD	Max RPD	Qualifiers
Fractional Organic Carbon	% (w/w)	1.1	1.1	1	10	FOC

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QUALIFIERS

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to changes in sample preparation, dilution of the sample aliquot, or moisture content.

ND - Not Detected at or above adjusted reporting limit.

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

1,2-Diphenylhydrazine (8270 listed analyte) decomposes to Azobenzene.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Acid preservation may not be appropriate for 2-Chloroethylvinyl ether, Styrene, and Vinyl chloride.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte
PASI-G	Pace Analytical Services - Green Bay

ANALYTE QUALIFIERS

1g	MEK formation product from Acetic acid in ZHE Fluid.
A+	The reaction of the soil preservative, sodium bisulfate, is known to react with humic acid in soils to produce ketones. Based upon method blank results, the laboratory feels the ketones in this sample are a result of that reaction.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
F3	The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.
FOC	Reported results by ASTM D2974-87 for Fractional Organic Carbon (FOC) are determined by multiplying the Soil Organic Matter result by 0.58 (the percentage of organic carbon which compromises the SOM)
IO	The internal standard response was outside the laboratory acceptance limits confirmed by reanalysis. The results reported are from the most QC compliant analysis.
IU	The internal standard recoveries associated with this sample exceed the upper control limit. The reported results should be considered estimated values.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
SS	This analyte did not meet the secondary source verification criteria for the initial calibration. The reported result should be considered an estimated value.

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92161472001	RS-15-5-6	EPA 8260	MSV/23382		
92161472002	RS-15-10-11	EPA 8260	MSV/23456		
92161472003	RS-15-15-16	EPA 8260	MSV/23445		
92161472004	RS-15-20-21	EPA 8260	MSV/23445		
92161472005	RS-15-25-26	EPA 8260	MSV/23445		
92161472006	RS-16-0-1	EPA 8260	MSV/23445		
92161472007	RS-16-25-26	EPA 8260	MSV/23445		
92161472008	Dup-1	EPA 8260	MSV/23446		
92161472009	RS-17-5-6	EPA 8260	MSV/23445		
92161472010	Dup-2	EPA 8260	MSV/23445		
92161472011	RS-17-0-1	EPA 8260	MSV/23445		
92161472012	RS-16-5-6	EPA 8260	MSV/23445		
92161472013	RS-16-10-11	EPA 8260	MSV/23445		
92161472014	RS-16-15-16	EPA 8260	MSV/23445		
92161472015	RS-16-20-21	EPA 8260	MSV/23445		
92161472016	RS-17-10-11	EPA 8260	MSV/23445		
92161472017	RS-17-15-16	EPA 8260	MSV/23445		
92161472018	RS-17-20-21	EPA 8260	MSV/23445		
92161472024	RS-17-25-26	EPA 8260	MSV/23445		
92161472013	RS-16-10-11	EPA 8260	MSV/23442		
92161472013	RS-16-10-11	EPA 8260	MSV/23448		
92161472019	RS-15-10-11	EPA 8260	MSV/23448		
92161472020	IDW-Liquid	EPA 8260	MSV/23448		
92161472021	IDW-Soil	EPA 8260	MSV/23448		
92161472022	Trip Blank	EPA 8260	MSV/23337		
92161472023	EB-1	EPA 8260	MSV/23337		
92161472001	RS-15-5-6	EPA 8260	MSV/23327		
92161472002	RS-15-10-11	EPA 8260	MSV/23327		
92161472003	RS-15-15-16	EPA 8260	MSV/23327		
92161472004	RS-15-20-21	EPA 8260	MSV/23327		
92161472005	RS-15-25-26	EPA 8260	MSV/23327		
92161472006	RS-16-0-1	EPA 8260	MSV/23327		
92161472007	RS-16-25-26	EPA 8260	MSV/23327		
92161472008	Dup-1	EPA 8260	MSV/23327		
92161472009	RS-17-5-6	EPA 8260	MSV/23327		
92161472010	Dup-2	EPA 8260	MSV/23327		
92161472011	RS-17-0-1	EPA 8260	MSV/23340		
92161472012	RS-16-5-6	EPA 8260	MSV/23327		
92161472013	RS-16-10-11	EPA 8260	MSV/23327		
92161472014	RS-16-15-16	EPA 8260	MSV/23327		
92161472015	RS-16-20-21	EPA 8260	MSV/23327		
92161472016	RS-17-10-11	EPA 8260	MSV/23328		
92161472017	RS-17-15-16	EPA 8260	MSV/23328		

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QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Pittsboro, NC WBS#34613.3.13
Pace Project No.: 92161472

