GEL Engineering of NC INC

an affiliate of The GEL Group INC

PRELIMINARY SITE ASSESSMENT REPORT

6212 & 6214 Prospect Street
Wilbur F. Ferrell and wife Vera Ferrell Property
Archdale, North Carolina
State Project B-5114
WBS Element #42252.1.1
Randolph County

North Carolina Department of Transportation
Geotechnical Engineering Unit
1589 Mail Service Center
Raleigh, North Carolina 27699-1589

August 5, 2014

PRELIMINARY SITE ASSESSMENT REPORT

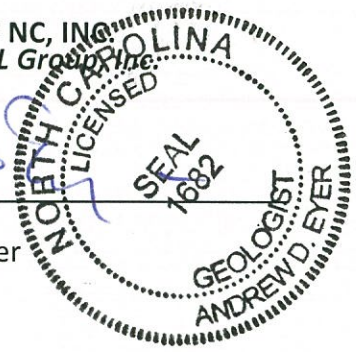
6212 & 6214 Prospect Street
Wilbur F. Ferrell and wife Vera Ferrell Property
Archdale, North Carolina
State Project B-5114, WBS Element #42252.1.1
Randolph County

TABLE OF CONTENTS

Signature Page

This document, entitled *Preliminary Site Assessment Report*, has been prepared for the Wilbur F. Ferrell and wife Vera Ferrell Property located at 6212 & 6214 Prospect Street in Archdale, North Carolina (State Project B-5114, WBS Element #42252.1.1, Randolph County). It has been prepared by GEL Engineering of NC, Inc. in accordance with the Notice to Proceed provided by the North Carolina Department of Transportation-GeoEnvironmental Section, Geotechnical Engineering Unit for the exclusive use of the North Carolina Department of Transportation. It has been prepared in accordance with accepted quality control practices and has been reviewed by the undersigned.

GEL ENGINEERING OF NC, INC.
an Affiliate of The GEL Group Inc.



Andrew D. Eyer, L.G.
Senior Project Manager

08-05-14

Date

PRELIMINARY SITE ASSESSMENT REPORT

6212 & 6214 Prospect Street
Wilbur F. Ferrell and wife Vera Ferrell Property
Archdale, North Carolina
State Project B-5114, WBS Element #42252.1.1
Randolph County

Executive Summary

The subject site is the Wilbur F. Ferrell and wife Vera Ferrell property located at 6212 & 6214 Prospect Street in Archdale, Randolph County, North Carolina. The primary purpose of this investigation was to evaluate the presence or absence of underground storage tanks (USTs) and constituents of concern in soil within the proposed and existing North Carolina Department of Transportation (NCDOT) Right-of-Way (ROW) and easements adjacent to 6212 & 6214 Prospect Street on the south side of Prospect Street as a result of current and/or former operations.

The site is located at the intersection of Prospect Street (NC 1619) and Thompson Road (NC 1620). An automobile body shop is located on the property and a review of historical aerial photographs dating back to the early 1990s indicates that the site has always operated as an automobile body shop.

The files reviewed at the Winston-Salem Regional Office of the North Carolina Department of Environment and Natural Resources (NCDENR) did not contain any information about 6212 & 6214 Prospect Street. NCDENR representatives of the UST Section confirmed that the site has no assigned UST Facility ID number and that no UST Incident number has ever been assigned to the site. No groundwater monitoring wells were observed at the site.

GEL Engineering of NC, Inc. (GEL) performed a preliminary site assessment within the proposed and existing NCDOT ROW and easements adjacent to 6212 & 6214 Prospect Street that included a geophysical investigation, and the collection and analysis of soil samples.

No subsurface anomalies indicative of suspected or known USTs were identified within the investigation area. One GPR anomaly was identified within the investigation area, but no USTs were encountered when the area was penetrated using a hand probe.

Soil samples were collected for analysis from seven borings constructed within the investigation area and analyzed for petroleum hydrocarbon constituents. Gasoline range organics (GRO) was not detected in any of the samples, and diesel range organics (DRO) was detected in one sample at a level significantly below the NCDENR action level of 10 milligrams per kilogram (mg/kg) for DRO.

No additional environmental investigation of the soil at the site by NCDOT is recommended at this time.

PRELIMINARY SITE ASSESSMENT REPORT

6212 & 6214 Prospect Street
Wilbur F. Ferrell and wife Vera Ferrell Property
Archdale, North Carolina
State Project B-5114, WBS Element #42252.1.1
Randolph County

1.0 Introduction

This document presents the details of a geophysical survey and preliminary site assessment performed within the accessible portions of the existing and proposed North Carolina Department of Transportation (NCDOT) Right-of-Way (ROW) and easements fronting the Wilbur F. Ferrell and wife Vera Ferrell property located at 6212 & 6214 Prospect Street in Archdale, North Carolina.

The site is located at the intersection of Prospect Street (NC 1619) and Thompson Road (NC 1620). Prospect Street borders the site to the north. An automobile body shop is located on the property. The site location is shown in Figure 1, an excerpt from the United States Geological Survey (USGS) 7.5-minute quadrangle map of High Point West, North Carolina. The preliminary site assessment (PSA) was conducted by GEL Engineering of NC, Inc. (GEL) in accordance with the Notice to Proceed issued by NCDOT on April 10, 2014.

The primary purpose of this investigation was to evaluate the presence or absence of underground storage tanks (USTs) and/or constituents of concern in soil within accessible portions of the existing and proposed easements and NCDOT ROW fronting 6212 & 6214 Prospect Street on the south side of Prospect Street as a result of current and/or former operations.

2.0 Background

NCDOT is planning road improvements to the area in the vicinity of Prospect Street in Randolph County, North Carolina. NCDOT wanted to assess the area in the existing and proposed ROW and easements on the south side of Prospect fronting 6212 & 9214 Prospect Street to evaluate the presence or absence of USTs and soil contamination related to the current and former on-site operations, and the impact (if any) of these

operations on the proposed road improvements. Figures 2 through 4 show the general site layout for 6212 & 6214 Prospect Street**.**

The site is located at the intersection of Prospect Street (NC 1619) and Thompson Road (NC 1620). An automobile body shop is located on the property, and several automobiles in operable and inoperable condition are stored in the northern portion of the property. Photograph 1 in Appendix I shows the body shop facility in the background and the stored automobiles in the foreground. A review of historical aerial photographs dating back to the early 1990s indicate that the site has always operated as a body shop.

The files reviewed at the Winston-Salem Regional Office of the North Carolina Department of Environment and Natural Resources (NCDENR) did not contain any information about 6212 & 6214 Prospect Street. NCDENR representatives of the UST Section confirmed that the site has no assigned UST Facility ID number and that no UST Incident number has ever been assigned to the site. No groundwater monitoring wells were observed at the site.

3.0 Local Geology and Surroundings

The site is located in a developed area of Randolph County, North Carolina. Surrounding land uses are mostly commercial and industrial activities. It is located in an unincorporated area between High Point and Archdale, North Carolina.

This area is located in the Carolina Slate Belt within the Piedmont Physiographic Province of North Carolina. The land surface of the area is characterized by gently rolling hills terrain and long low ridges. The Carolina Slate Belt in the vicinity of the site is typified by a metamorphosed felsic intrusive complex that is Paleozoic in age.

The United States Department of Agriculture's *Web Soil Survey* (2014) (http://websoilsurvey.nrcs.usda.gov/app/WebSoilSurvey.aspx) maps the native soil in the investigation area as "Mecklenburg Clay Loam" (MeB2), which is characterized as moderately eroded "Interfluves" consisting of loam and clay loam, with saprolite as a parent material. The soils encountered at the site during the preliminary site assessment for 6212 & 6214 Prospect Street consisted predominantly of red/orange silty, stiff clay.

Groundwater was not encountered in borings constructed as part of the preliminary site assessment, and is most likely at depths greater than 15 feet below ground surface in the vicinity of the site. Based on the USGS topographic map presented as Figure 1, the site is located approximately 960 feet above mean sea level. The topography in Figure 1 indicates that groundwater in the vicinity of 6212 & 6214 Prospect Street most likely flows in a southeasterly direction towards unnamed tributaries of the Uwharrie River. Storm water from the site generally flows in a northerly direction to drainage ditches located on the south side of Prospect Street and the east side of Thompson Road.

4.0 Subsurface Investigation

To evaluate the presence or absence of USTs and/or impact to subsurface soil within the accessible portions of the existing and proposed easements and NCDOT ROW at 6212 & 6214 Prospect Street, GEL performed a limited site assessment within the accessible portions of the highlighted area shown in Figure 2 that consisted of the following tasks:

- Performance of a geophysical investigation to identify the presence or absence of USTs and associated appurtenances within the accessible portions of the existing and proposed easements and ROW.
- Soil vapor screening of soil samples collected from subsurface soil borings located within the accessible portions of the existing and proposed easements and ROW to evaluate the potential presence or absence of soil impact from petroleum constituents of concern.
- Collection and laboratory analysis of soil samples from the subsurface borings.

The details of these tasks are discussed in the following sections.

4.1 Geophysical Survey

The geophysical survey included the deployment of ground penetrating radar (GPR) technology and time domain electromagnetic technology (TDEM) to the site. These technologies were used in concert with one another in order to identify subsurface metallic anomalies and, more specifically, to identify the potential presence of USTs within the investigation area. A brief description of each technology is presented in the following paragraphs followed by a discussion of the results of the geophysical investigation.

4.1.1 Ground Penetrating Radar Methodology

A RAMAC digital radar control system configured with a 250 Megahertz (MHz) antenna array was used in this investigation. GPR is an electromagnetic geophysical method that detects interfaces between subsurface materials with differing dielectric constants. The GPR system consists of an antenna that houses the transmitter and receiver, a digital control unit that both generates and digitally records the GPR data, and a color video monitor to view data as they are collected in the field.

The transmitter radiates repetitive short-duration electromagnetic waves (at radar frequencies) into the earth from an antenna moving across the ground surface. These radar waves are reflected back to the receiver from the interface of materials with different dielectric constants. The intensity of the reflected signal is a function of the contrast in the dielectric constant between the materials, the conductivity of the material through which the wave is traveling, and the frequency of the signal. Subsurface features that commonly cause such reflections are: 1) natural geologic conditions, such as changes in sediment composition, bedding, and cementation horizons and voids; or 2) unnatural changes to the subsurface, such as disturbed soils, soil backfill, buried debris, tanks, pipelines, and utilities. The digital control unit processes the signal from the receiver and produces a continuous cross-section of the subsurface interface reflection events.

GPR data profiles are collected along transects, which are measured paths along which the GPR antenna is moved. During a survey, marks are placed in the data by the operator at designated points along the GPR transects or with a survey wheel odometer. These marks allow for a correlation between the GPR data and the position of the GPR antenna on the ground.

Depth of investigation of the GPR signal is highly site-specific and is limited by signal attenuation (absorption) in the subsurface materials. Signal attenuation is dependent on the electrical conductivity of the subsurface materials. Signal attenuation is greatest in materials with relatively high electrical conductivities, such as clays, brackish groundwater, or groundwater with a high dissolved solid content from natural or man-made sources. Signal attenuation is lowest in relatively low-conductivity materials, such as dry sand or rock. Depth of investigation is also dependent on the antenna's transmitting frequency. Depth of investigation generally increases as transmitting

frequency decreases; however, the ability to resolve smaller subsurface features is diminished as frequency is decreased.

The GPR antenna used at this site is internally shielded from aboveground interference sources. Accordingly, the GPR response is not affected by overhead power lines, metallic buildings, or nearby objects.

4.1.2 Time Domain Electromagnetic Methodology

The TDEM methods measure the electrical conductivity of subsurface materials. The conductivity is determined by inducing (from a transmitter) a time or frequency-varying magnetic field and measuring (with a receiver) the amplitude and phase shift of an induced secondary magnetic field. The secondary magnetic field is created by subsurface conductive materials behaving as an inductor as the primary magnetic field is passed through them.

The Geonics EM-61 system used in this investigation operates within these principles. However, the EM-61 TDEM system can discriminate between moderately conductive earth materials and very conductive metallic targets. The EM-61 consists of a portable coincident loop time domain transmitter and receiver with a 0.5-meter by 1.0-meter coil system. The EM-61 generates 150 pulses per second and measures the response from the ground after transmission or between pulses. The secondary EM responses from metallic targets are of longer duration than those created by conductive earth materials. By recording the later time EM arrivals, only the response from metallic targets is measured, rather than the field generated by the earth material.

4.1.3 Field Procedures

The GPR and TDEM field investigation was performed on April 17, 2014, within the accessible portions of the existing and proposed easements and ROW at 6212 & 6214 Prospect Street, as shown in Figure 3. A GPR system time range setting of 90 nanoseconds (ns) was used during the entire investigation. This range was determined after a series of test lines were conducted to evaluate the GPR response in the local geologic section. Interpretation of the GPR data was conducted in the field and any potential anomalies were marked in the field. GPR data processing typically included band pass filtering, background removal, horizontal smoothing, and gain adjustments. TDEM was also used to scan the project site. Any electromagnetic anomalies indicative of buried metallic objects were marked in the field.

It should be noted that NC 811 underground utility locations had been performed within the investigation area at 6212 & 6214 Prospect Street prior to the initiation of the preliminary site assessment field activities at the site and were marked with paint.

The TDEM and GPR data did not indicate the presence of "Known USTs," "Probable USTs," or "Possible USTs" in the subsurface of the investigation area. Additionally, there was no visual evidence of USTs in the investigation area. As shown in Figure 3, the presence of numerous automobiles within the investigation area resulted in limited access during the geophysical investigation, and EM-61 response imagery in several area caused by the automobiles.

As shown in Figure 3 and in Photograph 7 in Appendix I, a subsurface GPR anomaly was identified within the investigation area near soil boring location SB-7. EM-61 data collected from this area did not indicate the presence of a suspected UST in the subsurface. The anomaly area was penetrated several times to a depth of 2 feet below ground surface (bgs) using a hand probe but no USTs were encountered. However, concrete was encountered at each probe location. It was concluded that the GPR anomaly most likely indicates the presence of debris or possibly an underground septic tank, but not a UST.

4.2 Subsurface Soil Investigation

To evaluate the presence or absence of impact to subsurface soil by constituents of concern, GEL collected soil samples from seven subsurface soil borings at 6212 & 6214 Prospect Street, SB-1 through SB-7, on May 1, 2014 for analysis of potential contaminants from suspected previous or current auto repair activities at the site. The soil borings were constructed within accessible portions of the existing and proposed easements and NCDOT ROW at 6212 & 6214 Prospect Street as shown in Figures 2 and 4, and in Photographs 2 through 7 in Appendix I. The northing and easting coordinates for the boring locations are listed in the table below.

Summary of Location Data and PID Measurements
for Soil Samples Collected for Analysis at 6212 & 6214 Prospect Street

Soil Boring	Depth Interval of Soil Sample Collected for Analysis (feet bgs)	PID Reading (ppm)	Northing	Easting
SB-1	7-8	0.0	789401.539	1694770.372
SB-2	7-8	0.0	789335.452	1694766.395
SB-3	7-8	0.0	789293.936	1694765.342
SB-4	7-8	0.0	789374.714	1694808.601
SB-5	7-8	0.0	789332.393	1694793.147
SB-6	7-8	0.0	789301.042	1694788.066
SB-7	7-8	0.0	789286.643	1694779.184

Notes:
1) Northings and Eastings are based on the NC State Plane Coordinate System
2) bgs = below ground surface
3) PID = photoionization detector
4) ppm = parts per million

All borings were advanced to a total depth of 8 feet below ground surface (bgs). Soil samples were collected at depths of 7-8 feet bgs in all borings. All soil samples were inspected for indications of impact by constituents of concern, including petroleum hydrocarbons, such as odors, discoloration, or visible sheen. This sampling was accomplished using DPT provided by Regional Probing Services. Soil boring lithologic logs are attached as Appendix II of this document. Groundwater was not encountered in any borings.

The soil samples were screened for the presence of organic vapors using a portable photoionization detector (PID). The PID measures the concentration of organic compounds in the vapor space above a soil sample resulting from volatilization of organic compounds contained in the soil. To screen the soils, each sample was placed in a clean, resealable polyethylene bag. The bag was sealed, and the sample was allowed to equilibrate for approximately 5 minutes, after which time a small opening was made in the bag. The probe of the PID was then inserted into the bag, and the airspace above the soil was screened for organic vapors.

No organic vapor concentrations were measured in any of the soil screening samples collected from the seven. Therefore, to assess the subsurface soil quality, soil samples

collected from the 7 to 8-foot depth interval from all borings were designated for analysis.

Following completion of the soil sampling activities, all borings were abandoned by filling the boreholes with soil cuttings and hydrated bentonite. Soil samples collected from the borings were submitted to QROS' analytical laboratory in Wilmington, North Carolina for analysis of petroleum hydrocarbon constituents using Ultra-violet Fluorescence Spectrometry. To address previous and current auto repair activities that have been conducted at the site, the soil samples collected from borings SB-2, and SB-4 through SB-7 were submitted to Pace Analytical Services in Huntersville, North Carolina for analysis of volatile organic compounds (VOCs) using EPA Method 8260B and semi-volatile organic compounds (SVOCs) using EPA Method 8270D. The analytical results are included on the Certificates of Analysis provided in Appendix III, and a summary of the analytical results is presented in Table 1.

The analytical results indicate that gasoline range organics (GRO) was not detected in any of the samples, and diesel range organics (DRO) was detected in only one sample, SB-6, at a concentration of 6.04 milligrams per kilogram (mg/kg), which is significantly below the NCDENR action level for DRO (10 mg/kg). No VOCs or SVOCs were detected in the five samples analyzed for those constituents.

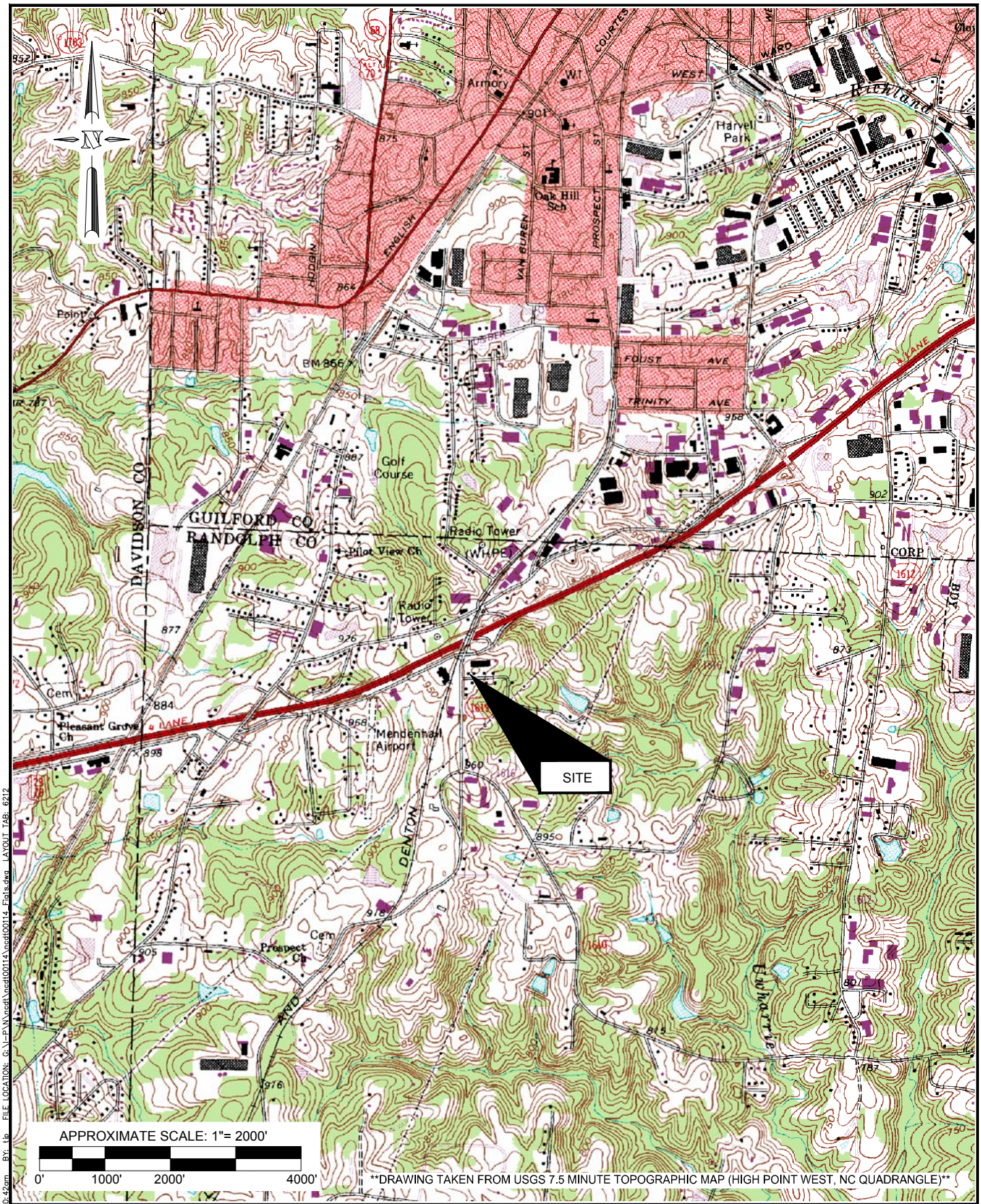
5.0 Conclusions and Recommendations

GEL performed a preliminary site assessment within the accessible portions of the existing and proposed easements and NCDOT ROW at 6212 & 6214 Prospect Street in Archdale, North Carolina that included a geophysical investigation and the collection and analysis of soil samples. No subsurface anomalies indicative of suspected or known USTs were identified within the investigation area. One GPR anomaly was identified within the investigation area, but no USTs were encountered when the area was penetrated using a hand probe. However, concrete was encountered at each probe location at a depth of 2 feet below ground surface.

Soil samples were collected for analysis from seven borings constructed within the investigation area and analyzed for petroleum hydrocarbon constituents. GRO was not detected in any of the samples, and DRO was detected in one sample at a level significantly below the NCDENR action level of 10 mg/kg for DRO.

No additional environmental investigation of the soil at the site by NCDOT is recommended at this time.

FIGURES



DRAWING TAKEN FROM USGS 7.5 MINUTE TOPOGRAPHIC MAP (HIGH POINT WEST, NC QUADRANGLE)

GEL Engineering of NC Inc.

an affiliate of THE GEL GROUP INC
ENVIRONMENTAL ▪ ENGINEERING ▪ SURVEYING

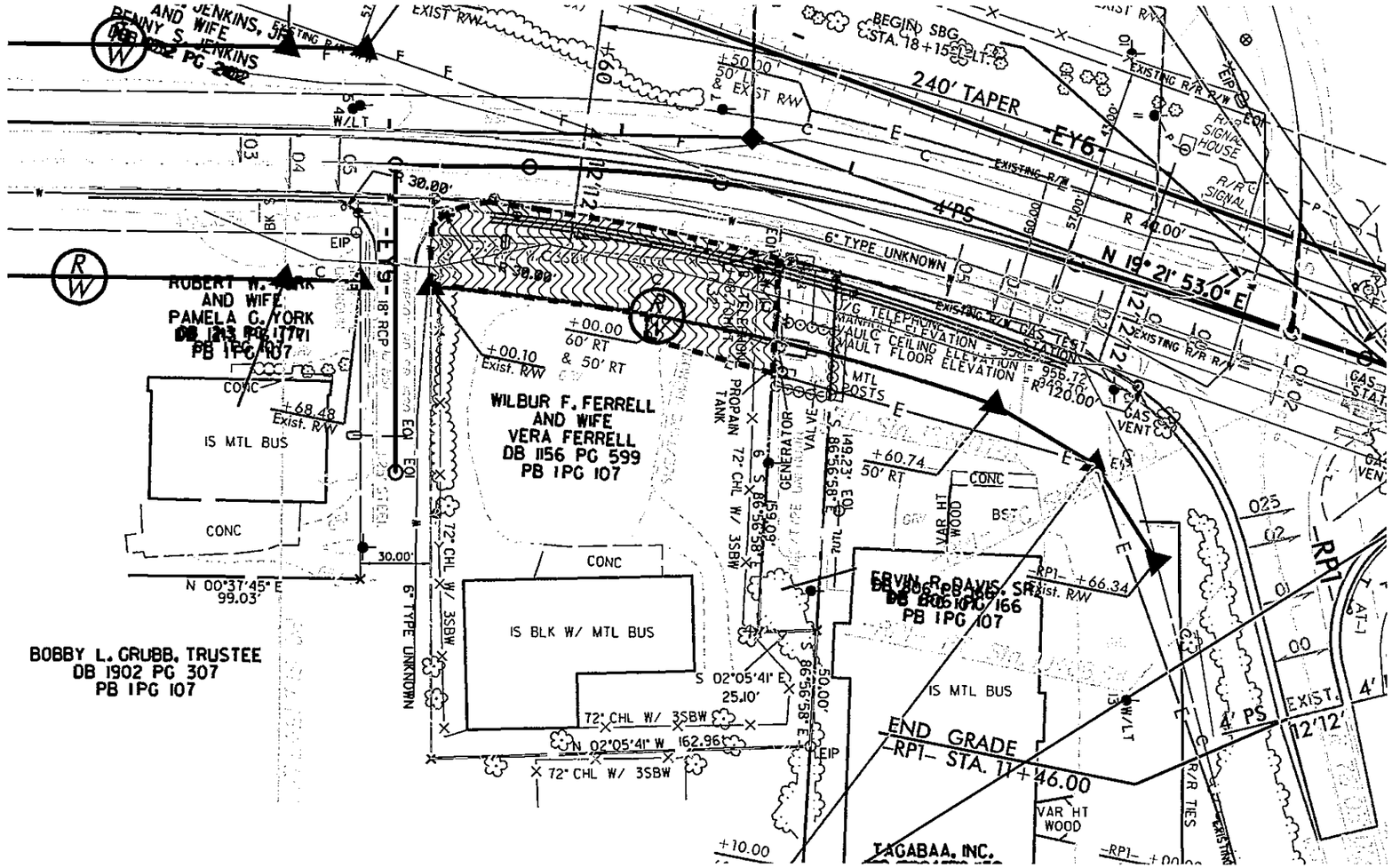
problem solved

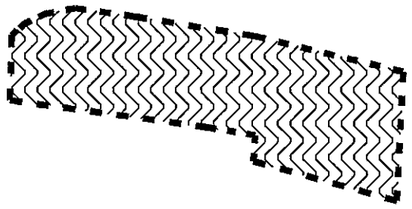
Post Office Box 14262
Research Triangle Park, NC 27709
P 919.544.1100
F 919.237.9177
www.gel.com

PROJECT: ncdt00114		
PRELIMINARY SITE ASSESSMENT 6212 & 6214 PROSPECT STREET ARCHDALE, RANDOLPH COUNTY, NORTH CAROLINA TIP NO. B-5114, WBS ELEMENT NO. 42252.1.1	SITE LOCATION MAP	FIGURE 1
DATE: July 8, 2014	DRAWN BY: TJP / APPRV. BY: ADE	

PLOTTED: Jul 09, 2014 – 10:42am BY: tjp FILE LOCATION: G:\J-PVN\ncdt\ncdt00114\ncdt00114_Fig1s.dwg LAYOUT TAB: 6212

SEE FIGURE 5 FOR SUPPLEMENTAL LEGEND FOR USE WITH FIGURE 2





INVESTIGATION AREA

NO SCALE

FIGURE IS AN EXCERPT FROM NCDOT B5114_RDY_DSN.DGN FILE

GEL Engineering of NC, Inc.
an Affiliate of The GEL Group, Inc.

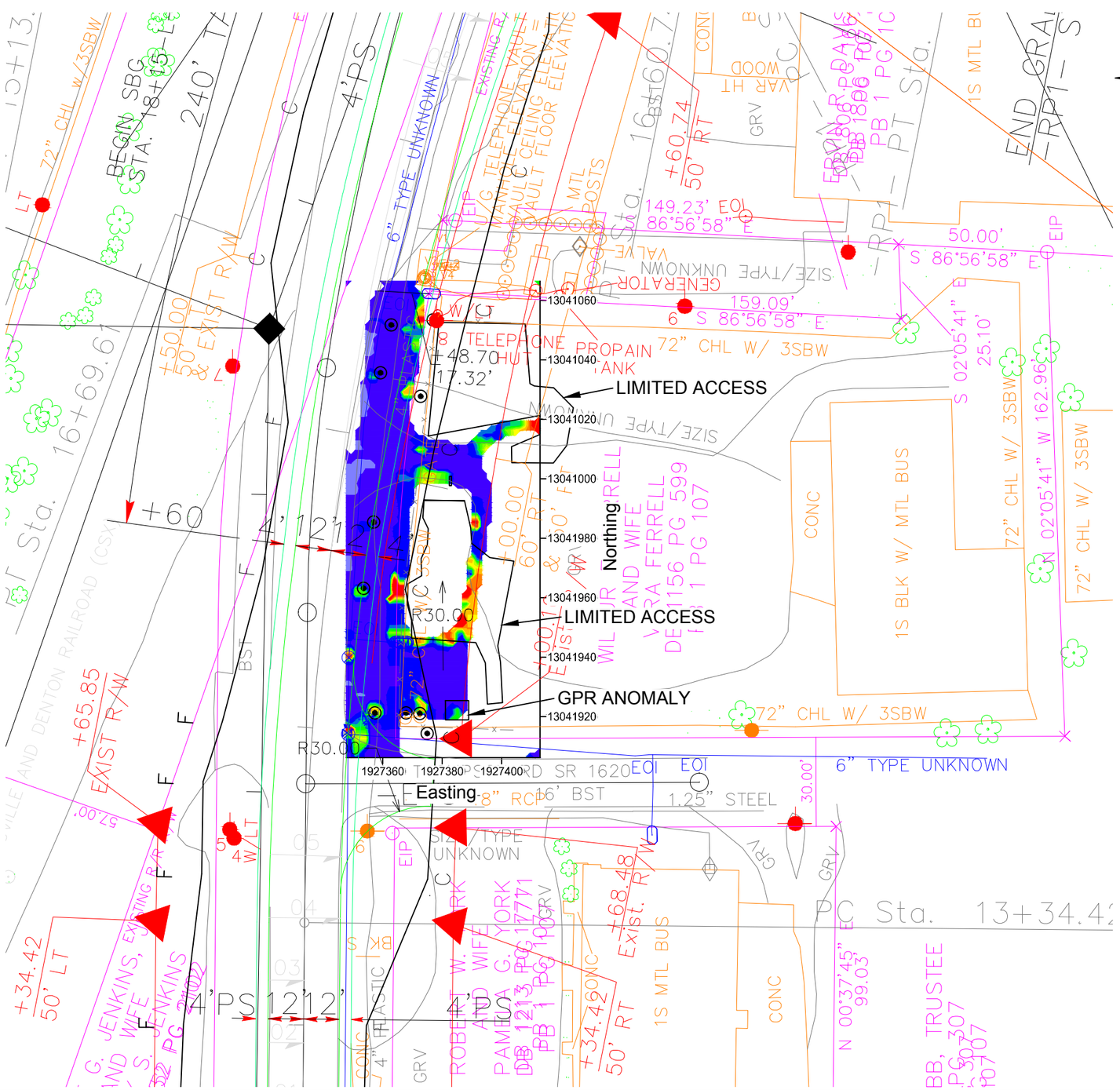
P.O. BOX 27709
RESEARCH TRIANGLE PARK, NC
(919) 544-1100

PROJECT: ncdt00114		
PRELIMINARY SITE ASSESSMENT 6212 & 6214 PROSPECT STREET ARCHDALE, RANDOLPH COUNTY, NORTH CAROLINA STATE PROJECT B-5114, WBS ELEMENT NO. 42252.1.1	SITE MAP SHOWING LOCATION OF INVESTIGATION AREA	FIGURE 2
DATE: July 10, 2014	DRAWN BY: ADE / APPRV. BY:	

SEE FIGURE 5 FOR SUPPLEMENTAL LEGEND FOR USE WITH FIGURE 3

NOTES:

1. UNDERGROUND FEATURES WERE LOCATED USING VISUAL EVIDENCE, GROUND PENETRATING RADAR (GPR), AND TIME DOMAIN ELECTROMAGNETIC (TDEM) METHODS. OTHER BURIED UTILITIES AND STRUCTURES MAY EXIST BUT WERE NOT DETECTED DUE TO LIMITATIONS OF THE GEOPHYSICAL METHODS, SITE ACCESS, AND/OR HIGH TARGET CONGESTION. THEREFORE, DUE CAUTION SHOULD BE USED WHEN PERFORMING SUBSURFACE EXCAVATION ACTIVITIES WHERE POTENTIAL CONFLICTS EXIST. GEL ENGINEERING OF NC, INC. IS NOT RESPONSIBLE FOR DAMAGES THAT MAY OCCUR. IDENTIFYING THE LOCATION OF SOME UTILITIES MAY ONLY BE POSSIBLE WITH VACUUM OR OTHER EXCAVATION METHODS.
2. FIELD SURVEY CONDUCTED ON 4.17.2014.
3. DATA FROM GEONICS, LTD. EM-61 MKII AND MALA GEOSCIENCE GROUND PENETRATING RADAR.
4. BASE MAP PROVIDED BY NCDOT. GEL ENGINEERING OF NC IS NOT LIABLE FOR ACCURACY.



APPROXIMATE SCALE: 1"= 40'

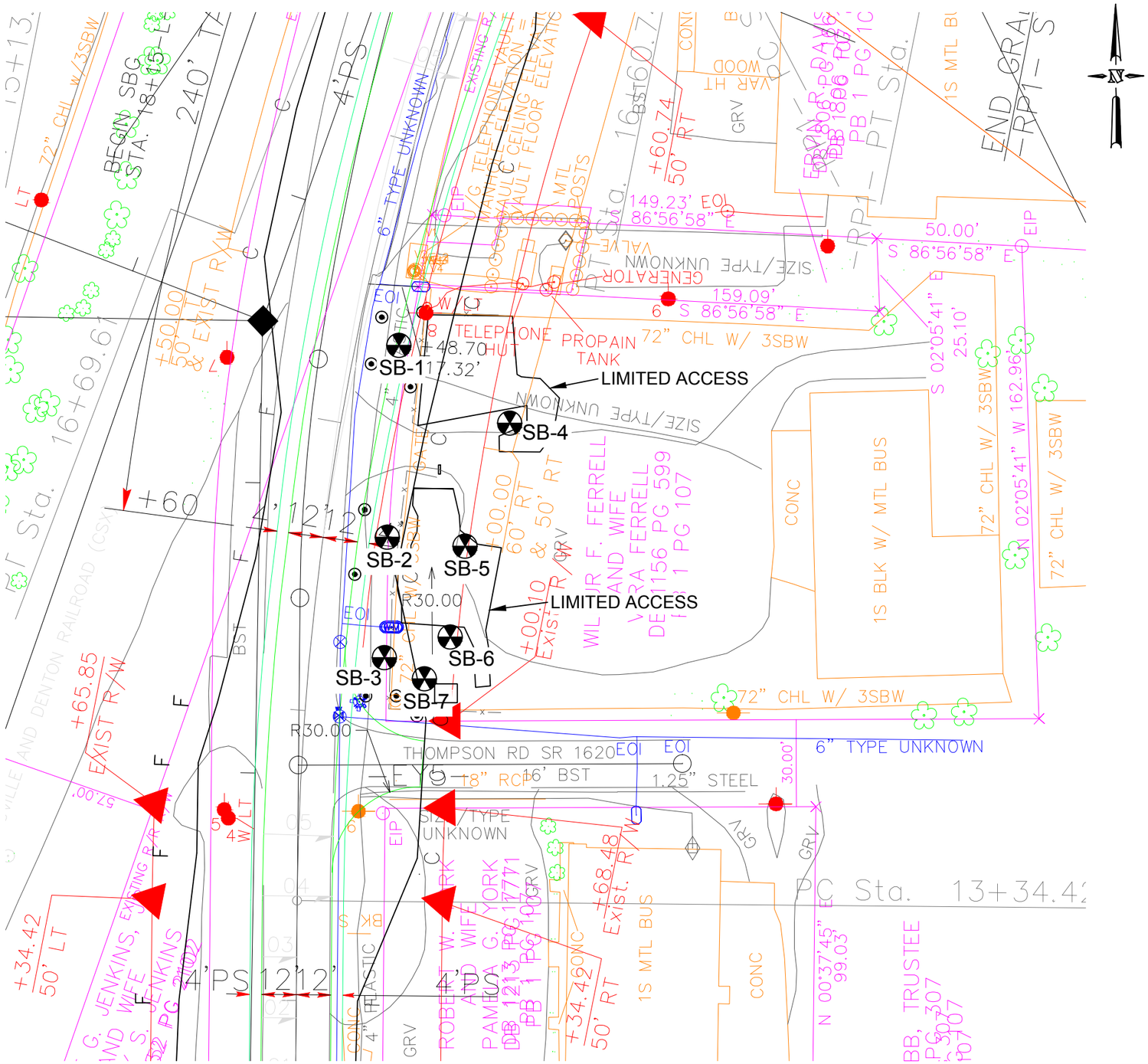
0' 20' 40' 80'

GEL Engineering of NC Inc.
an Affiliate of THE GEL GROUP INC
ENVIRONMENTAL ■ ENGINEERING ■ SURVEYING
problem solved

Post Office Box 14262
Research Triangle Park, NC 27709
P 919–544–1100
F 919–406-1807
www.gel.com