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92161472018	**RS-17-20-21**	EPA 8260	MSV/23328		
92161472024	**RS-17-25-26**	EPA 8260	MSV/23328		
92161472001	**RS-15-5-6**	ASTM D2974-87	PMST/5603		
92161472002	**RS-15-10-11**	ASTM D2974-87	PMST/5603		
92161472003	**RS-15-15-16**	ASTM D2974-87	PMST/5603		
92161472004	**RS-15-20-21**	ASTM D2974-87	PMST/5603		
92161472005	**RS-15-25-26**	ASTM D2974-87	PMST/5603		
92161472006	**RS-16-0-1**	ASTM D2974-87	PMST/5603		
92161472007	**RS-16-25-26**	ASTM D2974-87	PMST/5604		
92161472008	**Dup-1**	ASTM D2974-87	PMST/5604		
92161472009	**RS-17-5-6**	ASTM D2974-87	PMST/5604		
92161472010	**Dup-2**	ASTM D2974-87	PMST/5604		
92161472011	**RS-17-0-1**	ASTM D2974-87	PMST/5604		
92161472012	**RS-16-5-6**	ASTM D2974-87	PMST/5604		
92161472013	**RS-16-10-11**	ASTM D2974-87	PMST/5604		
92161472014	**RS-16-15-16**	ASTM D2974-87	PMST/5604		
92161472015	**RS-16-20-21**	ASTM D2974-87	PMST/5604		
92161472016	**RS-17-10-11**	ASTM D2974-87	PMST/5604		
92161472017	**RS-17-15-16**	ASTM D2974-87	PMST/5604		
92161472018	**RS-17-20-21**	ASTM D2974-87	PMST/5604		
92161472024	**RS-17-25-26**	ASTM D2974-87	PMST/5605		
92161472001	**RS-15-5-6**	ASTM D2974-87	WET/15330		
92161472002	**RS-15-10-11**	ASTM D2974-87	WET/15330		
92161472003	**RS-15-15-16**	ASTM D2974-87	WET/15330		
92161472004	**RS-15-20-21**	ASTM D2974-87	WET/15330		
92161472005	**RS-15-25-26**	ASTM D2974-87	WET/15330		
92161472006	**RS-16-0-1**	ASTM D2974-87	WET/15330		
92161472007	**RS-16-25-26**	ASTM D2974-87	WET/15330		
92161472008	**Dup-1**	ASTM D2974-87	WET/15330		
92161472009	**RS-17-5-6**	ASTM D2974-87	WET/15330		
92161472010	**Dup-2**	ASTM D2974-87	WET/15330		
92161472011	**RS-17-0-1**	ASTM D2974-87	WET/15330		
92161472012	**RS-16-5-6**	ASTM D2974-87	WET/15330		
92161472013	**RS-16-10-11**	ASTM D2974-87	WET/15330		
92161472014	**RS-16-15-16**	ASTM D2974-87	WET/15330		
92161472015	**RS-16-20-21**	ASTM D2974-87	WET/15330		
92161472016	**RS-17-10-11**	ASTM D2974-87	WET/15330		
92161472017	**RS-17-15-16**	ASTM D2974-87	WET/15330		
92161472018	**RS-17-20-21**	ASTM D2974-87	WET/15330		
92161472024	**RS-17-25-26**	ASTM D2974-87	WET/15330		

Pace Analytical	Sample Condition Upon Receipt (SCUR)	Page 1 of 2
	Document Number: F-CHR-CS-03-rev.11	Issuing Authority: Pace Huntersville Quality Office

Client Name: H&H

Where Received: ☑ Huntersville ☐ Asheville ☐ Eden ☐ Raleigh

Courier: ☐ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Commercial ☑ Pace Other_____

Custody Seal on Cooler/Box Present: ☐ yes ☑ no Seals intact: ☐ yes ☐ no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: ☐ Bubble Wrap ☑ Bubble Bags ☐ None ☐ Other_____

Thermometer Used: IR Gun T1102 T1301 **Type of Ice:** Wet Blue None ☑ Samples on ice, cooling process has begun

Temp Correction Factor T1102: No Correction T1301: No Correction

Corrected Cooler Temp.: 6.0 C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