PROJECT: ncdt00114		
PRELIMINARY SITE ASSESSMENT 6212 & 6214 PROSPECT STREET HIGHPOINT, RANDOLPH COUNTY, NORTH CAROLINA TIP NO. B-5114, WBS ELEMENT NO. 42252.1.1	SITE MAP SHOWING RESULTS OF GEOPHYSICAL INVESTIGATION	FIGURE 3
DATE: July 29, 2014	DRAWN BY: TJP APPRV. BY: ADE	

SEE FIGURE 5 FOR SUPPLEMENTAL LEGEND FOR USE WITH FIGURE 4



LEGEND

SB-1 ☢ SOIL BORING LOCATION

APPROXIMATE SCALE: 1"= 40'

0' 20' 40' 80'

GEL Engineering of NC Inc.

an Affiliate of THE GEL GROUP INC
ENVIRONMENTAL ■ ENGINEERING ■ SURVEYING

problem solved

Post Office Box 14262
Research Triangle Park, NC 27709
P 919–544–1100
F 919–406-1807
www.gel.com

PROJECT: ncdt00114

PRELIMINARY SITE ASSESSMENT
6212 & 6214 PROSPECT STREET
ARCHDALE, RANDOLPH COUNTY, NORTH CAROLINA
TIP NO. B-5114, WBS ELEMENT NO. 42252.1.1

SITE MAP SHOWING LOCATIONS OF SOIL BORINGS

FIGURE 4

DATE: July 29, 2014

DRAWN BY: TJP APPRV. BY: ADE

Note: Not to Scale

**S.U.E. = Subsurface Utility Engineering*

STATE OF NORTH CAROLINA
DIVISION OF HIGHWAYS

CONVENTIONAL PLAN SHEET SYMBOLS

BOUNDARIES AND PROPERTY:

- State Line
- County Line
- Township Line
- City Line
- Reservation Line
- Property Line
- Existing Iron Pin
- Property Corner
- Property Monument
- Parcel/Sequence Number
- Existing Fence Line
- Proposed Woven Wire Fence
- Proposed Chain Link Fence
- Proposed Barbed Wire Fence
- Existing Wetland Boundary
- Proposed Wetland Boundary
- Existing Endangered Animal Boundary
- Existing Endangered Plant Boundary
- Known Soil Contamination: Area or Site
- Potential Soil Contamination: Area or Site

BUILDINGS AND OTHER CULTURE:

- Gas Pump Vent or U/G Tank Cap
- Sign
- Well
- Small Mine
- Foundation
- Area Outline
- Cemetery
- Building
- School
- Church
- Dam

HYDROLOGY:

- Stream or Body of Water
- Hydro, Pool or Reservoir
- Jurisdictional Stream
- Buffer Zone 1
- Buffer Zone 2
- Flow Arrow
- Disappearing Stream
- Spring
- Wetland
- Proposed Lateral, Tail, Head Ditch
- False Sump

RAILROADS:

- Standard Gauge
- RR Signal Milepost
- Switch
- RR Abandoned
- RR Dismantled

RIGHT OF WAY:

- Baseline Control Point
- Existing Right of Way Marker
- Existing Right of Way Line
- Proposed Right of Way Line
- Proposed Right of Way Line with Iron Pin and Cap Marker
- Proposed Right of Way Line with Concrete or Granite R/W Marker
- Proposed Control of Access Line with Concrete C/A Marker
- Existing Control of Access
- Proposed Control of Access
- Existing Easement Line
- Proposed Temporary Construction Easement
- Proposed Temporary Drainage Easement
- Proposed Permanent Drainage Easement
- Proposed Permanent Drainage / Utility Easement
- Proposed Permanent Utility Easement
- Proposed Temporary Utility Easement
- Proposed Aerial Utility Easement
- Proposed Permanent Easement with Iron Pin and Cap Marker

ROADS AND RELATED FEATURES:

- Existing Edge of Pavement
- Existing Curb
- Proposed Slope Stakes Cut
- Proposed Slope Stakes Fill
- Proposed Curb Ramp
- Existing Metal Guardrail
- Proposed Guardrail
- Existing Cable Guiderail
- Proposed Cable Guiderail
- Equality Symbol
- Pavement Removal

VEGETATION:

- Single Tree
- Single Shrub
- Hedge
- Woods Line
- Orchard
- Vineyard

EXISTING STRUCTURES:

MAJOR:
- Bridge, Tunnel or Box Culvert
- Bridge Wing Wall, Head Wall and End Wall

MINOR:
- Head and End Wall
- Pipe Culvert
- Footbridge
- Drainage Box: Catch Basin, DI or JB
- Paved Ditch Gutter
- Storm Sewer Manhole
- Storm Sewer

UTILITIES:

POWER:
- Existing Power Pole
- Proposed Power Pole
- Existing Joint Use Pole
- Proposed Joint Use Pole
- Power Manhole
- Power Line Tower
- Power Transformer
- U/G Power Cable Hand Hole
- H-Frame Pole
- Recorded U/G Power Line
- Designated U/G Power Line (S.U.E.*)

TELEPHONE:
- Existing Telephone Pole
- Proposed Telephone Pole
- Telephone Manhole
- Telephone Booth
- Telephone Pedestal
- Telephone Cell Tower
- U/G Telephone Cable Hand Hole
- Recorded U/G Telephone Cable
- Designated U/G Telephone Cable (S.U.E.*)
- Recorded U/G Telephone Conduit
- Designated U/G Telephone Conduit (S.U.E.*)
- Recorded U/G Fiber Optics Cable
- Designated U/G Fiber Optics Cable (S.U.E.*)

WATER:
- Water Manhole
- Water Meter
- Water Valve
- Water Hydrant
- Recorded U/G Water Line
- Designated U/G Water Line (S.U.E.*)
- Above Ground Water Line

TV:
- TV Satellite Dish
- TV Pedestal
- TV Tower
- U/G TV Cable Hand Hole
- Recorded U/G TV Cable
- Designated U/G TV Cable (S.U.E.*)
- Recorded U/G Fiber Optic Cable
- Designated U/G Fiber Optic Cable (S.U.E.*)

GAS:
- Gas Valve
- Gas Meter
- Recorded U/G Gas Line
- Designated U/G Gas Line (S.U.E.*)
- Above Ground Gas Line

SANITARY SEWER:
- Sanitary Sewer Manhole
- Sanitary Sewer Cleanout
- U/G Sanitary Sewer Line
- Above Ground Sanitary Sewer
- Recorded SS Forced Main Line
- Designated SS Forced Main Line (S.U.E.*)

MISCELLANEOUS:
- Utility Pole
- Utility Pole with Base
- Utility Located Object
- Utility Traffic Signal Box
- Utility Unknown U/G Line
- U/G Tank; Water, Gas, Oil
- Underground Storage Tank, Approx. Loc.
- A/G Tank; Water, Gas, Oil
- Geoenvironmental Boring
- U/G Test Hole (S.U.E.*)
- Abandoned According to Utility Records — AATUR
- End of Information — E.O.I.

NOTE: LEGEND WAS PROVIDED BY NCDOT

GEL ENGINEERING of NC, Inc.
an Affiliate of THE GEL GROUP, Inc.

Post Office Box 14262
Research Triangle Park, NC 27709
(919) 544-1100

PROJECT: ncdt00114

PRELIMINARY SITE ASSESSMENT

6212 & 6214 PROSPECT STREET
ARCHDALE, RANDOLPH COUNTY, NORTH CAROLINA
STATE PROJECT B-5114, WBS ELEMENT NO. 42252.1.1

SUPPLEMENTAL LEGEND FOR USE WITH FIGURES 2, 3, AND 4

FIGURE 5

DATE: July 10, 2014

DRAWN BY: ADE

TABLES

TABLE 1

SUMMARY OF ANALYTICAL RESULTS FOR COLLECTED SOIL SAMPLES

Preliminary Site Assessment
6212 & 6214 Prospect Street, Archdale, Randolph County, North Carolina
State Project No. B-5114, WBS Element #42252.1.1

	QROS Results							Pace Results	
								VOCs	SVOCs
Sample ID	**GRO**	**DRO**	**BTEX (C6-C9)**	**TPH (C5-C35)**	**Total Aromatics (C10-C35)**	**16 EPA PAHs**	**Benzo(a)pyrene**		
SB-1	<0.7	<0.14	<0.7	<0.7	<0.14	<0.01	<0.014	NA	NA
SB-2	<0.6	<0.12	<0.6	<0.6	<0.12	<0.01	<0.012	None detected	None detected
SB-3	<0.6	<0.12	<0.6	<0.6	<0.12	<0.01	<0.012	NA	NA
SB-4	<0.6	<0.13	<0.6	<0.7	<0.13	<0.01	<0.013	None detected	None detected
SB-5	<0.6	<0.12	<0.6	<0.12	<0.12	<0.01	<0.011	None detected	None detected
SB-6	<0.6	6.04	<0.6	6.04	1.58	0.06	<0.012	None detected	None detected
SB-7	<0.6	<0.12	<0.6	<0.6	<0.12	<0.01	<0.012	None detected	None detected
NCDENR Action Level		***10***	***10***						
NCDENR MSCC							***0.088***		

1) All reported values for soil are shown in milligrams per kilogram (mg/kg).

2) NA = not analyzed

3) MSCC = NCDENR's Maximum Soil Contaminant Concnetration Levels (April 2012); MSCC shown is the lowest of established Residential Soil Cleanup Levels and Soil-to Groundwater Maximum Contaminant Concentration shown in the NCDENR MSCC Table for any given constituent.

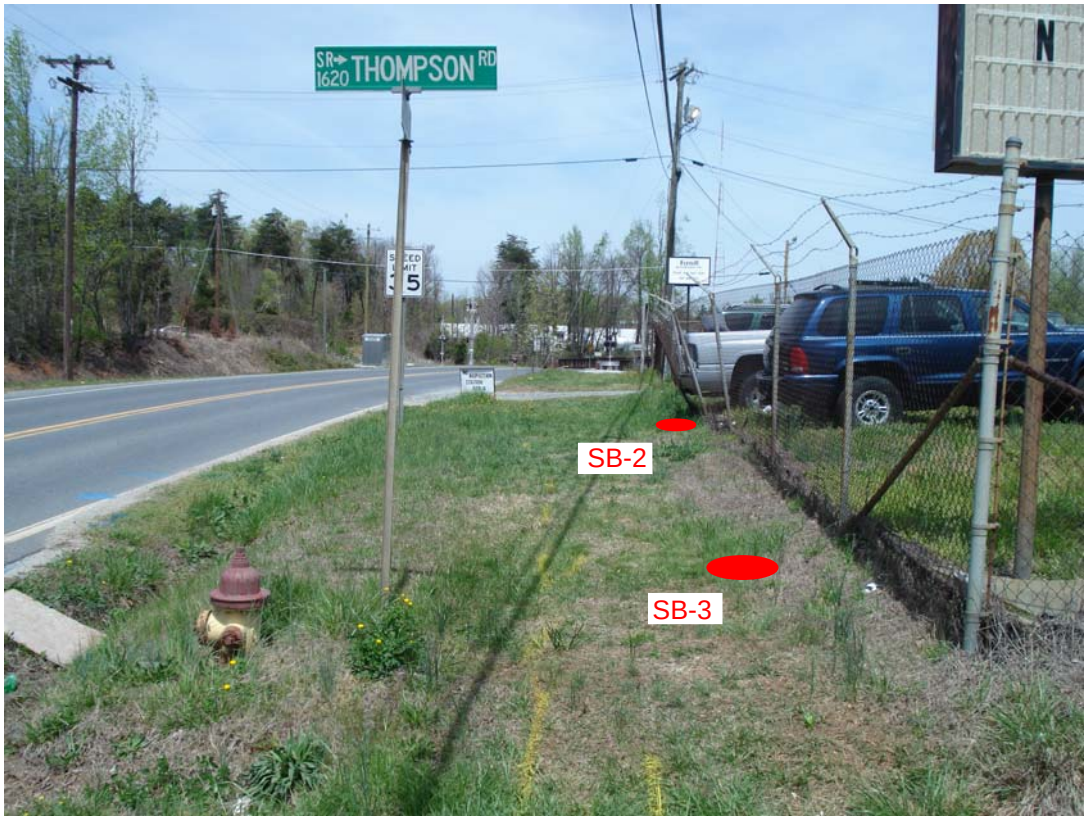
APPENDICES

APPENDIX I

PHOTOGRAPHS

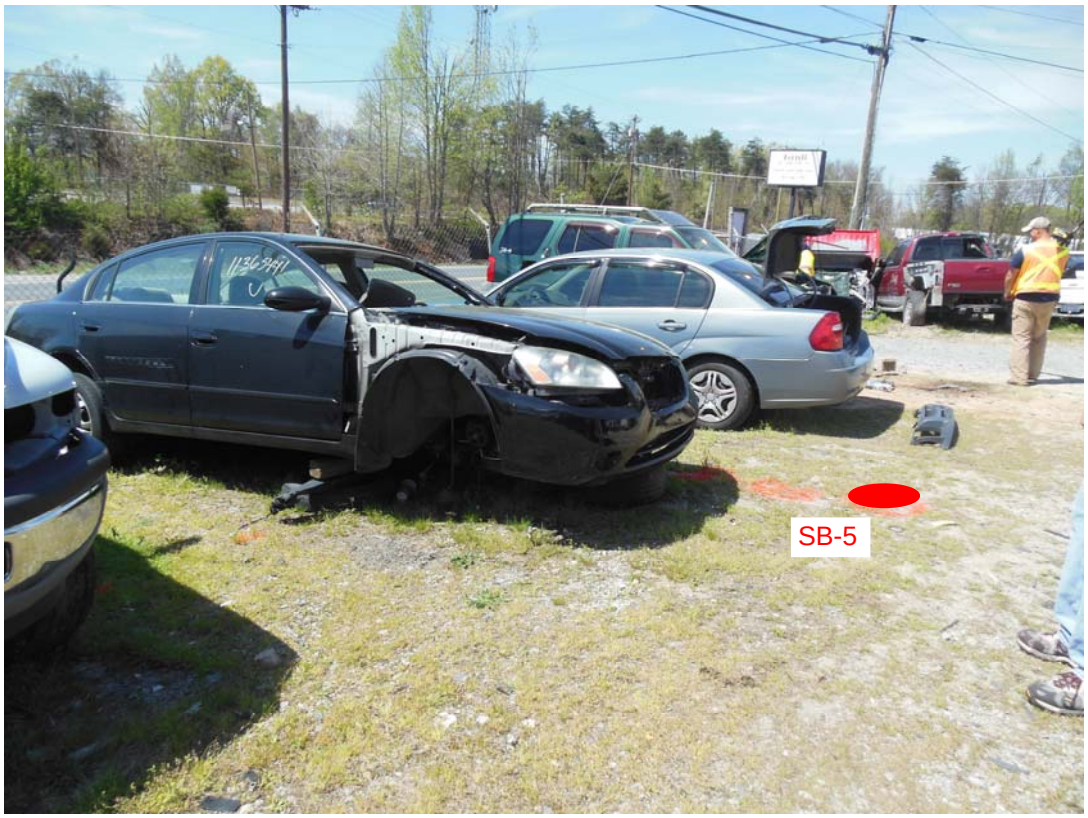
Photograph 1: View looking south at 6212 & 6214 Prospect Street from north side of Prospect Street.

Photograph 2: View looking west at location of soil boring SB-1.



Photograph 3: View looking east at locations of soil borings SB-2 and SB-3.

Photograph 4: View looking southeast from site entrance at location of soil boring SB-4.



Photograph 5: View looking northeast at location of soil boring S-5.

Photograph 6: View looking northwest at location of soil boring S-6.

Photograph 7: View looking south at locations of soil boring S-7 and identified GPR anomaly.

APPENDIX II

SOIL BORING LITHOLOGIC LOGS

SOIL BORING LOG

Boring/Well No.: **SB-1**
Date Started: 5/1/14
Date Completed: 5/1/14

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0.0' – 5.0'	--	0.0	Red Clay, Med. Stiff, Moist	CL
2	5.0' – 8.0'	--	0.0	Orange Red Clayey Silt, Soft, Moist	ML
3					
4				Total depth = 8 feet below land surface	
5					
6					
7					
8					
9					
10					

Notes:

1) 4-foot continuous cores using DPT.

2) PID readings shown are for discrete samples collected at depth intervals of 3'– 4', and 7'– 8'

SOIL BORING LOG

Boring/Well No.: **SB-2**
Date Started: 5/1/14
Date Completed: 5/1/14

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0.0' – 5.5'	--	0.0	Orange Red Clay, Med. Stiff, Moist	CL
2	5.5' – 8.0'	--	0.0	Orange Red Clayey Silt, Moist	ML
3					
4				Total depth = 8 feet below land surface	
5					
6					
7					
8					
9					
10					

Notes:

1) 4-foot continuous cores using DPT.

2) PID readings shown are for discrete samples collected at depth intervals of 3'– 4', and 7'– 8'

SOIL BORING LOG

Boring/Well No.: **SB-3**
Date Started: 5/1/14
Date Completed: 5/1/14

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0.0' – 4.0'	--	0.0	Red Silty Clay, Stiff, Damp	CL
2	4.0' – 8.0'	--	0.0	Red Silty Clay, Stiff, Moist	CL
3					
4				Total depth = 8 feet below land surface	
5					
6					
7					
8					
9					
10					

Notes:

1) 4-foot continuous cores using DPT.

2) PID readings shown are for discrete samples collected at depth intervals of 3'– 4', and 7'– 8'

SOIL BORING LOG

Boring/Well No.: **SB-4**
Date Started: 5/1/14
Date Completed: 5/1/14

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0.0' – 5.0'	--	0.0	Red Orange Tan mottled Clay, Moist	CL
2	5.0' – 8.0'	--	0.0	Red Orange Tan White mottled Silty Clay, Moist	CL
3					
4				Total depth = 8 feet below land surface	
5					
6					
7					
8					
9					
10					

Notes:

1) 4-foot continuous cores using DPT.

2) PID readings shown are for discrete samples collected at depth intervals of 3'– 4', and 7'– 8'

SOIL BORING LOG

Boring/Well No.: **SB-5**
Date Started: 5/1/14
Date Completed: 5/1/14

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0.0' – 6.5'	--	0.0	Red Orange mottled Clay, Very Stiff, Damp	CL
2	6.5' – 8.0'	--	0.0	Red Orange Silty Clay, Moist	CL
3					
4				Total depth = 8 feet below land surface	
5					
6					
7					
8					
9					
10					

Notes:

1) 4-foot continuous cores using DPT.

2) PID readings shown are for discrete samples collected at depth intervals of 3'– 4', and 7'– 8'

SOIL BORING LOG

Boring/Well No.: **SB-6**
Date Started: 5/1/14
Date Completed: 5/1/14

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0.0' – 4.0'	--	0.0	Red Brown Clay, Very Stiff, Damp	CL
2	4.0' – 8.0'	--	0.0	Red Brown Silty Clay, Med. Stiff, Moist	CL
3					
4				Total depth = 8 feet below land surface	
5					
6					
7					
8					
9					
10					

Notes:

1) 4-foot continuous cores using DPT.

2) PID readings shown are for discrete samples collected at depth intervals of 3'– 4', and 7'– 8'

SOIL BORING LOG

Boring/Well No.: **SB-7**
Date Started: 5/1/14
Date Completed: 5/1/14

No.	Depth Interval	Blow Counts	PID (ppm)	Soil Description	Soil Type
1	0.0' – 4.0'	--	0.0	Red Brown-Tan Clay, Stiff, Damp	CL
2	4.0' – 8.0'	--	0.0	Red Orange Silty Clay, Moist	CL
3					
4				Total depth = 8 feet below land surface	
5					
6					
7					
8					
9					
10					

Notes:

1) 4-foot continuous cores using DPT.

2) PID readings shown are for discrete samples collected at depth intervals of 3'– 4', and 7'– 8'

APPENDIX III

CERTIFICATES OF ANALYSIS AND CHAIN OF CUSTODY RECORD FOR SOIL SAMPLES

QROS, LLC Results

QED

AQROS

Hydrocarbon Analysis Results

Client: GEL Engineering of NC
Address:

Samples taken Thursday, May 1, 2014
Samples extracted Thursday, May 1, 2014
Samples analysed Monday, May 5, 2014

Contact: Andrew Eyer

Operator Rachel Menoher

Project: NCDOT WBS#42252.1.1 NCDOT 00114

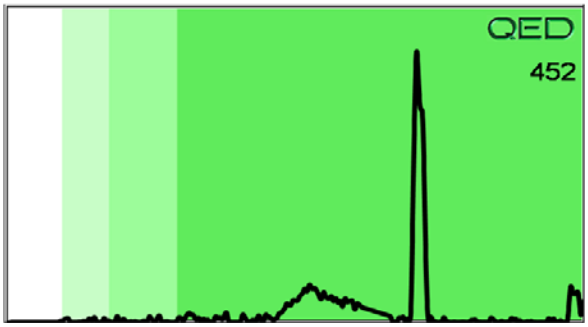
Matrix	Sample ID	Dilution used	BTEX (C6 - C9)	GRO (C5 - C10)	DRO (C10 - C35)	TPH (C5 - C35)	Total Aromatics (C10-C35)	16 EPA PAHs	BaP	Ratios			HC Fingerprint Match
										% light	% mid	% heavy	
s	SB-1	14.0	<0.7	<0.7	<0.14	<0.7	<0.14	<0.01	<0.014	0	0	0	TPH not detected
s	SB-2	12.0	<0.6	<0.6	<0.12	<0.6	<0.12	<0.01	<0.012	0	0	100	TPH not detected
s	SB-3	12.0	<0.6	<0.6	<0.12	<0.6	<0.12	<0.01	<0.012	0	0	0	TPH not detected
s	SB-7	12.0	<0.6	<0.6	<0.12	<0.6	<0.12	<0.01	<0.012	0	0	100	TPH not detected
s	SB-6	11.0	<0.6	<0.6	6.04	6.04	1.58	0.06	<0.011	84.6	9.9	5.4	Waste Oil (FCM) 60.8%
s	SB-5	12.0	<0.6	<0.6	<0.12	<0.12	<0.12	<0.01	<0.012	0	25.5	74.5	Background Organics (P)
s	SB-4	13.0	<0.6	<0.6	<0.13	<0.7	<0.13	<0.01	<0.013	0	0	0	TPH not detected

Initial Calibrator QC check OK Final FCM QC Check OK 97.9%

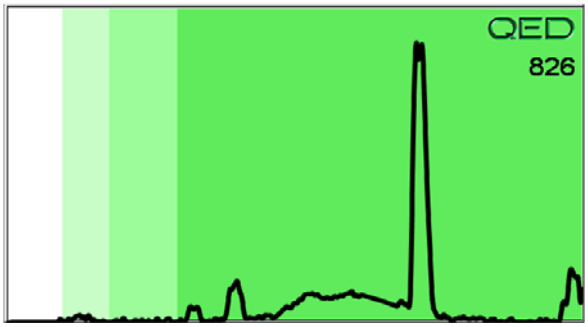
Results generated by a QED HC-1 analyser. Concentration values in mg/kg for soil samples and mg/L for water samples. Soil values are not corrected for moisture or stone content

Fingerprints provide a tentative hydrocarbon identification. The abbreviations are:- FCM = Results calculated using Fundamental Calibration Mode : % = confidence for sample fingerprint match to library (SBS) or (LBS) = Site Specific or Library Background Subtraction applied to result : (PFM) = Poor Fingerprint Match : (T) = Turbid : (P) = Particulate present

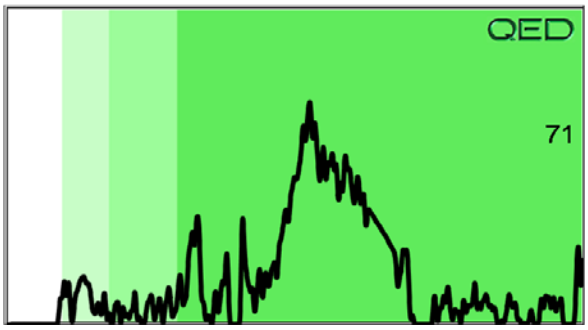
TPH not detected SB-1



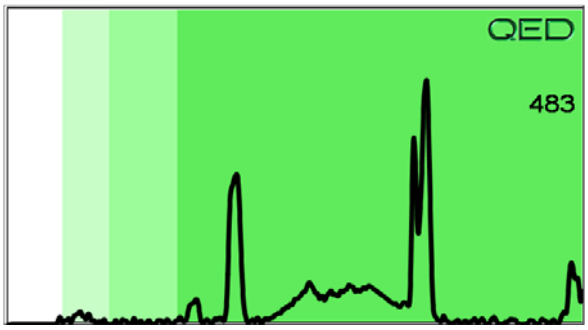
TPH not detected SB-2



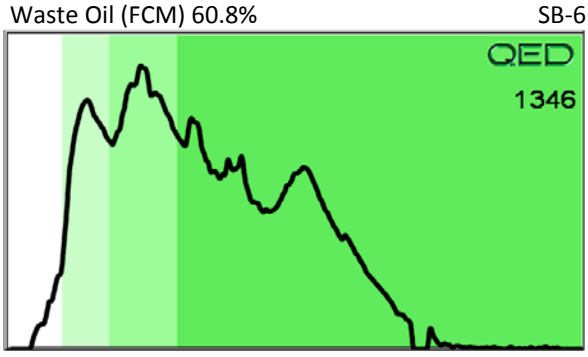
TPH not detected SB-3



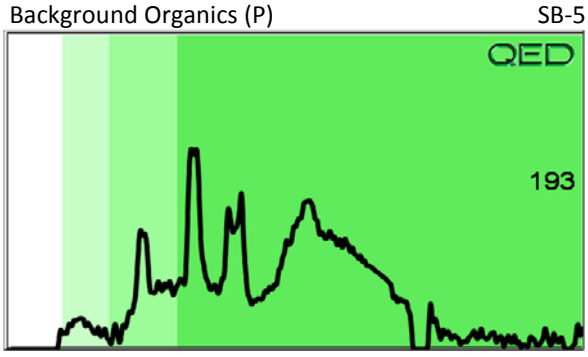
TPH not detected SB-7



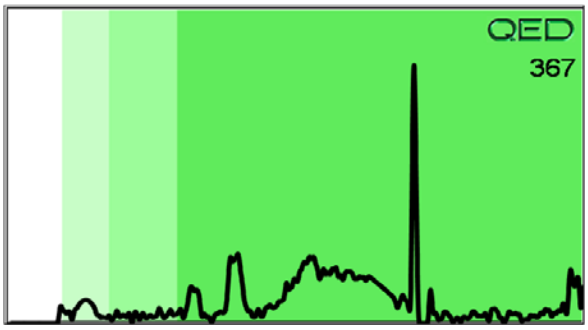
Waste Oil (FCM) 60.8% SB-6



Background Organics (P) SB-5



TPH not detected SB-4



Chain of Custody Record and Analytical Request Form

Sample ID	Sample Collection			TAT Requested	
QED UVF	Date	Time	Initials	24 Hour	48 Hour
S-5	5-1-14	09:45	RSG		X
S-6		09:55			X
S-7		10:10			X
S-4		10:35			X
S-3		10:50			X
S-2		11:10			X
S-1		11:20			X
Trip Blank	—	—	—	—	—
SB-1	5-1-14	13:25	RSG		X
SB-2		13:35			X
SB-3		13:55			X
SB-7		14:10			X
SB-6		14:30			X
SB-5		14:45			X
SB-4		15:00			X

Client: GEL Eng of NC

Contact: Andrew Eyer

Phone: (919) 323-8828

Email: ade@gel.com

Project Reference: NCDOT WBS# 42252.1.1 NCDT00114

Each Sample will be analyzed for total

BTEX, GRO, DRO, TPH, and PAH

Each Sample will generate a fingerprint representative of the petroleum product within the sample. Electronic Data will be submitted to the email above.

Relinquished by	Date/time	Accepted by	Date/time
	5/2/14 1205		5/5/14 12:15
Relinquished by	Date/time	Accepted by	Date/time
Relinquished by	Date/time	Accepted by	Date/time

919-278-8926

SHIP TO: QROS

420 Raleigh Street Suite E

Wilmington, NC 28412

Pace Analytical Services Results

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

May 09, 2014

Andrew Stahl
GEL Engineering of NC
PO Box 14262
RTP, NC 27709

RE: Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Dear Andrew Stahl:
Enclosed are the analytical results for sample(s) received by the laboratory on May 02, 2014. 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,

Angela M. Baioni

Angela Baioni
angela.baioni@pacelabs.com
Project Manager

Enclosures

cc: Chemical Testing Engineer, NCDOT
Andrew Eyer, GEL Engineering of NC

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

CERTIFICATIONS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

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

SAMPLE ANALYTE COUNT

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92199670001	**SB-2**	EPA 8270	BPJ	73	PASI-C
		EPA 8260	DLK	69	PASI-C
		ASTM D2974-87	AES	1	PASI-C
92199670002	**SB-7**	EPA 8270	BPJ	73	PASI-C
		EPA 8260	DLK	69	PASI-C
		ASTM D2974-87	AES	1	PASI-C
92199670003	**SB-6**	EPA 8270	BPJ	73	PASI-C
		EPA 8260	DLK	69	PASI-C
		ASTM D2974-87	AES	1	PASI-C
92199670004	**SB-5**	EPA 8270	BPJ	73	PASI-C
		EPA 8260	DLK	69	PASI-C
		ASTM D2974-87	AES	1	PASI-C
92199670005	**SB-4**	EPA 8270	BPJ	73	PASI-C
		EPA 8260	DLK	69	PASI-C
		ASTM D2974-87	AES	1	PASI-C

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-2 **Lab ID: 92199670001** Collected: 05/01/14 13:35 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	83-32-9	
Acenaphthylene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	208-96-8	
Anthracene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	120-12-7	
Benzo(a)anthracene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	56-55-3	
Benzo(a)pyrene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	207-08-9	
Benzoic Acid	ND	ug/kg	2360	1	05/02/14 15:20	05/05/14 20:58	65-85-0	
Benzyl alcohol	ND	ug/kg	944	1	05/02/14 15:20	05/05/14 20:58	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	101-55-3	
Butylbenzylphthalate	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	944	1	05/02/14 15:20	05/05/14 20:58	59-50-7	
4-Chloroaniline	ND	ug/kg	2360	1	05/02/14 15:20	05/05/14 20:58	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	108-60-1	
2-Chloronaphthalene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	91-58-7	
2-Chlorophenol	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	7005-72-3	
Chrysene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	53-70-3	
Dibenzofuran	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2360	1	05/02/14 15:20	05/05/14 20:58	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	120-83-2	
Diethylphthalate	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	105-67-9	
Dimethylphthalate	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	131-11-3	
Di-n-butylphthalate	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	944	1	05/02/14 15:20	05/05/14 20:58	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2360	1	05/02/14 15:20	05/05/14 20:58	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	606-20-2	
Di-n-octylphthalate	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	117-81-7	
Fluoranthene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	206-44-0	
Fluorene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	87-68-3	
Hexachlorobenzene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	77-47-4	
Hexachloroethane	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	193-39-5	
Isophorone	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	78-59-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-2 **Lab ID: 92199670001** Collected: 05/01/14 13:35 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
1-Methylnaphthalene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	90-12-0	
2-Methylnaphthalene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58		
Naphthalene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	91-20-3	
2-Nitroaniline	ND	ug/kg	2360	1	05/02/14 15:20	05/05/14 20:58	88-74-4	
3-Nitroaniline	ND	ug/kg	2360	1	05/02/14 15:20	05/05/14 20:58	99-09-2	
4-Nitroaniline	ND	ug/kg	944	1	05/02/14 15:20	05/05/14 20:58	100-01-6	
Nitrobenzene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	98-95-3	
2-Nitrophenol	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	88-75-5	
4-Nitrophenol	ND	ug/kg	2360	1	05/02/14 15:20	05/05/14 20:58	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	86-30-6	
Pentachlorophenol	ND	ug/kg	2360	1	05/02/14 15:20	05/05/14 20:58	87-86-5	
Phenanthrene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	85-01-8	
Phenol	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	108-95-2	
Pyrene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	472	1	05/02/14 15:20	05/05/14 20:58	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	60	%	23-110	1	05/02/14 15:20	05/05/14 20:58	4165-60-0	
2-Fluorobiphenyl (S)	64	%	30-110	1	05/02/14 15:20	05/05/14 20:58	321-60-8	
Terphenyl-d14 (S)	64	%	28-110	1	05/02/14 15:20	05/05/14 20:58	1718-51-0	
Phenol-d6 (S)	44	%	22-110	1	05/02/14 15:20	05/05/14 20:58	13127-88-3	
2-Fluorophenol (S)	48	%	13-110	1	05/02/14 15:20	05/05/14 20:58	367-12-4	
2,4,6-Tribromophenol (S)	58	%	27-110	1	05/02/14 15:20	05/05/14 20:58	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	116	1		05/06/14 03:29	67-64-1	
Benzene	ND	ug/kg	5.8	1		05/06/14 03:29	71-43-2	
Bromobenzene	ND	ug/kg	5.8	1		05/06/14 03:29	108-86-1	
Bromochloromethane	ND	ug/kg	5.8	1		05/06/14 03:29	74-97-5	
Bromodichloromethane	ND	ug/kg	5.8	1		05/06/14 03:29	75-27-4	
Bromoform	ND	ug/kg	5.8	1		05/06/14 03:29	75-25-2	
Bromomethane	ND	ug/kg	11.6	1		05/06/14 03:29	74-83-9	
2-Butanone (MEK)	ND	ug/kg	116	1		05/06/14 03:29	78-93-3	
n-Butylbenzene	ND	ug/kg	5.8	1		05/06/14 03:29	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.8	1		05/06/14 03:29	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.8	1		05/06/14 03:29	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.8	1		05/06/14 03:29	56-23-5	
Chlorobenzene	ND	ug/kg	5.8	1		05/06/14 03:29	108-90-7	
Chloroethane	ND	ug/kg	11.6	1		05/06/14 03:29	75-00-3	
Chloroform	ND	ug/kg	5.8	1		05/06/14 03:29	67-66-3	
Chloromethane	ND	ug/kg	11.6	1		05/06/14 03:29	74-87-3	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-2 **Lab ID: 92199670001** Collected: 05/01/14 13:35 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
2-Chlorotoluene	ND	ug/kg	5.8	1		05/06/14 03:29	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.8	1		05/06/14 03:29	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	1		05/06/14 03:29	96-12-8	
Dibromochloromethane	ND	ug/kg	5.8	1		05/06/14 03:29	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	1		05/06/14 03:29	106-93-4	
Dibromomethane	ND	ug/kg	5.8	1		05/06/14 03:29	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.8	1		05/06/14 03:29	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.8	1		05/06/14 03:29	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.8	1		05/06/14 03:29	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.6	1		05/06/14 03:29	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.8	1		05/06/14 03:29	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.8	1		05/06/14 03:29	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.8	1		05/06/14 03:29	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.8	1		05/06/14 03:29	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.8	1		05/06/14 03:29	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.8	1		05/06/14 03:29	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.8	1		05/06/14 03:29	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.8	1		05/06/14 03:29	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.8	1		05/06/14 03:29	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.8	1		05/06/14 03:29	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.8	1		05/06/14 03:29	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.8	1		05/06/14 03:29	108-20-3	
Ethylbenzene	ND	ug/kg	5.8	1		05/06/14 03:29	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.8	1		05/06/14 03:29	87-68-3	
2-Hexanone	ND	ug/kg	58.0	1		05/06/14 03:29	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	1		05/06/14 03:29	98-82-8	
p-Isopropyltoluene	ND	ug/kg	5.8	1		05/06/14 03:29	99-87-6	
Methylene Chloride	ND	ug/kg	23.2	1		05/06/14 03:29	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	58.0	1		05/06/14 03:29	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.8	1		05/06/14 03:29	1634-04-4	
Naphthalene	ND	ug/kg	5.8	1		05/06/14 03:29	91-20-3	
n-Propylbenzene	ND	ug/kg	5.8	1		05/06/14 03:29	103-65-1	
Styrene	ND	ug/kg	5.8	1		05/06/14 03:29	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	1		05/06/14 03:29	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	1		05/06/14 03:29	79-34-5	
Tetrachloroethene	ND	ug/kg	5.8	1		05/06/14 03:29	127-18-4	
Toluene	ND	ug/kg	5.8	1		05/06/14 03:29	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	1		05/06/14 03:29	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	1		05/06/14 03:29	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.8	1		05/06/14 03:29	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.8	1		05/06/14 03:29	79-00-5	
Trichloroethene	ND	ug/kg	5.8	1		05/06/14 03:29	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.8	1		05/06/14 03:29	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.8	1		05/06/14 03:29	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	1		05/06/14 03:29	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	1		05/06/14 03:29	108-67-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-2 **Lab ID: 92199670001** Collected: 05/01/14 13:35 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Vinyl acetate	ND	ug/kg	58.0	1		05/06/14 03:29	108-05-4	
Vinyl chloride	ND	ug/kg	11.6	1		05/06/14 03:29	75-01-4	
m&p-Xylene	ND	ug/kg	11.6	1		05/06/14 03:29	179601-23-1	
o-Xylene	ND	ug/kg	5.8	1		05/06/14 03:29	95-47-6	
Surrogates								
Toluene-d8 (S)	98	%	70-130	1		05/06/14 03:29	2037-26-5	
4-Bromofluorobenzene (S)	101	%	70-130	1		05/06/14 03:29	460-00-4	
1,2-Dichloroethane-d4 (S)	123	%	70-132	1		05/06/14 03:29	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**30.1**	%	0.10	1		05/05/14 16:45		