Date and Initials of person examining contents: TMC 6/13

Chain of Custody Present:	☑Yes ☐No ☐N/A	1.
Chain of Custody Filled Out:	☑Yes ☐No ☐N/A	2.
Chain of Custody Relinquished:	☑Yes ☐No ☐N/A	3.
Sampler Name & Signature on COC:	☑Yes ☐No ☐N/A	4.
Samples Arrived within Hold Time:	☑Yes ☐No ☐N/A	5.
Short Hold Time Analysis (<72hr):	☐Yes ☑No ☐N/A	6.
Rush Turn Around Time Requested:	☐Yes ☑No ☐N/A	7.
Sufficient Volume:	☑Yes ☐No ☐N/A	8.
Correct Containers Used:	☑Yes ☐No ☐N/A	9.
-Pace Containers Used:	☑Yes ☐No ☐N/A	
Containers Intact:	☑Yes ☐No ☐N/A	10.
Filtered volume received for Dissolved tests	☐Yes ☐No ☑N/A	11.
Sample Labels match COC:	☐Yes ☐No ☐N/A	12. RS-17-25-26 6/12 B55 not on COC. 8260 TOC- SPLP 01.
-Includes date/time/ID/Analysis Matrix: #9-10 pg 2 WT	Need DL	
All containers needing preservation have been checked.	☐Yes ☐No ☑N/A	13.
All containers needing preservation are found to be in compliance with EPA recommendation.	☐Yes ☐No ☑N/A	
exceptions: VOA, coliform, TOC, O&G, WI-DRO (water)	☐Yes ☑No	
Samples checked for dechlorination:	☐Yes ☑No ☐N/A	14.
Headspace in VOA Vials (>6mm):	☐Yes ☑No ☐N/A	15.
Trip Blank Present:	☐Yes ☐No ☑N/A	16.
Trip Blank Custody Seals Present	☐Yes ☐No ☐N/A	
Pace Trip Blank Lot # (if purchased):		

Client Notification/ Resolution: Field Data Required? Y / N

Person Contacted: Jeff Albano Date/Time: 6/14/13

Comments/ Resolution: Jeff instructed to analyze extra sample.

SCURF Review:	VG	**Date:**	6/13/13
SRF Review:	VG	**Date:**	6/14/13

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers)

WO#: 92161472

92161472

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www.pacelabs.com

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 1 of 2

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Section A Required Client Information:

Company: Hart & Hickman
Address: 2923 S. Tryon St
Charlotte, NC 28203
Email To: jalbano@harthickman.com
Phone: 704-586-0007 Fax:
Requested Due Date/TAT: 5-day

Section B Required Project Information:

Report To: Jeff Albano
Copy To:
Purchase Order No.:
Project Name: Pittsboro, NC
Project Number: ROW-415

Section C Invoice Information:

Attention: Cynthia Wells
Company Name: H&H
Address: Same
Pace Quote Reference:
Pace Project Manager: Kevin Godwin
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID
(A-Z, 0-9 / ,-)
Sample IDs MUST BE UNIQUE

Matrix Codes MATRIX / CODE
Drinking Water DW
Water WT
Waste Water WW
Product P
Soil/Solid SL
Oil OL
Wipe WP
Air AR
Tissue TS
Other OT

Requested Analysis Filtered (Y/N)

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOCs by 8260	VOCs by SPLP	FOC	VOCs by TCLP	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D. 9216472
1	RS-15-5-6	SL	G			6/12	1135		6	3	2					1		X	X	X			001
2	RS-15-10-11					6/12	1140		1	1	1					1		X	X	X			002
3	RS-15-15-16					6/12	1150		1	1	1					1		X	X	X			003
4	RS-15-20-21					6/12	1155		1	1	1					1		X	X	X			004
5	RS-15-25-26					6/12	1240		1	1	1					1		X	X	X			005
6	RS-15-10-11					6/12	1220		1	1											X		019
7	RS-16-5-6 *					6/12	1310		7	4	2					1		X	X	X	X		012
8	RS-16-0-1					6/12	1320		6	3	2					1		X	X	X			006
9	RS-16-10-11 *					6/12	1320		7	4	2					1		X	X	X	X		013
10	RS-16-15-16 *					6/12	1325		7	4	2					1		X	X	X	X		014
11	RS-16-20-21 *					6/12	1340		7	4	2					1		X	X	X	X		015
12	Trip Blank	WT							2				2					X					022

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
Need SPLP detection limit for TCE of 0.47 ug/L	Jeff Albano/HH	6/12/13	0900	pace ck	6-13-13	1205	
* hold TCLP. Call Jeff Albano after SPLP analysis	pace	6-13-13	1235	Jamie Price	6/13	1235	Cool Y N N

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jeff Albano
SIGNATURE of SAMPLER: [signature] DATE Signed (MM/DD/YY): 6/12/13

Temp in °C | Received on Ice (Y/N) | Custody Sealed Cooler (Y/N) | Samples Intact (Y/N)