Sample: SB-7 **Lab ID: 92199670002** Collected: 05/01/14 14:10 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	83-32-9	
Acenaphthylene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	208-96-8	
Anthracene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	120-12-7	
Benzo(a)anthracene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	207-08-9	
Benzoic Acid	ND	ug/kg	2290	1	05/02/14 15:20	05/05/14 21:27	65-85-0	
Benzyl alcohol	ND	ug/kg	918	1	05/02/14 15:20	05/05/14 21:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	101-55-3	
Butylbenzylphthalate	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	918	1	05/02/14 15:20	05/05/14 21:27	59-50-7	
4-Chloroaniline	ND	ug/kg	2290	1	05/02/14 15:20	05/05/14 21:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	108-60-1	
2-Chloronaphthalene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	91-58-7	
2-Chlorophenol	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	7005-72-3	
Chrysene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	53-70-3	
Dibenzofuran	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2290	1	05/02/14 15:20	05/05/14 21:27	91-94-1	

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-7 **Lab ID: 92199670002** Collected: 05/01/14 14:10 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dichlorophenol	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	120-83-2	
Diethylphthalate	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	105-67-9	
Dimethylphthalate	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	131-11-3	
Di-n-butylphthalate	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	918	1	05/02/14 15:20	05/05/14 21:27	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2290	1	05/02/14 15:20	05/05/14 21:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	606-20-2	
Di-n-octylphthalate	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	117-81-7	
Fluoranthene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	206-44-0	
Fluorene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	87-68-3	
Hexachlorobenzene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	77-47-4	
Hexachloroethane	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	193-39-5	
Isophorone	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	78-59-1	
1-Methylnaphthalene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	90-12-0	
2-Methylnaphthalene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27		
Naphthalene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	91-20-3	
2-Nitroaniline	ND	ug/kg	2290	1	05/02/14 15:20	05/05/14 21:27	88-74-4	
3-Nitroaniline	ND	ug/kg	2290	1	05/02/14 15:20	05/05/14 21:27	99-09-2	
4-Nitroaniline	ND	ug/kg	918	1	05/02/14 15:20	05/05/14 21:27	100-01-6	
Nitrobenzene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	98-95-3	
2-Nitrophenol	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	88-75-5	
4-Nitrophenol	ND	ug/kg	2290	1	05/02/14 15:20	05/05/14 21:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	86-30-6	
Pentachlorophenol	ND	ug/kg	2290	1	05/02/14 15:20	05/05/14 21:27	87-86-5	
Phenanthrene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	85-01-8	
Phenol	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	108-95-2	
Pyrene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	459	1	05/02/14 15:20	05/05/14 21:27	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	62	%	23-110	1	05/02/14 15:20	05/05/14 21:27	4165-60-0	
2-Fluorobiphenyl (S)	62	%	30-110	1	05/02/14 15:20	05/05/14 21:27	321-60-8	
Terphenyl-d14 (S)	56	%	28-110	1	05/02/14 15:20	05/05/14 21:27	1718-51-0	
Phenol-d6 (S)	55	%	22-110	1	05/02/14 15:20	05/05/14 21:27	13127-88-3	
2-Fluorophenol (S)	58	%	13-110	1	05/02/14 15:20	05/05/14 21:27	367-12-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-7 **Lab ID: 92199670002** Collected: 05/01/14 14:10 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Surrogates								
2,4,6-Tribromophenol (S)	62	%	27-110	1	05/02/14 15:20	05/05/14 21:27	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	110	1		05/06/14 03:48	67-64-1	
Benzene	ND	ug/kg	5.5	1		05/06/14 03:48	71-43-2	
Bromobenzene	ND	ug/kg	5.5	1		05/06/14 03:48	108-86-1	
Bromochloromethane	ND	ug/kg	5.5	1		05/06/14 03:48	74-97-5	
Bromodichloromethane	ND	ug/kg	5.5	1		05/06/14 03:48	75-27-4	
Bromoform	ND	ug/kg	5.5	1		05/06/14 03:48	75-25-2	
Bromomethane	ND	ug/kg	11.0	1		05/06/14 03:48	74-83-9	
2-Butanone (MEK)	ND	ug/kg	110	1		05/06/14 03:48	78-93-3	
n-Butylbenzene	ND	ug/kg	5.5	1		05/06/14 03:48	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.5	1		05/06/14 03:48	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.5	1		05/06/14 03:48	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.5	1		05/06/14 03:48	56-23-5	
Chlorobenzene	ND	ug/kg	5.5	1		05/06/14 03:48	108-90-7	
Chloroethane	ND	ug/kg	11.0	1		05/06/14 03:48	75-00-3	
Chloroform	ND	ug/kg	5.5	1		05/06/14 03:48	67-66-3	
Chloromethane	ND	ug/kg	11.0	1		05/06/14 03:48	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.5	1		05/06/14 03:48	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.5	1		05/06/14 03:48	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.5	1		05/06/14 03:48	96-12-8	
Dibromochloromethane	ND	ug/kg	5.5	1		05/06/14 03:48	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.5	1		05/06/14 03:48	106-93-4	
Dibromomethane	ND	ug/kg	5.5	1		05/06/14 03:48	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.5	1		05/06/14 03:48	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.5	1		05/06/14 03:48	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.5	1		05/06/14 03:48	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.0	1		05/06/14 03:48	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.5	1		05/06/14 03:48	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.5	1		05/06/14 03:48	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.5	1		05/06/14 03:48	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.5	1		05/06/14 03:48	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.5	1		05/06/14 03:48	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.5	1		05/06/14 03:48	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.5	1		05/06/14 03:48	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.5	1		05/06/14 03:48	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.5	1		05/06/14 03:48	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.5	1		05/06/14 03:48	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.5	1		05/06/14 03:48	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.5	1		05/06/14 03:48	108-20-3	
Ethylbenzene	ND	ug/kg	5.5	1		05/06/14 03:48	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.5	1		05/06/14 03:48	87-68-3	
2-Hexanone	ND	ug/kg	55.1	1		05/06/14 03:48	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.5	1		05/06/14 03:48	98-82-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-7 **Lab ID: 92199670002** Collected: 05/01/14 14:10 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
p-Isopropyltoluene	ND	ug/kg	5.5	1		05/06/14 03:48	99-87-6	
Methylene Chloride	ND	ug/kg	22.0	1		05/06/14 03:48	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	55.1	1		05/06/14 03:48	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.5	1		05/06/14 03:48	1634-04-4	
Naphthalene	ND	ug/kg	5.5	1		05/06/14 03:48	91-20-3	
n-Propylbenzene	ND	ug/kg	5.5	1		05/06/14 03:48	103-65-1	
Styrene	ND	ug/kg	5.5	1		05/06/14 03:48	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.5	1		05/06/14 03:48	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.5	1		05/06/14 03:48	79-34-5	
Tetrachloroethene	ND	ug/kg	5.5	1		05/06/14 03:48	127-18-4	
Toluene	ND	ug/kg	5.5	1		05/06/14 03:48	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.5	1		05/06/14 03:48	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.5	1		05/06/14 03:48	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.5	1		05/06/14 03:48	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.5	1		05/06/14 03:48	79-00-5	
Trichloroethene	ND	ug/kg	5.5	1		05/06/14 03:48	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.5	1		05/06/14 03:48	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.5	1		05/06/14 03:48	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.5	1		05/06/14 03:48	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.5	1		05/06/14 03:48	108-67-8	
Vinyl acetate	ND	ug/kg	55.1	1		05/06/14 03:48	108-05-4	
Vinyl chloride	ND	ug/kg	11.0	1		05/06/14 03:48	75-01-4	
m&p-Xylene	ND	ug/kg	11.0	1		05/06/14 03:48	179601-23-1	
o-Xylene	ND	ug/kg	5.5	1		05/06/14 03:48	95-47-6	
Surrogates								
Toluene-d8 (S)	102	%	70-130	1		05/06/14 03:48	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	1		05/06/14 03:48	460-00-4	
1,2-Dichloroethane-d4 (S)	130	%	70-132	1		05/06/14 03:48	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**28.1**	%	0.10	1		05/05/14 16:45		

Sample: SB-6 **Lab ID: 92199670003** Collected: 05/01/14 14:30 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	83-32-9	
Acenaphthylene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	208-96-8	
Anthracene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	120-12-7	
Benzo(a)anthracene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	56-55-3	
Benzo(a)pyrene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	191-24-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-6 **Lab ID: 92199670003** Collected: 05/01/14 14:30 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Benzo(k)fluoranthene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	207-08-9	
Benzoic Acid	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 21:56	65-85-0	
Benzyl alcohol	ND	ug/kg	909	1	05/02/14 15:20	05/05/14 21:56	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	101-55-3	
Butylbenzylphthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	909	1	05/02/14 15:20	05/05/14 21:56	59-50-7	
4-Chloroaniline	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 21:56	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	108-60-1	
2-Chloronaphthalene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	91-58-7	
2-Chlorophenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	7005-72-3	
Chrysene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	53-70-3	
Dibenzofuran	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 21:56	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	120-83-2	
Diethylphthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	105-67-9	
Dimethylphthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	131-11-3	
Di-n-butylphthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	909	1	05/02/14 15:20	05/05/14 21:56	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 21:56	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	606-20-2	
Di-n-octylphthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	117-81-7	
Fluoranthene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	206-44-0	
Fluorene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	87-68-3	
Hexachlorobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	77-47-4	
Hexachloroethane	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	193-39-5	
Isophorone	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	78-59-1	
1-Methylnaphthalene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	90-12-0	
2-Methylnaphthalene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56		
Naphthalene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	91-20-3	
2-Nitroaniline	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 21:56	88-74-4	
3-Nitroaniline	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 21:56	99-09-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-6 **Lab ID: 92199670003** Collected: 05/01/14 14:30 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
4-Nitroaniline	ND	ug/kg	909	1	05/02/14 15:20	05/05/14 21:56	100-01-6	
Nitrobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	98-95-3	
2-Nitrophenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	88-75-5	
4-Nitrophenol	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 21:56	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	86-30-6	
Pentachlorophenol	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 21:56	87-86-5	
Phenanthrene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	85-01-8	
Phenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	108-95-2	
Pyrene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 21:56	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	66	%	23-110	1	05/02/14 15:20	05/05/14 21:56	4165-60-0	
2-Fluorobiphenyl (S)	66	%	30-110	1	05/02/14 15:20	05/05/14 21:56	321-60-8	
Terphenyl-d14 (S)	57	%	28-110	1	05/02/14 15:20	05/05/14 21:56	1718-51-0	
Phenol-d6 (S)	56	%	22-110	1	05/02/14 15:20	05/05/14 21:56	13127-88-3	
2-Fluorophenol (S)	59	%	13-110	1	05/02/14 15:20	05/05/14 21:56	367-12-4	
2,4,6-Tribromophenol (S)	67	%	27-110	1	05/02/14 15:20	05/05/14 21:56	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	134	1		05/06/14 04:08	67-64-1	
Benzene	ND	ug/kg	6.7	1		05/06/14 04:08	71-43-2	
Bromobenzene	ND	ug/kg	6.7	1		05/06/14 04:08	108-86-1	
Bromochloromethane	ND	ug/kg	6.7	1		05/06/14 04:08	74-97-5	
Bromodichloromethane	ND	ug/kg	6.7	1		05/06/14 04:08	75-27-4	
Bromoform	ND	ug/kg	6.7	1		05/06/14 04:08	75-25-2	
Bromomethane	ND	ug/kg	13.4	1		05/06/14 04:08	74-83-9	
2-Butanone (MEK)	ND	ug/kg	134	1		05/06/14 04:08	78-93-3	
n-Butylbenzene	ND	ug/kg	6.7	1		05/06/14 04:08	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.7	1		05/06/14 04:08	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.7	1		05/06/14 04:08	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.7	1		05/06/14 04:08	56-23-5	
Chlorobenzene	ND	ug/kg	6.7	1		05/06/14 04:08	108-90-7	
Chloroethane	ND	ug/kg	13.4	1		05/06/14 04:08	75-00-3	
Chloroform	ND	ug/kg	6.7	1		05/06/14 04:08	67-66-3	
Chloromethane	ND	ug/kg	13.4	1		05/06/14 04:08	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.7	1		05/06/14 04:08	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.7	1		05/06/14 04:08	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.7	1		05/06/14 04:08	96-12-8	
Dibromochloromethane	ND	ug/kg	6.7	1		05/06/14 04:08	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.7	1		05/06/14 04:08	106-93-4	
Dibromomethane	ND	ug/kg	6.7	1		05/06/14 04:08	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.7	1		05/06/14 04:08	95-50-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-6 **Lab ID: 92199670003** Collected: 05/01/14 14:30 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
1,3-Dichlorobenzene	ND	ug/kg	6.7	1		05/06/14 04:08	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.7	1		05/06/14 04:08	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.4	1		05/06/14 04:08	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.7	1		05/06/14 04:08	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.7	1		05/06/14 04:08	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.7	1		05/06/14 04:08	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.7	1		05/06/14 04:08	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.7	1		05/06/14 04:08	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.7	1		05/06/14 04:08	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.7	1		05/06/14 04:08	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.7	1		05/06/14 04:08	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.7	1		05/06/14 04:08	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.7	1		05/06/14 04:08	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.7	1		05/06/14 04:08	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.7	1		05/06/14 04:08	108-20-3	
Ethylbenzene	ND	ug/kg	6.7	1		05/06/14 04:08	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.7	1		05/06/14 04:08	87-68-3	
2-Hexanone	ND	ug/kg	66.9	1		05/06/14 04:08	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.7	1		05/06/14 04:08	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.7	1		05/06/14 04:08	99-87-6	
Methylene Chloride	ND	ug/kg	26.7	1		05/06/14 04:08	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	66.9	1		05/06/14 04:08	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.7	1		05/06/14 04:08	1634-04-4	
Naphthalene	ND	ug/kg	6.7	1		05/06/14 04:08	91-20-3	
n-Propylbenzene	ND	ug/kg	6.7	1		05/06/14 04:08	103-65-1	
Styrene	ND	ug/kg	6.7	1		05/06/14 04:08	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.7	1		05/06/14 04:08	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.7	1		05/06/14 04:08	79-34-5	
Tetrachloroethene	ND	ug/kg	6.7	1		05/06/14 04:08	127-18-4	
Toluene	ND	ug/kg	6.7	1		05/06/14 04:08	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.7	1		05/06/14 04:08	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.7	1		05/06/14 04:08	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.7	1		05/06/14 04:08	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.7	1		05/06/14 04:08	79-00-5	
Trichloroethene	ND	ug/kg	6.7	1		05/06/14 04:08	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.7	1		05/06/14 04:08	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.7	1		05/06/14 04:08	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.7	1		05/06/14 04:08	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.7	1		05/06/14 04:08	108-67-8	
Vinyl acetate	ND	ug/kg	66.9	1		05/06/14 04:08	108-05-4	
Vinyl chloride	ND	ug/kg	13.4	1		05/06/14 04:08	75-01-4	
m&p-Xylene	ND	ug/kg	13.4	1		05/06/14 04:08	179601-23-1	
o-Xylene	ND	ug/kg	6.7	1		05/06/14 04:08	95-47-6	
Surrogates								
Toluene-d8 (S)	103	%	70-130	1		05/06/14 04:08	2037-26-5	
4-Bromofluorobenzene (S)	108	%	70-130	1		05/06/14 04:08	460-00-4	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-6 **Lab ID: 92199670003** Collected: 05/01/14 14:30 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Surrogates								
1,2-Dichloroethane-d4 (S)	131	%	70-132	1		05/06/14 04:08	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**27.4**	%	0.10	1		05/05/14 16:45		

Sample: SB-5 **Lab ID: 92199670004** Collected: 05/01/14 14:45 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	83-32-9	
Acenaphthylene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	208-96-8	
Anthracene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	120-12-7	
Benzo(a)anthracene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	56-55-3	
Benzo(a)pyrene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	207-08-9	
Benzoic Acid	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 22:24	65-85-0	
Benzyl alcohol	ND	ug/kg	907	1	05/02/14 15:20	05/05/14 22:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	101-55-3	
Butylbenzylphthalate	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	907	1	05/02/14 15:20	05/05/14 22:24	59-50-7	
4-Chloroaniline	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 22:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	108-60-1	
2-Chloronaphthalene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	91-58-7	
2-Chlorophenol	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	7005-72-3	
Chrysene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	53-70-3	
Dibenzofuran	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 22:24	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	120-83-2	
Diethylphthalate	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	105-67-9	
Dimethylphthalate	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	131-11-3	
Di-n-butylphthalate	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	907	1	05/02/14 15:20	05/05/14 22:24	534-52-1	

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-5 **Lab ID: 92199670004** Collected: 05/01/14 14:45 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
2,4-Dinitrophenol	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 22:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	606-20-2	
Di-n-octylphthalate	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	117-81-7	
Fluoranthene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	206-44-0	
Fluorene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	87-68-3	
Hexachlorobenzene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	77-47-4	
Hexachloroethane	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	193-39-5	
Isophorone	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	78-59-1	
1-Methylnaphthalene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	90-12-0	
2-Methylnaphthalene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24		
Naphthalene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	91-20-3	
2-Nitroaniline	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 22:24	88-74-4	
3-Nitroaniline	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 22:24	99-09-2	
4-Nitroaniline	ND	ug/kg	907	1	05/02/14 15:20	05/05/14 22:24	100-01-6	
Nitrobenzene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	98-95-3	
2-Nitrophenol	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	88-75-5	
4-Nitrophenol	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 22:24	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	86-30-6	
Pentachlorophenol	ND	ug/kg	2270	1	05/02/14 15:20	05/05/14 22:24	87-86-5	
Phenanthrene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	85-01-8	
Phenol	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	108-95-2	
Pyrene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	454	1	05/02/14 15:20	05/05/14 22:24	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	55	%	23-110	1	05/02/14 15:20	05/05/14 22:24	4165-60-0	
2-Fluorobiphenyl (S)	61	%	30-110	1	05/02/14 15:20	05/05/14 22:24	321-60-8	
Terphenyl-d14 (S)	62	%	28-110	1	05/02/14 15:20	05/05/14 22:24	1718-51-0	
Phenol-d6 (S)	44	%	22-110	1	05/02/14 15:20	05/05/14 22:24	13127-88-3	
2-Fluorophenol (S)	51	%	13-110	1	05/02/14 15:20	05/05/14 22:24	367-12-4	
2,4,6-Tribromophenol (S)	51	%	27-110	1	05/02/14 15:20	05/05/14 22:24	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	132	1		05/06/14 21:03	67-64-1	
Benzene	ND	ug/kg	6.6	1		05/06/14 21:03	71-43-2	
Bromobenzene	ND	ug/kg	6.6	1		05/06/14 21:03	108-86-1	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-5 **Lab ID: 92199670004** Collected: 05/01/14 14:45 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Bromochloromethane	ND	ug/kg	6.6	1		05/06/14 21:03	74-97-5	
Bromodichloromethane	ND	ug/kg	6.6	1		05/06/14 21:03	75-27-4	
Bromoform	ND	ug/kg	6.6	1		05/06/14 21:03	75-25-2	
Bromomethane	ND	ug/kg	13.2	1		05/06/14 21:03	74-83-9	
2-Butanone (MEK)	ND	ug/kg	132	1		05/06/14 21:03	78-93-3	
n-Butylbenzene	ND	ug/kg	6.6	1		05/06/14 21:03	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.6	1		05/06/14 21:03	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.6	1		05/06/14 21:03	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.6	1		05/06/14 21:03	56-23-5	
Chlorobenzene	ND	ug/kg	6.6	1		05/06/14 21:03	108-90-7	
Chloroethane	ND	ug/kg	13.2	1		05/06/14 21:03	75-00-3	
Chloroform	ND	ug/kg	6.6	1		05/06/14 21:03	67-66-3	
Chloromethane	ND	ug/kg	13.2	1		05/06/14 21:03	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.6	1		05/06/14 21:03	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.6	1		05/06/14 21:03	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.6	1		05/06/14 21:03	96-12-8	
Dibromochloromethane	ND	ug/kg	6.6	1		05/06/14 21:03	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.6	1		05/06/14 21:03	106-93-4	
Dibromomethane	ND	ug/kg	6.6	1		05/06/14 21:03	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.6	1		05/06/14 21:03	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.6	1		05/06/14 21:03	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.6	1		05/06/14 21:03	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	13.2	1		05/06/14 21:03	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.6	1		05/06/14 21:03	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.6	1		05/06/14 21:03	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.6	1		05/06/14 21:03	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.6	1		05/06/14 21:03	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.6	1		05/06/14 21:03	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.6	1		05/06/14 21:03	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.6	1		05/06/14 21:03	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.6	1		05/06/14 21:03	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.6	1		05/06/14 21:03	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.6	1		05/06/14 21:03	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.6	1		05/06/14 21:03	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.6	1		05/06/14 21:03	108-20-3	
Ethylbenzene	ND	ug/kg	6.6	1		05/06/14 21:03	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.6	1		05/06/14 21:03	87-68-3	
2-Hexanone	ND	ug/kg	66.0	1		05/06/14 21:03	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.6	1		05/06/14 21:03	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.6	1		05/06/14 21:03	99-87-6	
Methylene Chloride	ND	ug/kg	26.4	1		05/06/14 21:03	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	66.0	1		05/06/14 21:03	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.6	1		05/06/14 21:03	1634-04-4	
Naphthalene	ND	ug/kg	6.6	1		05/06/14 21:03	91-20-3	
n-Propylbenzene	ND	ug/kg	6.6	1		05/06/14 21:03	103-65-1	
Styrene	ND	ug/kg	6.6	1		05/06/14 21:03	100-42-5	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-5 **Lab ID: 92199670004** Collected: 05/01/14 14:45 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.6	1		05/06/14 21:03	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.6	1		05/06/14 21:03	79-34-5	
Tetrachloroethene	ND	ug/kg	6.6	1		05/06/14 21:03	127-18-4	
Toluene	ND	ug/kg	6.6	1		05/06/14 21:03	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.6	1		05/06/14 21:03	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.6	1		05/06/14 21:03	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.6	1		05/06/14 21:03	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.6	1		05/06/14 21:03	79-00-5	
Trichloroethene	ND	ug/kg	6.6	1		05/06/14 21:03	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.6	1		05/06/14 21:03	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.6	1		05/06/14 21:03	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.6	1		05/06/14 21:03	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.6	1		05/06/14 21:03	108-67-8	
Vinyl acetate	ND	ug/kg	66.0	1		05/06/14 21:03	108-05-4	
Vinyl chloride	ND	ug/kg	13.2	1		05/06/14 21:03	75-01-4	
m&p-Xylene	ND	ug/kg	13.2	1		05/06/14 21:03	179601-23-1	
o-Xylene	ND	ug/kg	6.6	1		05/06/14 21:03	95-47-6	
Surrogates								
Toluene-d8 (S)	104	%	70-130	1		05/06/14 21:03	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130	1		05/06/14 21:03	460-00-4	
1,2-Dichloroethane-d4 (S)	132	%	70-132	1		05/06/14 21:03	17060-07-0	S3
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**27.2**	%	0.10	1		05/05/14 16:45		

Sample: SB-4 **Lab ID: 92199670005** Collected: 05/01/14 15:00 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	83-32-9	
Acenaphthylene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	208-96-8	
Anthracene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	120-12-7	
Benzo(a)anthracene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	56-55-3	
Benzo(a)pyrene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	207-08-9	
Benzoic Acid	ND	ug/kg	2280	1	05/02/14 15:20	05/05/14 22:53	65-85-0	
Benzyl alcohol	ND	ug/kg	911	1	05/02/14 15:20	05/05/14 22:53	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	101-55-3	
Butylbenzylphthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	911	1	05/02/14 15:20	05/05/14 22:53	59-50-7	
4-Chloroaniline	ND	ug/kg	2280	1	05/02/14 15:20	05/05/14 22:53	106-47-8	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-4 **Lab ID: 92199670005** Collected: 05/01/14 15:00 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
bis(2-Chloroethoxy)methane	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	108-60-1	
2-Chloronaphthalene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	91-58-7	
2-Chlorophenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	7005-72-3	
Chrysene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	53-70-3	
Dibenzofuran	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2280	1	05/02/14 15:20	05/05/14 22:53	91-94-1	
2,4-Dichlorophenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	120-83-2	
Diethylphthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	105-67-9	
Dimethylphthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	131-11-3	
Di-n-butylphthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	911	1	05/02/14 15:20	05/05/14 22:53	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2280	1	05/02/14 15:20	05/05/14 22:53	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	606-20-2	
Di-n-octylphthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	117-81-7	
Fluoranthene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	206-44-0	
Fluorene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	87-68-3	
Hexachlorobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	77-47-4	
Hexachloroethane	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	193-39-5	
Isophorone	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	78-59-1	
1-Methylnaphthalene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	90-12-0	
2-Methylnaphthalene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53		
Naphthalene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	91-20-3	
2-Nitroaniline	ND	ug/kg	2280	1	05/02/14 15:20	05/05/14 22:53	88-74-4	
3-Nitroaniline	ND	ug/kg	2280	1	05/02/14 15:20	05/05/14 22:53	99-09-2	
4-Nitroaniline	ND	ug/kg	911	1	05/02/14 15:20	05/05/14 22:53	100-01-6	
Nitrobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	98-95-3	
2-Nitrophenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	88-75-5	
4-Nitrophenol	ND	ug/kg	2280	1	05/02/14 15:20	05/05/14 22:53	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	86-30-6	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-4 **Lab ID: 92199670005** Collected: 05/01/14 15:00 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Pentachlorophenol	ND	ug/kg	2280	1	05/02/14 15:20	05/05/14 22:53	87-86-5	
Phenanthrene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	85-01-8	
Phenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	108-95-2	
Pyrene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	455	1	05/02/14 15:20	05/05/14 22:53	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	65	%	23-110	1	05/02/14 15:20	05/05/14 22:53	4165-60-0	
2-Fluorobiphenyl (S)	66	%	30-110	1	05/02/14 15:20	05/05/14 22:53	321-60-8	
Terphenyl-d14 (S)	78	%	28-110	1	05/02/14 15:20	05/05/14 22:53	1718-51-0	
Phenol-d6 (S)	51	%	22-110	1	05/02/14 15:20	05/05/14 22:53	13127-88-3	
2-Fluorophenol (S)	56	%	13-110	1	05/02/14 15:20	05/05/14 22:53	367-12-4	
2,4,6-Tribromophenol (S)	67	%	27-110	1	05/02/14 15:20	05/05/14 22:53	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	119	1		05/06/14 21:23	67-64-1	
Benzene	ND	ug/kg	6.0	1		05/06/14 21:23	71-43-2	
Bromobenzene	ND	ug/kg	6.0	1		05/06/14 21:23	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1		05/06/14 21:23	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	1		05/06/14 21:23	75-27-4	
Bromoform	ND	ug/kg	6.0	1		05/06/14 21:23	75-25-2	
Bromomethane	ND	ug/kg	11.9	1		05/06/14 21:23	74-83-9	
2-Butanone (MEK)	ND	ug/kg	119	1		05/06/14 21:23	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	1		05/06/14 21:23	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1		05/06/14 21:23	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	1		05/06/14 21:23	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.0	1		05/06/14 21:23	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1		05/06/14 21:23	108-90-7	
Chloroethane	ND	ug/kg	11.9	1		05/06/14 21:23	75-00-3	
Chloroform	ND	ug/kg	6.0	1		05/06/14 21:23	67-66-3	
Chloromethane	ND	ug/kg	11.9	1		05/06/14 21:23	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	1		05/06/14 21:23	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1		05/06/14 21:23	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	1		05/06/14 21:23	96-12-8	
Dibromochloromethane	ND	ug/kg	6.0	1		05/06/14 21:23	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1		05/06/14 21:23	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1		05/06/14 21:23	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	1		05/06/14 21:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1		05/06/14 21:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1		05/06/14 21:23	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.9	1		05/06/14 21:23	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1		05/06/14 21:23	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	1		05/06/14 21:23	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	1		05/06/14 21:23	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1		05/06/14 21:23	156-59-2	

REPORT OF LABORATORY ANALYSIS

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

ANALYTICAL RESULTS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Sample: SB-4 **Lab ID: 92199670005** Collected: 05/01/14 15:00 Received: 05/02/14 12:45 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1		05/06/14 21:23	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1		05/06/14 21:23	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1		05/06/14 21:23	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	1		05/06/14 21:23	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1		05/06/14 21:23	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1		05/06/14 21:23	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1		05/06/14 21:23	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.0	1		05/06/14 21:23	108-20-3	
Ethylbenzene	ND	ug/kg	6.0	1		05/06/14 21:23	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	1		05/06/14 21:23	87-68-3	
2-Hexanone	ND	ug/kg	59.7	1		05/06/14 21:23	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		05/06/14 21:23	98-82-8	
p-Isopropyltoluene	ND	ug/kg	6.0	1		05/06/14 21:23	99-87-6	
Methylene Chloride	ND	ug/kg	23.9	1		05/06/14 21:23	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	59.7	1		05/06/14 21:23	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		05/06/14 21:23	1634-04-4	
Naphthalene	ND	ug/kg	6.0	1		05/06/14 21:23	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	1		05/06/14 21:23	103-65-1	
Styrene	ND	ug/kg	6.0	1		05/06/14 21:23	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	1		05/06/14 21:23	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1		05/06/14 21:23	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1		05/06/14 21:23	127-18-4	
Toluene	ND	ug/kg	6.0	1		05/06/14 21:23	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	1		05/06/14 21:23	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1		05/06/14 21:23	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	1		05/06/14 21:23	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	1		05/06/14 21:23	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1		05/06/14 21:23	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	1		05/06/14 21:23	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1		05/06/14 21:23	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1		05/06/14 21:23	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1		05/06/14 21:23	108-67-8	
Vinyl acetate	ND	ug/kg	59.7	1		05/06/14 21:23	108-05-4	
Vinyl chloride	ND	ug/kg	11.9	1		05/06/14 21:23	75-01-4	
m&p-Xylene	ND	ug/kg	11.9	1		05/06/14 21:23	179601-23-1	
o-Xylene	ND	ug/kg	6.0	1		05/06/14 21:23	95-47-6	
Surrogates								
Toluene-d8 (S)	100	%	70-130	1		05/06/14 21:23	2037-26-5	
4-Bromofluorobenzene (S)	107	%	70-130	1		05/06/14 21:23	460-00-4	
1,2-Dichloroethane-d4 (S)	131	%	70-132	1		05/06/14 21:23	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**27.5**	%	0.10	1		05/05/14 16:45		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

QC Batch: MSV/26691 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92199670001, 92199670002, 92199670003

METHOD BLANK: 1191300 Matrix: Solid
Associated Lab Samples: 92199670001, 92199670002, 92199670003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	4.0	05/05/14 20:32	
1,1,1-Trichloroethane	ug/kg	ND	4.0	05/05/14 20:32	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4.0	05/05/14 20:32	
1,1,2-Trichloroethane	ug/kg	ND	4.0	05/05/14 20:32	
1,1-Dichloroethane	ug/kg	ND	4.0	05/05/14 20:32	
1,1-Dichloroethene	ug/kg	ND	4.0	05/05/14 20:32	
1,1-Dichloropropene	ug/kg	ND	4.0	05/05/14 20:32	
1,2,3-Trichlorobenzene	ug/kg	ND	4.0	05/05/14 20:32	
1,2,3-Trichloropropane	ug/kg	ND	4.0	05/05/14 20:32	
1,2,4-Trichlorobenzene	ug/kg	ND	4.0	05/05/14 20:32	
1,2,4-Trimethylbenzene	ug/kg	ND	4.0	05/05/14 20:32	
1,2-Dibromo-3-chloropropane	ug/kg	ND	4.0	05/05/14 20:32	
1,2-Dibromoethane (EDB)	ug/kg	ND	4.0	05/05/14 20:32	
1,2-Dichlorobenzene	ug/kg	ND	4.0	05/05/14 20:32	
1,2-Dichloroethane	ug/kg	ND	4.0	05/05/14 20:32	
1,2-Dichloropropane	ug/kg	ND	4.0	05/05/14 20:32	
1,3,5-Trimethylbenzene	ug/kg	ND	4.0	05/05/14 20:32	
1,3-Dichlorobenzene	ug/kg	ND	4.0	05/05/14 20:32	
1,3-Dichloropropane	ug/kg	ND	4.0	05/05/14 20:32	
1,4-Dichlorobenzene	ug/kg	ND	4.0	05/05/14 20:32	
2,2-Dichloropropane	ug/kg	ND	4.0	05/05/14 20:32	
2-Butanone (MEK)	ug/kg	ND	80.5	05/05/14 20:32	
2-Chlorotoluene	ug/kg	ND	4.0	05/05/14 20:32	
2-Hexanone	ug/kg	ND	40.3	05/05/14 20:32	
4-Chlorotoluene	ug/kg	ND	4.0	05/05/14 20:32	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	40.3	05/05/14 20:32	
Acetone	ug/kg	ND	80.5	05/05/14 20:32	
Benzene	ug/kg	ND	4.0	05/05/14 20:32	
Bromobenzene	ug/kg	ND	4.0	05/05/14 20:32	
Bromochloromethane	ug/kg	ND	4.0	05/05/14 20:32	
Bromodichloromethane	ug/kg	ND	4.0	05/05/14 20:32	
Bromoform	ug/kg	ND	4.0	05/05/14 20:32	
Bromomethane	ug/kg	ND	8.1	05/05/14 20:32	
Carbon tetrachloride	ug/kg	ND	4.0	05/05/14 20:32	
Chlorobenzene	ug/kg	ND	4.0	05/05/14 20:32	
Chloroethane	ug/kg	ND	8.1	05/05/14 20:32	
Chloroform	ug/kg	ND	4.0	05/05/14 20:32	
Chloromethane	ug/kg	ND	8.1	05/05/14 20:32	
cis-1,2-Dichloroethene	ug/kg	ND	4.0	05/05/14 20:32	
cis-1,3-Dichloropropene	ug/kg	ND	4.0	05/05/14 20:32	
Dibromochloromethane	ug/kg	ND	4.0	05/05/14 20:32	
Dibromomethane	ug/kg	ND	4.0	05/05/14 20:32	
Dichlorodifluoromethane	ug/kg	ND	8.1	05/05/14 20:32	

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

METHOD BLANK: 1191300 Matrix: Solid
Associated Lab Samples: 92199670001, 92199670002, 92199670003

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	4.0	05/05/14 20:32	
Ethylbenzene	ug/kg	ND	4.0	05/05/14 20:32	
Hexachloro-1,3-butadiene	ug/kg	ND	4.0	05/05/14 20:32	
Isopropylbenzene (Cumene)	ug/kg	ND	4.0	05/05/14 20:32	
m&p-Xylene	ug/kg	ND	8.1	05/05/14 20:32	
Methyl-tert-butyl ether	ug/kg	ND	4.0	05/05/14 20:32	
Methylene Chloride	ug/kg	ND	16.1	05/05/14 20:32	
n-Butylbenzene	ug/kg	ND	4.0	05/05/14 20:32	
n-Propylbenzene	ug/kg	ND	4.0	05/05/14 20:32	
Naphthalene	ug/kg	ND	4.0	05/05/14 20:32	
o-Xylene	ug/kg	ND	4.0	05/05/14 20:32	
p-Isopropyltoluene	ug/kg	ND	4.0	05/05/14 20:32	
sec-Butylbenzene	ug/kg	ND	4.0	05/05/14 20:32	
Styrene	ug/kg	ND	4.0	05/05/14 20:32	
tert-Butylbenzene	ug/kg	ND	4.0	05/05/14 20:32	
Tetrachloroethene	ug/kg	ND	4.0	05/05/14 20:32	
Toluene	ug/kg	ND	4.0	05/05/14 20:32	
trans-1,2-Dichloroethene	ug/kg	ND	4.0	05/05/14 20:32	
trans-1,3-Dichloropropene	ug/kg	ND	4.0	05/05/14 20:32	
Trichloroethene	ug/kg	ND	4.0	05/05/14 20:32	
Trichlorofluoromethane	ug/kg	ND	4.0	05/05/14 20:32	
Vinyl acetate	ug/kg	ND	40.3	05/05/14 20:32	
Vinyl chloride	ug/kg	ND	8.1	05/05/14 20:32	
1,2-Dichloroethane-d4 (S)	%	115	70-132	05/05/14 20:32	
4-Bromofluorobenzene (S)	%	110	70-130	05/05/14 20:32	
Toluene-d8 (S)	%	108	70-130	05/05/14 20:32	

LABORATORY CONTROL SAMPLE: 1191301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	47.5	47.5	100	70-131	
1,1,1-Trichloroethane	ug/kg	47.5	49.6	104	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	47.5	19.8	42	70-130	L0
1,1,2-Trichloroethane	ug/kg	47.5	51.2	108	70-132	
1,1-Dichloroethane	ug/kg	47.5	43.8	92	70-143	
1,1-Dichloroethene	ug/kg	47.5	51.6	109	70-137	
1,1-Dichloropropene	ug/kg	47.5	50.0	105	70-135	
1,2,3-Trichlorobenzene	ug/kg	47.5	49.2	104	69-153	
1,2,3-Trichloropropane	ug/kg	47.5	51.5	108	70-130	
1,2,4-Trichlorobenzene	ug/kg	47.5	46.7	98	55-171	
1,2,4-Trimethylbenzene	ug/kg	47.5	48.7	102	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	47.5	53.7	113	68-141	
1,2-Dibromoethane (EDB)	ug/kg	47.5	52.8	111	70-130	
1,2-Dichlorobenzene	ug/kg	47.5	50.4	106	70-140	
1,2-Dichloroethane	ug/kg	47.5	52.7	111	70-137	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

LABORATORY CONTROL SAMPLE: 1191301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/kg	47.5	45.1	95	70-133	
1,3,5-Trimethylbenzene	ug/kg	47.5	48.0	101	70-143	
1,3-Dichlorobenzene	ug/kg	47.5	49.0	103	70-144	
1,3-Dichloropropane	ug/kg	47.5	51.7	109	70-132	
1,4-Dichlorobenzene	ug/kg	47.5	49.6	104	70-142	
2,2-Dichloropropane	ug/kg	47.5	48.6	102	68-152	
2-Butanone (MEK)	ug/kg	95.1	106	111	70-149	
2-Chlorotoluene	ug/kg	47.5	50.5	106	70-141	
2-Hexanone	ug/kg	95.1	114	120	70-149	
4-Chlorotoluene	ug/kg	47.5	48.1	101	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	95.1	105	111	70-153	
Acetone	ug/kg	95.1	103	108	70-157	
Benzene	ug/kg	47.5	47.1	99	70-130	
Bromobenzene	ug/kg	47.5	51.8	109	70-141	
Bromochloromethane	ug/kg	47.5	44.0	93	70-149	
Bromodichloromethane	ug/kg	47.5	51.9	109	70-130	
Bromoform	ug/kg	47.5	54.8	115	70-131	
Bromomethane	ug/kg	47.5	50.9	107	64-136	
Carbon tetrachloride	ug/kg	47.5	52.7	111	70-154	
Chlorobenzene	ug/kg	47.5	47.8	100	70-135	
Chloroethane	ug/kg	47.5	48.6	102	68-151	
Chloroform	ug/kg	47.5	54.5	115	70-130	
Chloromethane	ug/kg	47.5	47.3	99	70-132	
cis-1,2-Dichloroethene	ug/kg	47.5	48.0	101	70-140	
cis-1,3-Dichloropropene	ug/kg	47.5	48.3	102	70-137	
Dibromochloromethane	ug/kg	47.5	56.8	119	70-130	
Dibromomethane	ug/kg	47.5	55.3	116	70-136	
Dichlorodifluoromethane	ug/kg	47.5	66.8	141	36-148	
Diisopropyl ether	ug/kg	47.5	45.2	95	70-139	
Ethylbenzene	ug/kg	47.5	51.3	108	70-137	
Hexachloro-1,3-butadiene	ug/kg	47.5	49.3	104	70-145	
Isopropylbenzene (Cumene)	ug/kg	47.5	52.7	111	70-141	
m&p-Xylene	ug/kg	95.1	102	107	70-140	
Methyl-tert-butyl ether	ug/kg	47.5	50.0	105	45-150	
Methylene Chloride	ug/kg	47.5	51.6	109	70-133	
n-Butylbenzene	ug/kg	47.5	51.4	108	65-155	
n-Propylbenzene	ug/kg	47.5	51.6	109	70-148	
Naphthalene	ug/kg	47.5	53.6	113	70-148	
o-Xylene	ug/kg	47.5	50.1	105	70-141	
p-Isopropyltoluene	ug/kg	47.5	50.6	106	70-148	
sec-Butylbenzene	ug/kg	47.5	51.4	108	70-145	
Styrene	ug/kg	47.5	52.3	110	70-138	
tert-Butylbenzene	ug/kg	47.5	53.1	112	70-143	
Tetrachloroethene	ug/kg	47.5	50.7	107	70-140	
Toluene	ug/kg	47.5	51.1	108	70-130	
trans-1,2-Dichloroethene	ug/kg	47.5	46.4	98	70-136	
trans-1,3-Dichloropropene	ug/kg	47.5	53.1	112	70-138	
Trichloroethene	ug/kg	47.5	71.6	151	70-132	L0

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

LABORATORY CONTROL SAMPLE: 1191301

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichlorofluoromethane	ug/kg	47.5	50.0	105	69-134	
Vinyl acetate	ug/kg	95.1	20.6J	22	24-161	L0
Vinyl chloride	ug/kg	47.5	54.1	114	55-140	
1,2-Dichloroethane-d4 (S)	%			111	70-132	
4-Bromofluorobenzene (S)	%			105	70-130	
Toluene-d8 (S)	%			99	70-130	

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

QC Batch: MSV/26703 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92199670004, 92199670005

METHOD BLANK: 1191974 Matrix: Solid
Associated Lab Samples: 92199670004, 92199670005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	4.4	05/06/14 15:47	
1,1,1-Trichloroethane	ug/kg	ND	4.4	05/06/14 15:47	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4.4	05/06/14 15:47	
1,1,2-Trichloroethane	ug/kg	ND	4.4	05/06/14 15:47	
1,1-Dichloroethane	ug/kg	ND	4.4	05/06/14 15:47	
1,1-Dichloroethene	ug/kg	ND	4.4	05/06/14 15:47	
1,1-Dichloropropene	ug/kg	ND	4.4	05/06/14 15:47	
1,2,3-Trichlorobenzene	ug/kg	ND	4.4	05/06/14 15:47	
1,2,3-Trichloropropane	ug/kg	ND	4.4	05/06/14 15:47	
1,2,4-Trichlorobenzene	ug/kg	ND	4.4	05/06/14 15:47	
1,2,4-Trimethylbenzene	ug/kg	ND	4.4	05/06/14 15:47	
1,2-Dibromo-3-chloropropane	ug/kg	ND	4.4	05/06/14 15:47	
1,2-Dibromoethane (EDB)	ug/kg	ND	4.4	05/06/14 15:47	
1,2-Dichlorobenzene	ug/kg	ND	4.4	05/06/14 15:47	
1,2-Dichloroethane	ug/kg	ND	4.4	05/06/14 15:47	
1,2-Dichloropropane	ug/kg	ND	4.4	05/06/14 15:47	
1,3,5-Trimethylbenzene	ug/kg	ND	4.4	05/06/14 15:47	
1,3-Dichlorobenzene	ug/kg	ND	4.4	05/06/14 15:47	
1,3-Dichloropropane	ug/kg	ND	4.4	05/06/14 15:47	
1,4-Dichlorobenzene	ug/kg	ND	4.4	05/06/14 15:47	
2,2-Dichloropropane	ug/kg	ND	4.4	05/06/14 15:47	
2-Butanone (MEK)	ug/kg	ND	87.7	05/06/14 15:47	
2-Chlorotoluene	ug/kg	ND	4.4	05/06/14 15:47	
2-Hexanone	ug/kg	ND	43.9	05/06/14 15:47	
4-Chlorotoluene	ug/kg	ND	4.4	05/06/14 15:47	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	43.9	05/06/14 15:47	
Acetone	ug/kg	ND	87.7	05/06/14 15:47	
Benzene	ug/kg	ND	4.4	05/06/14 15:47	
Bromobenzene	ug/kg	ND	4.4	05/06/14 15:47	
Bromochloromethane	ug/kg	ND	4.4	05/06/14 15:47	
Bromodichloromethane	ug/kg	ND	4.4	05/06/14 15:47	
Bromoform	ug/kg	ND	4.4	05/06/14 15:47	
Bromomethane	ug/kg	ND	8.8	05/06/14 15:47	
Carbon tetrachloride	ug/kg	ND	4.4	05/06/14 15:47	
Chlorobenzene	ug/kg	ND	4.4	05/06/14 15:47	
Chloroethane	ug/kg	ND	8.8	05/06/14 15:47	
Chloroform	ug/kg	ND	4.4	05/06/14 15:47	
Chloromethane	ug/kg	ND	8.8	05/06/14 15:47	
cis-1,2-Dichloroethene	ug/kg	ND	4.4	05/06/14 15:47	
cis-1,3-Dichloropropene	ug/kg	ND	4.4	05/06/14 15:47	
Dibromochloromethane	ug/kg	ND	4.4	05/06/14 15:47	
Dibromomethane	ug/kg	ND	4.4	05/06/14 15:47	
Dichlorodifluoromethane	ug/kg	ND	8.8	05/06/14 15:47	

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

METHOD BLANK: 1191974 Matrix: Solid
Associated Lab Samples: 92199670004, 92199670005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	4.4	05/06/14 15:47	
Ethylbenzene	ug/kg	ND	4.4	05/06/14 15:47	
Hexachloro-1,3-butadiene	ug/kg	ND	4.4	05/06/14 15:47	
Isopropylbenzene (Cumene)	ug/kg	ND	4.4	05/06/14 15:47	
m&p-Xylene	ug/kg	ND	8.8	05/06/14 15:47	
Methyl-tert-butyl ether	ug/kg	ND	4.4	05/06/14 15:47	
Methylene Chloride	ug/kg	ND	17.5	05/06/14 15:47	
n-Butylbenzene	ug/kg	ND	4.4	05/06/14 15:47	
n-Propylbenzene	ug/kg	ND	4.4	05/06/14 15:47	
Naphthalene	ug/kg	ND	4.4	05/06/14 15:47	
o-Xylene	ug/kg	ND	4.4	05/06/14 15:47	
p-Isopropyltoluene	ug/kg	ND	4.4	05/06/14 15:47	
sec-Butylbenzene	ug/kg	ND	4.4	05/06/14 15:47	
Styrene	ug/kg	ND	4.4	05/06/14 15:47	
tert-Butylbenzene	ug/kg	ND	4.4	05/06/14 15:47	
Tetrachloroethene	ug/kg	ND	4.4	05/06/14 15:47	
Toluene	ug/kg	ND	4.4	05/06/14 15:47	
trans-1,2-Dichloroethene	ug/kg	ND	4.4	05/06/14 15:47	
trans-1,3-Dichloropropene	ug/kg	ND	4.4	05/06/14 15:47	
Trichloroethene	ug/kg	ND	4.4	05/06/14 15:47	
Trichlorofluoromethane	ug/kg	ND	4.4	05/06/14 15:47	
Vinyl acetate	ug/kg	ND	43.9	05/06/14 15:47	
Vinyl chloride	ug/kg	ND	8.8	05/06/14 15:47	
1,2-Dichloroethane-d4 (S)	%	113	70-132	05/06/14 15:47	
4-Bromofluorobenzene (S)	%	105	70-130	05/06/14 15:47	
Toluene-d8 (S)	%	104	70-130	05/06/14 15:47	

LABORATORY CONTROL SAMPLE: 1191975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	49.1	45.0	92	70-131	
1,1,1-Trichloroethane	ug/kg	49.1	47.7	97	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	49.1	42.3	86	70-130	
1,1,2-Trichloroethane	ug/kg	49.1	53.4	109	70-132	
1,1-Dichloroethane	ug/kg	49.1	40.5	83	70-143	
1,1-Dichloroethene	ug/kg	49.1	45.2	92	70-137	
1,1-Dichloropropene	ug/kg	49.1	46.5	95	70-135	
1,2,3-Trichlorobenzene	ug/kg	49.1	47.8	97	69-153	
1,2,3-Trichloropropane	ug/kg	49.1	53.2	108	70-130	
1,2,4-Trichlorobenzene	ug/kg	49.1	47.6	97	55-171	
1,2,4-Trimethylbenzene	ug/kg	49.1	44.1	90	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	49.1	51.3	104	68-141	
1,2-Dibromoethane (EDB)	ug/kg	49.1	51.6	105	70-130	
1,2-Dichlorobenzene	ug/kg	49.1	46.9	95	70-140	
1,2-Dichloroethane	ug/kg	49.1	54.2	110	70-137	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

LABORATORY CONTROL SAMPLE: 1191975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichloropropane	ug/kg	49.1	45.6	93	70-133	
1,3,5-Trimethylbenzene	ug/kg	49.1	42.9	87	70-143	
1,3-Dichlorobenzene	ug/kg	49.1	46.7	95	70-144	
1,3-Dichloropropane	ug/kg	49.1	50.5	103	70-132	
1,4-Dichlorobenzene	ug/kg	49.1	48.6	99	70-142	
2,2-Dichloropropane	ug/kg	49.1	46.9	95	68-152	
2-Butanone (MEK)	ug/kg	98.2	ND	100	70-149	
2-Chlorotoluene	ug/kg	49.1	47.5	97	70-141	
2-Hexanone	ug/kg	98.2	95.1	97	70-149	
4-Chlorotoluene	ug/kg	49.1	48.2	98	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	98.2	104	106	70-153	
Acetone	ug/kg	98.2	84.6J	86	70-157	
Benzene	ug/kg	49.1	46.6	95	70-130	
Bromobenzene	ug/kg	49.1	49.2	100	70-141	
Bromochloromethane	ug/kg	49.1	40.1	82	70-149	
Bromodichloromethane	ug/kg	49.1	53.6	109	70-130	
Bromoform	ug/kg	49.1	51.2	104	70-131	
Bromomethane	ug/kg	49.1	41.9	85	64-136	
Carbon tetrachloride	ug/kg	49.1	54.0	110	70-154	
Chlorobenzene	ug/kg	49.1	46.2	94	70-135	
Chloroethane	ug/kg	49.1	45.5	93	68-151	
Chloroform	ug/kg	49.1	49.0	100	70-130	
Chloromethane	ug/kg	49.1	44.5	91	70-132	
cis-1,2-Dichloroethene	ug/kg	49.1	43.6	89	70-140	
cis-1,3-Dichloropropene	ug/kg	49.1	48.9	100	70-137	
Dibromochloromethane	ug/kg	49.1	53.4	109	70-130	
Dibromomethane	ug/kg	49.1	52.2	106	70-136	
Dichlorodifluoromethane	ug/kg	49.1	68.4	139	36-148	
Diisopropyl ether	ug/kg	49.1	41.4	84	70-139	
Ethylbenzene	ug/kg	49.1	50.5	103	70-137	
Hexachloro-1,3-butadiene	ug/kg	49.1	47.7	97	70-145	
Isopropylbenzene (Cumene)	ug/kg	49.1	50.9	104	70-141	
m&p-Xylene	ug/kg	98.2	100	102	70-140	
Methyl-tert-butyl ether	ug/kg	49.1	50.0	102	45-150	
Methylene Chloride	ug/kg	49.1	48.6	99	70-133	
n-Butylbenzene	ug/kg	49.1	49.8	101	65-155	
n-Propylbenzene	ug/kg	49.1	49.7	101	70-148	
Naphthalene	ug/kg	49.1	50.3	102	70-148	
o-Xylene	ug/kg	49.1	48.4	99	70-141	
p-Isopropyltoluene	ug/kg	49.1	46.9	96	70-148	
sec-Butylbenzene	ug/kg	49.1	49.7	101	70-145	
Styrene	ug/kg	49.1	50.4	103	70-138	
tert-Butylbenzene	ug/kg	49.1	49.4	101	70-143	
Tetrachloroethene	ug/kg	49.1	49.5	101	70-140	
Toluene	ug/kg	49.1	50.7	103	70-130	
trans-1,2-Dichloroethene	ug/kg	49.1	43.3	88	70-136	
trans-1,3-Dichloropropene	ug/kg	49.1	53.6	109	70-138	
Trichloroethene	ug/kg	49.1	50.3	102	70-132	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

LABORATORY CONTROL SAMPLE: 1191975

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Trichlorofluoromethane	ug/kg	49.1	47.1	96	69-134	
Vinyl acetate	ug/kg	98.2	77.2	79	24-161	
Vinyl chloride	ug/kg	49.1	52.3	106	55-140	
1,2-Dichloroethane-d4 (S)	%			115	70-132	
4-Bromofluorobenzene (S)	%			103	70-130	
Toluene-d8 (S)	%			105	70-130	

MATRIX SPIKE SAMPLE: 1192809

Parameter	Units	92199823002 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	82.2	99.0	120	49-180	
Benzene	ug/kg	ND	82.2	87.7	107	50-166	
Chlorobenzene	ug/kg	ND	82.2	83.4	101	43-169	
Toluene	ug/kg	ND	82.2	87.6	106	52-163	
Trichloroethene	ug/kg	ND	82.2	87.6	107	49-167	
1,2-Dichloroethane-d4 (S)	%				149	70-132	S0
4-Bromofluorobenzene (S)	%				105	70-130	
Toluene-d8 (S)	%				105	70-130	

SAMPLE DUPLICATE: 1192808

Parameter	Units	92199823001 Result	Dup Result	RPD	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,1-Trichloroethane	ug/kg	ND	ND		
1,1,2,2-Tetrachloroethane	ug/kg	ND	ND		
1,1,2-Trichloroethane	ug/kg	ND	ND		
1,1-Dichloroethane	ug/kg	ND	ND		
1,1-Dichloroethene	ug/kg	ND	ND		
1,1-Dichloropropene	ug/kg	ND	ND		
1,2,3-Trichlorobenzene	ug/kg	ND	ND		
1,2,3-Trichloropropane	ug/kg	ND	ND		
1,2,4-Trichlorobenzene	ug/kg	ND	ND		
1,2,4-Trimethylbenzene	ug/kg	ND	ND		
1,2-Dibromo-3-chloropropane	ug/kg	ND	ND		
1,2-Dibromoethane (EDB)	ug/kg	ND	ND		
1,2-Dichlorobenzene	ug/kg	ND	ND		
1,2-Dichloroethane	ug/kg	ND	ND		
1,2-Dichloropropane	ug/kg	ND	ND		
1,3,5-Trimethylbenzene	ug/kg	ND	ND		
1,3-Dichlorobenzene	ug/kg	ND	ND		
1,3-Dichloropropane	ug/kg	ND	ND		
1,4-Dichlorobenzene	ug/kg	ND	ND		
2,2-Dichloropropane	ug/kg	ND	ND		
2-Butanone (MEK)	ug/kg	ND	38J		
2-Chlorotoluene	ug/kg	ND	ND		

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

SAMPLE DUPLICATE: 1192808

Parameter	Units	92199823001 Result	Dup Result	RPD	Qualifiers
2-Hexanone	ug/kg	ND	ND		
4-Chlorotoluene	ug/kg	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	4.3J		
Acetone	ug/kg	ND	90.7J		
Benzene	ug/kg	ND	ND		
Bromobenzene	ug/kg	ND	ND		
Bromochloromethane	ug/kg	ND	ND		
Bromodichloromethane	ug/kg	ND	ND		
Bromoform	ug/kg	ND	ND		
Bromomethane	ug/kg	ND	ND		
Carbon tetrachloride	ug/kg	ND	ND		
Chlorobenzene	ug/kg	ND	ND		
Chloroethane	ug/kg	ND	ND		
Chloroform	ug/kg	ND	ND		
Chloromethane	ug/kg	ND	ND		
cis-1,2-Dichloroethene	ug/kg	ND	ND		
cis-1,3-Dichloropropene	ug/kg	ND	ND		
Dibromochloromethane	ug/kg	ND	ND		
Dibromomethane	ug/kg	ND	ND		
Dichlorodifluoromethane	ug/kg	ND	ND		
Diisopropyl ether	ug/kg	ND	ND		
Ethylbenzene	ug/kg	ND	ND		
Hexachloro-1,3-butadiene	ug/kg	ND	ND		
Isopropylbenzene (Cumene)	ug/kg	ND	ND		
m&p-Xylene	ug/kg	ND	ND		
Methyl-tert-butyl ether	ug/kg	ND	3.7J		
Methylene Chloride	ug/kg	ND	ND		
n-Butylbenzene	ug/kg	ND	ND		
n-Propylbenzene	ug/kg	ND	ND		
Naphthalene	ug/kg	ND	ND		
o-Xylene	ug/kg	ND	ND		
p-Isopropyltoluene	ug/kg	ND	ND		
sec-Butylbenzene	ug/kg	ND	ND		
Styrene	ug/kg	ND	ND		
tert-Butylbenzene	ug/kg	ND	ND		
Tetrachloroethene	ug/kg	ND	ND		
Toluene	ug/kg	ND	ND		
trans-1,2-Dichloroethene	ug/kg	ND	ND		
trans-1,3-Dichloropropene	ug/kg	ND	ND		
Trichloroethene	ug/kg	ND	ND		
Trichlorofluoromethane	ug/kg	ND	ND		
Vinyl acetate	ug/kg	ND	ND		
Vinyl chloride	ug/kg	ND	ND		
1,2-Dichloroethane-d4 (S)	%	150	150	6	S2
4-Bromofluorobenzene (S)	%	113	109	9	
Toluene-d8 (S)	%	102	110	1	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

QC Batch: OEXT/27411 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 92199670001, 92199670002, 92199670003, 92199670004, 92199670005

METHOD BLANK: 1190513 Matrix: Solid
Associated Lab Samples: 92199670001, 92199670002, 92199670003, 92199670004, 92199670005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	05/05/14 16:09	
1,2-Dichlorobenzene	ug/kg	ND	330	05/05/14 16:09	
1,3-Dichlorobenzene	ug/kg	ND	330	05/05/14 16:09	
1,4-Dichlorobenzene	ug/kg	ND	330	05/05/14 16:09	
1-Methylnaphthalene	ug/kg	ND	330	05/05/14 16:09	
2,4,5-Trichlorophenol	ug/kg	ND	330	05/05/14 16:09	
2,4,6-Trichlorophenol	ug/kg	ND	330	05/05/14 16:09	
2,4-Dichlorophenol	ug/kg	ND	330	05/05/14 16:09	
2,4-Dimethylphenol	ug/kg	ND	330	05/05/14 16:09	
2,4-Dinitrophenol	ug/kg	ND	1650	05/05/14 16:09	
2,4-Dinitrotoluene	ug/kg	ND	330	05/05/14 16:09	
2,6-Dinitrotoluene	ug/kg	ND	330	05/05/14 16:09	
2-Chloronaphthalene	ug/kg	ND	330	05/05/14 16:09	
2-Chlorophenol	ug/kg	ND	330	05/05/14 16:09	
2-Methylnaphthalene	ug/kg	ND	330	05/05/14 16:09	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	05/05/14 16:09	
2-Nitroaniline	ug/kg	ND	1650	05/05/14 16:09	
2-Nitrophenol	ug/kg	ND	330	05/05/14 16:09	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	05/05/14 16:09	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	05/05/14 16:09	
3-Nitroaniline	ug/kg	ND	1650	05/05/14 16:09	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	05/05/14 16:09	
4-Bromophenylphenyl ether	ug/kg	ND	330	05/05/14 16:09	
4-Chloro-3-methylphenol	ug/kg	ND	660	05/05/14 16:09	
4-Chloroaniline	ug/kg	ND	1650	05/05/14 16:09	
4-Chlorophenylphenyl ether	ug/kg	ND	330	05/05/14 16:09	
4-Nitroaniline	ug/kg	ND	660	05/05/14 16:09	
4-Nitrophenol	ug/kg	ND	1650	05/05/14 16:09	
Acenaphthene	ug/kg	ND	330	05/05/14 16:09	
Acenaphthylene	ug/kg	ND	330	05/05/14 16:09	
Anthracene	ug/kg	ND	330	05/05/14 16:09	
Benzo(a)anthracene	ug/kg	ND	330	05/05/14 16:09	
Benzo(a)pyrene	ug/kg	ND	330	05/05/14 16:09	
Benzo(b)fluoranthene	ug/kg	ND	330	05/05/14 16:09	
Benzo(g,h,i)perylene	ug/kg	ND	330	05/05/14 16:09	
Benzo(k)fluoranthene	ug/kg	ND	330	05/05/14 16:09	
Benzoic Acid	ug/kg	ND	1650	05/05/14 16:09	
Benzyl alcohol	ug/kg	ND	660	05/05/14 16:09	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	05/05/14 16:09	
bis(2-Chloroethyl) ether	ug/kg	ND	330	05/05/14 16:09	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	05/05/14 16:09	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	05/05/14 16:09	
Butylbenzylphthalate	ug/kg	ND	330	05/05/14 16:09	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

METHOD BLANK: 1190513 Matrix: Solid
Associated Lab Samples: 92199670001, 92199670002, 92199670003, 92199670004, 92199670005

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chrysene	ug/kg	ND	330	05/05/14 16:09	
Di-n-butylphthalate	ug/kg	ND	330	05/05/14 16:09	
Di-n-octylphthalate	ug/kg	ND	330	05/05/14 16:09	
Dibenz(a,h)anthracene	ug/kg	ND	330	05/05/14 16:09	
Dibenzofuran	ug/kg	ND	330	05/05/14 16:09	
Diethylphthalate	ug/kg	ND	330	05/05/14 16:09	
Dimethylphthalate	ug/kg	ND	330	05/05/14 16:09	
Fluoranthene	ug/kg	ND	330	05/05/14 16:09	
Fluorene	ug/kg	ND	330	05/05/14 16:09	
Hexachloro-1,3-butadiene	ug/kg	ND	330	05/05/14 16:09	
Hexachlorobenzene	ug/kg	ND	330	05/05/14 16:09	
Hexachlorocyclopentadiene	ug/kg	ND	330	05/05/14 16:09	
Hexachloroethane	ug/kg	ND	330	05/05/14 16:09	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	05/05/14 16:09	
Isophorone	ug/kg	ND	330	05/05/14 16:09	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	05/05/14 16:09	
N-Nitrosodimethylamine	ug/kg	ND	330	05/05/14 16:09	
N-Nitrosodiphenylamine	ug/kg	ND	330	05/05/14 16:09	
Naphthalene	ug/kg	ND	330	05/05/14 16:09	
Nitrobenzene	ug/kg	ND	330	05/05/14 16:09	
Pentachlorophenol	ug/kg	ND	1650	05/05/14 16:09	
Phenanthrene	ug/kg	ND	330	05/05/14 16:09	
Phenol	ug/kg	ND	330	05/05/14 16:09	
Pyrene	ug/kg	ND	330	05/05/14 16:09	
2,4,6-Tribromophenol (S)	%	70	27-110	05/05/14 16:09	
2-Fluorobiphenyl (S)	%	72	30-110	05/05/14 16:09	
2-Fluorophenol (S)	%	66	13-110	05/05/14 16:09	
Nitrobenzene-d5 (S)	%	73	23-110	05/05/14 16:09	
Phenol-d6 (S)	%	63	22-110	05/05/14 16:09	
Terphenyl-d14 (S)	%	83	28-110	05/05/14 16:09	

LABORATORY CONTROL SAMPLE & LCSD: 1190514 1190515

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1040	863	62	52	39-101	19	30	
1,2-Dichlorobenzene	ug/kg	1670	1230	1080	74	65	36-110	13	30	
1,3-Dichlorobenzene	ug/kg	1670	1230	1070	74	64	35-110	14	30	
1,4-Dichlorobenzene	ug/kg	1670	1250	1120	75	67	35-110	12	30	
1-Methylnaphthalene	ug/kg	1670	957	909	57	55	45-105	5	30	
2,4,5-Trichlorophenol	ug/kg	1670	1310	1200	78	72	48-109	8	30	
2,4,6-Trichlorophenol	ug/kg	1670	1250	1190	75	72	45-111	5	30	
2,4-Dichlorophenol	ug/kg	1670	1080	1020	65	61	51-116	6	30	
2,4-Dimethylphenol	ug/kg	1670	1020	1000	61	60	42-103	2	30	
2,4-Dinitrophenol	ug/kg	8330	6620	7080	79	85	28-103	7	30	
2,4-Dinitrotoluene	ug/kg	1670	1540	1390	93	83	46-114	10	30	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

LABORATORY CONTROL SAMPLE & LCSD: 1190514 1190515

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
2,6-Dinitrotoluene	ug/kg	1670	1610	1500	97	90	48-112	7	30	
2-Chloronaphthalene	ug/kg	1670	1390	1230	83	74	44-105	12	30	
2-Chlorophenol	ug/kg	1670	1190	1090	71	65	36-110	9	30	
2-Methylnaphthalene	ug/kg	1670	989	937	59	56	39-112	5	30	
2-Methylphenol(o-Cresol)	ug/kg	1670	1120	1100	67	66	39-101	2	30	
2-Nitroaniline	ug/kg	3330	2830	2740	85	82	44-111	3	30	
2-Nitrophenol	ug/kg	1670	1230	1130	74	68	41-100	8	30	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1060	1100	63	66	43-103	4	30	
3,3'-Dichlorobenzidine	ug/kg	3330	2890	2440	87	73	10-150	17	30	
3-Nitroaniline	ug/kg	3330	2960	2770	89	83	35-110	6	30	
4,6-Dinitro-2-methylphenol	ug/kg	3330	3000	3030	90	91	38-118	1	30	
4-Bromophenylphenyl ether	ug/kg	1670	1220	1120	73	67	47-115	8	30	
4-Chloro-3-methylphenol	ug/kg	3330	2100	2240	63	67	43-127	6	30	
4-Chloroaniline	ug/kg	3330	2050	2060	62	62	34-109	0	30	
4-Chlorophenylphenyl ether	ug/kg	1670	1260	1130	76	68	44-115	11	30	
4-Nitroaniline	ug/kg	3330	3030	2790	91	84	37-111	8	30	
4-Nitrophenol	ug/kg	8330	6550	6430	79	77	21-152	2	30	
Acenaphthene	ug/kg	1670	1210	1100	72	66	38-117	9	30	
Acenaphthylene	ug/kg	1670	1230	1120	74	67	46-107	9	30	
Anthracene	ug/kg	1670	1280	1210	77	72	50-110	6	30	
Benzo(a)anthracene	ug/kg	1670	1250	1210	75	72	47-116	4	30	
Benzo(a)pyrene	ug/kg	1670	1220	1180	73	71	47-106	3	30	
Benzo(b)fluoranthene	ug/kg	1670	1150	1210	69	73	47-109	6	30	
Benzo(g,h,i)perylene	ug/kg	1670	1190	969	71	58	39-115	21	30	
Benzo(k)fluoranthene	ug/kg	1670	1230	1230	74	74	45-117	0	30	
Benzoic Acid	ug/kg	8330	3100	4130	37	50	16-110	29	30	
Benzyl alcohol	ug/kg	3330	2300	2320	69	70	38-105	1	30	
bis(2-Chloroethoxy)methane	ug/kg	1670	1150	1070	69	64	39-110	7	30	
bis(2-Chloroethyl) ether	ug/kg	1670	1080	949	65	57	19-119	13	30	
bis(2-Chloroisopropyl) ether	ug/kg	1670	1030	995	62	60	21-110	3	30	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1160	1290	70	77	35-116	10	30	
Butylbenzylphthalate	ug/kg	1670	1210	1320	73	79	38-110	9	30	
Chrysene	ug/kg	1670	1310	1190	79	71	49-110	10	30	
Di-n-butylphthalate	ug/kg	1670	1170	1120	70	67	43-109	4	30	
Di-n-octylphthalate	ug/kg	1670	1180	1260	71	76	37-109	7	30	
Dibenz(a,h)anthracene	ug/kg	1670	1220	1010	73	60	43-116	19	30	
Dibenzofuran	ug/kg	1670	1380	1240	83	74	45-106	11	30	
Diethylphthalate	ug/kg	1670	1120	1020	67	61	41-114	10	30	
Dimethylphthalate	ug/kg	1670	1270	1160	76	70	43-110	9	30	
Fluoranthene	ug/kg	1670	1280	1230	77	74	50-114	4	30	
Fluorene	ug/kg	1670	1350	1220	81	73	46-114	10	30	
Hexachloro-1,3-butadiene	ug/kg	1670	1100	893	66	54	28-111	21	30	
Hexachlorobenzene	ug/kg	1670	1290	1210	78	73	46-120	7	30	
Hexachlorocyclopentadiene	ug/kg	1670	1450	1180	87	71	18-119	20	30	
Hexachloroethane	ug/kg	1670	1390	1200	84	72	33-110	15	30	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1270	1040	76	63	42-115	19	30	
Isophorone	ug/kg	1670	985	985	59	59	44-109	0	30	
N-Nitroso-di-n-propylamine	ug/kg	1670	872	896	52	54	43-104	3	30	

REPORT OF LABORATORY ANALYSIS

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

LABORATORY CONTROL SAMPLE & LCSD: 1190514 1190515

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
N-Nitrosodimethylamine	ug/kg	1670	951	859	57	52	29-110	10	30	
N-Nitrosodiphenylamine	ug/kg	1670	1060	1030	64	62	48-113	3	30	
Naphthalene	ug/kg	1670	1030	904	62	54	41-110	13	30	
Nitrobenzene	ug/kg	1670	1030	932	62	56	38-110	10	30	
Pentachlorophenol	ug/kg	3330	2510	2530	75	76	32-128	1	30	
Phenanthrene	ug/kg	1670	1250	1180	75	71	50-110	6	30	
Phenol	ug/kg	1670	1220	1190	73	71	28-106	3	30	
Pyrene	ug/kg	1670	1230	1290	74	78	45-114	5	30	
2,4,6-Tribromophenol (S)	%				88	84	27-110			
2-Fluorobiphenyl (S)	%				77	65	30-110			
2-Fluorophenol (S)	%				73	64	13-110			
Nitrobenzene-d5 (S)	%				62	55	23-110			
Phenol-d6 (S)	%				67	65	22-110			
Terphenyl-d14 (S)	%				73	77	28-110			

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

QUALITY CONTROL DATA

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

QC Batch: PMST/6526 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92199670001, 92199670002, 92199670003, 92199670004, 92199670005

SAMPLE DUPLICATE: 1190678

Parameter	Units	92199338001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	13.8	14.2	3	

SAMPLE DUPLICATE: 1190679

Parameter	Units	92199670005 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	27.5	26.9	2	

REPORT OF LABORATORY ANALYSIS

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

QUALIFIERS

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

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

ANALYTE QUALIFIERS

L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
S0	Surrogate recovery outside laboratory control limits.
S2	Surrogate recovery outside laboratory control limits due to matrix interferences (confirmed by similar results from sample re-analysis).
S3	Surrogate recovery exceeded laboratory control limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: RANDOLPH CO PSAS WBS422521.1
Pace Project No.: 92199670

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92199670001	**SB-2**	EPA 3546	OEXT/27411	EPA 8270	MSSV/9069
92199670002	**SB-7**	EPA 3546	OEXT/27411	EPA 8270	MSSV/9069
92199670003	**SB-6**	EPA 3546	OEXT/27411	EPA 8270	MSSV/9069
92199670004	**SB-5**	EPA 3546	OEXT/27411	EPA 8270	MSSV/9069
92199670005	**SB-4**	EPA 3546	OEXT/27411	EPA 8270	MSSV/9069
92199670001	**SB-2**	EPA 8260	MSV/26691		
92199670002	**SB-7**	EPA 8260	MSV/26691		
92199670003	**SB-6**	EPA 8260	MSV/26691		
92199670004	**SB-5**	EPA 8260	MSV/26703		
92199670005	**SB-4**	EPA 8260	MSV/26703		
92199670001	**SB-2**	ASTM D2974-87	PMST/6526		
92199670002	**SB-7**	ASTM D2974-87	PMST/6526		
92199670003	**SB-6**	ASTM D2974-87	PMST/6526		
92199670004	**SB-5**	ASTM D2974-87	PMST/6526		
92199670005	**SB-4**	ASTM D2974-87	PMST/6526		

Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: April 01, 2014 Page 1 of 2
	Document Number: **F-CHR-CS-003-rev.14**	Issuing Authority: Pace Huntersville Quality Office

Client Name: GEL Eng. of NC

Courier: ☐ 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_____

Thermometer Used: IR Gun T1102 T1401 **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.: 4.1 °C **Biological Tissue is Frozen:** Yes No N/A

Temp should be above freezing to 6°C **Comments:**

Optional
Proj. Due Date:
Proj. Name:

Date and Initials of person examining contents: CD 5/2/14

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: CD 5/2/14	☑Yes	☑No	☐N/A	8. NO VOC'S received, Received 8260 WTS, and 8270 Soil Jars for each ID
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:_____				
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:_____ Date/Time:_____

Comments/ Resolution:_____

SCURF Review:	AMB	**Date:**	5-2-14
SRF Review:	AMB	**Date:**	5-2-14

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)

Place label here

WO#: 92199670

92199670

Pace Analytical®
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 1

1793132

Section A Required Client Information:

Company: GEL Eng of NC
Address: PO Box 14262
RTP, NC
Email To: ade@gel.com
Phone: (919)323-8829 Fax:
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Andrew Eyer
Copy To:
Purchase Order No.: WBS #42252.1.1
Project Name: Randolph Co. PSAs
Project Number: B-5114

Section C Invoice Information:

Attention: NCDOT
Company Name:
Address:
Pace Quote Reference:
Pace Project Manager:
Pace Profile #: 1241-1

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	SVOCs	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	SB-2	SL	G			~~5-1-14~~	13:35		5	2					2	1		X	X		92199670 001
2	SB-7	SL	G			5-1-14	14:10		5	2					2	1		X	X		002
3	SB-6	SL	G			5-1-14	14:30		5	2					2	1		X	X		003
4	SB-5	SL	G			5-1-14	14:45		5	2					2	1		X	X		004
5	SB-4	SL	G			5-1-14	15:00		5	2					2	1		X	X		005
6																					
7																					
8																					
9																					
10																					
11																					
12																					

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	[signature] GEL	5/2/14	0935	[signature]	5-2-14	0935				
	[signature]	5-2-14	1245	[signature] Pace	5/2/14	12:45	4.1	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Robby Gardner
SIGNATURE of SAMPLER: [signature]
DATE Signed (MM/DD/YY): 05/01/14

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.