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

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CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page: 2 of 2

1545885

Section A Required Client Information:	Section B Required Project Information:	Section C Invoice Information:
Company: Hart & Hickman	Report To:	Attention:
Address: See Page 1	Copy To: See Page 1	Company Name:
Email To:	Purchase Order No.:	Address: See Page 1
Phone: Fax:	Project Name: Pittsboro, NC	Pace Quote Reference:
Requested Due Date/TAT:	Project Number: ROW-415	Pace Project Manager:
		Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☐ UST ☐ RCRA ☑ OTHER

Site Location STATE: NC

Section D Required Client Information

Matrix Codes (MATRIX / CODE): Drinking Water DW; Water WT; Waste Water WW; Product P; Soil/Solid SL; Oil OL; Wipe WP; Air AR; Tissue TS; Other OT

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: VOCs by 8260	VOCs by SPLP	foc	VOCs by TCLP	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	RS-16-25-26	SL	G			6/12	1345		6	3	2					1		X	X	X			007
2	DUP-1					6/12	1350		1	1	1					1		X	X	X			008
3	RS-17-5-6					6/12	1425		1	1	1					1		X	X	X			009
4	RS-17-10-11	*				6/12	1440		7	4	2					1		X	X	X	X		016
5	RS-17-15-16	*				6/12	1445		7	4	2					1		X	X	X	X		017
6	DUP-2					6/12	1450		6	3	2					1		X	X	X			010
7	RS-17-20-21	*				6/12	1500		7	4	2					1		X	X	X	X		018
8	RS-17-0-1					6/12	1530		6	3	2					1		X	X	X			011
9	EB-1					6/12	1545		3			3						X					023
10	IDW-Liquid					6/12	1615		3	3											X		020
11	IDW-Soil					6/12	1620		1	1											X		021
12																							024

9216472

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
* Hold TCLP - call Jeff Albano after SPLP has been analyzed	Jeff Albano/HH	6/13/12	0900		6/13/12	1205	
		6/13/13	1235	Shawn Place	6/13	1235	1.0 y n y
Need 0.47 µg/L detection for TCE by SPLP							

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Jeff Albano

SIGNATURE of SAMPLER: Jeff Albano

DATE Signed (MM/DD/YY): 6/12/13

Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
1.0	y	n	y

*Important Note: By signing this form you are accepting Pace's NET 30 day payment terms and agreeing to late charges of 1.5% per month for any invoices not paid within 30 days.

Appendix C

IDW Disposal Documentation

ENVIRONMENTAL AND INDUSTRIAL RESOURCES

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 8 drums of non-hazardous contaminated water received on 07/24/2013 from:

Generator: North Carolina Department of Transportation

Originating at: 120 Sugar Lake Road
Pittsboro, NC

EC Waste ID #: 071340

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Signature

Thomas W. Hammett
CEO
Evo Corporation

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 78294

GENERATOR INFORMATION

Generator: NCDOT Phone: 704-586-0007
Site Address: 120 Sugar Lake Road
City/State: Pittsboro, NC Contact: Jeff Albano

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): Material: Water
Empty Weight (lbs): Contaminant: Non-Haz TCE
Net Weight (lbs):

Quantity 8 Tons (Drums) Pails Sacs Yards Other:

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 401 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 7/24/13

FACILITY INFORMATION

Evo Project #: 071340

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844
Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Date: 07-24-2013

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

ENVIRONMENTAL AND INDUSTRIAL RESOURCES

1703 Vargrave Street
Winston-Salem, NC 27107
ph 336-725-5844
fax 336-725-6244

CERTIFICATE OF DISPOSAL

Evo Corporation does hereby certify that 8 drums of non-hazardous contaminated material received on 07/24/2013 from:

Generator: North Carolina Department of Transportation

Originating at: 120 Sugar Lake Road
Pittsboro, NC

EC Waste ID #: 071340

has been disposed of by Evo Corporation in a manner approved by the North Carolina Department of Environment and Natural Resources.

Signature

Thomas W. Hammett
CEO
Evo Corporation

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net
NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 78303

GENERATOR INFORMATION

Generator: NCDOT Phone: 704-586-0007
Site Address: 120 Sugar Lake Road
City/State: Pittsboro, NC Contact: Jeff Albano

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): Material: Soil
Empty Weight (lbs): Contaminant: Non-Haz TCE
Net Weight (lbs):

Quantity 9 Tons (Drums) Pails Sacs Yards Other:

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 401 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Date: 7/24/13

FACILITY INFORMATION

Evo Project #: 071340

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844
Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Date: 07-24-2013

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier