INITIAL ABATEMENT ACTION REPORT
Parcel 34, KHT & H, LLC Property
303 Enola Rd, Morganton, NC
State Project: U-2551
WBS Element: 34832.1.1
AMEC Project No.: 562112551

2011 CONTRACT #7000012359

Submitted to:
Mr. Terry Fox, LG
GeoEnvironmental Project Manager

Prepared for UST Owner/Operator and Property Owner:
NCDOT
1589 Mail Service Center
Raleigh, North Carolina 27699-1589

Submitted by Consultant:
AMEC of North Carolina, Inc.
2801 Yorkmont Road
Charlotte, North Carolina 28208

January 5, 2012

Troy L. Holzschuh
Engineering Technician

Helen Corley, LG
Program Manager

TABLE OF CONTENTS

FIGURES

TABLES

APPENDICES

1.0 INTRODUCTION

North Carolina Department of Transportation (NCDOT) Parcel 34 is located at 303 Enola Rd in Morganton, North Carolina (**Figure 1**). The site historically operated as a convenient store and gas station and was referred to as the KHT&H, LLC property (the Site). At the time of the UST closure activities, the building had been demolished. The entire property was acquired by NCDOT as part of a right-of-way acquisition for the road improvement project along Enola Rd. in Morganton, North Carolina.

Five Underground Storage Tanks (USTs) were known or suspected based on a Preliminary Site Assessment conducted by AMEC of North Carolina, Inc. (AMEC) in December 2010. Based on a geophysical survey reported in the PSA, the anticipated capacities of the UST and their expected depths to top of tank are tabulated below.

Probable UST-1	4,000 gal.	3.5-4.5 ft bgs
Probable UST-2	4,000 gal.	3.5-4.5 ft bgs
Probable UST-3	4,000 gal.	3.5-4.5 ft bgs
Probable UST-4	4,000 gal.	3.5-4.5 ft bgs
Probable UST-5	270 gal.	3-4 ft bgs

During the PSA, associated fuel lines and dispensers were determined to be present as well. Field observation and laboratory analysis of soil sampling confirmed that a release had occurred on the southern end of UST-1. (**Figure 2**)

AMEC subcontracted EVO Corporation (EVO) of Winston-Salem, North Carolina to remove and dispose of the USTs, the associated piping, dispenser islands and potentially contaminated soils. Field activities were conducted on November 28th through the 2nd of August 2011.

This Initial Abatement Action Report (IAAR) combines a summary of the procedures and findings of the UST closure, the soil and fluid removal activities and the sampling activities and results.

2.0 SITE INFORMATION

Date of Report: January 5, 2012
Facility I.D.: N/A UST Incident Number (if known): 28380
Site Name: Parcel 34 – NCDOT
Site Location: 303 Enola Rd
Nearest City/Town: Morganton County: Burke

UST Owner: North Carolina Department of Transportation
Address: 1589 Mail Service Center, Raleigh, NC 27699 Phone: N/A

UST Operator: N/A
Address: N/A Phone: N/A
Property Owner: NCDOT
Address: 1589 Mail Service Center, Raleigh, NC 27699 Phone: 919-707-6870

Property Occupant: Vacant Contact:
Address: 303 Enola Rd, Morganton, NC 28655 Phone:

Consultant/Contractor: AMEC of North Carolina
Address: 2801 Yorkmont Road, Charlotte, NC 28208 Phone: 704-357-5630

Excavation Contractor: EVO Corporation
Address: 1703 Vargrave Street, Winston Salem, NC Phone: 336-725-5844

Laboratory/Subcontractor: Pace Analytical Services State Certification No. NC 402
Address: 9800 Kincey Ave, Ste 100, Huntersville, NC 28078 Phone: 704-875-9092

The former KHT & H LLC property, Parcel 34, is located on the eastern side of Enola Rd, just south of the on-ramp for I-40 eastbound in Morganton, Burke County, North Carolina. The surrounding properties are residential and commercial businesses. The business directly south, formerly a Chick-Fil-A, has been demolished. The properties to the east and north of the site each have residential single family houses. Directly across Enola Road to the west is the Iverson Riddle Development Center, and to the southwest is West Crafts.

The Site is located within the Metamorphic sediments of the Inner Piedmont Physiographic Province of western North Carolina. The Inner Piedmont belt is the most intensely deformed and metamorphosed segment of the Piedmont. The metamorphic rocks range from 500 to 750 million years in age. They include gneiss and schist that have been intruded by younger granitic rocks. The northeast-trending Brevard fault zone forms much of the boundary between the Blue Ridge and Inner Piedmont belts.

3.0 RELEASE INFORMATION

Date Discovered: Unknown
Estimated Quantity of Release: Unknown
Cause of Release: Unknown
Source of Release: Former Dispenser Island, Associated Piping and USTs 1, 2 and 3
Size and Contents of Source: Four 4,000 gallon capacity and one 270 gallon capacity UST – Petroleum

4.0 FIELD ACTIVITIES

Prior to excavation activities, AMEC requested and received a utility walk-through from North Carolina One Call. The proximal utilities had already been located by Priority Underground Locating for the PSA activities. The local Fire Marshal and NCDENR were also notified prior to field activities.

AMEC retained EVO to perform evacuation of residual fluids from the USTs, to excavate and properly dispose the USTs, and to excavate and properly dispose of up to 20 cubic yards of potentially affected soils. AMEC provided oversight and direction during evacuation, excavation and removal activities, which were performed from November 28th to December 2nd of 2011. The photo log in **Appendix A** documents execution of the field effort.

4.1 UST Removal and Soil Excavation Activities

UST closure commenced November 28, 2011 with a vacuum truck extracting the contents of five USTs. A 2,955 gallon mixture of sludge, water and gasoline was collectively evacuated from the USTs. The USTs were rendered inert by dropping dry ice into them. The lower explosive limit (LEL) within each tank was then checked with a photoionization detector (PID) to verify safe removal. Next, the tanks were completely uncovered and removed from the ground. The UST removal confirmed the size and contents of the USTs. The actual capacities and contents are tabulated below. USTs -1 through -4 were slightly rusted and pitted but in overall good condition. Tank UST-5 was in overall good condition, and was not pitted. Tank UST-4 had previously been closed in place with foam. The fuel lines crossed over UST-4 to USTs -1 through -3. The closure date of UST-4 was December 30, 2006. The UST locations and excavation layouts are shown on **Figure 2**.

UST Identification	UST capacity in gallons	UST contents
UST-1	4,000 gal.	Gasoline
UST-2	4,000 gal.	Gasoline
UST-3	4,000 gal.	Gasoline
UST-4	4,000 gal.	Formerly Gasoline (Closed in place with Foam)
UST-5	270 gal.	#2 Fuel Oil

Field measured PID readings are shown in **Table 1**. Approximately 3,564 cubic feet of impacted soils were observed in the tank bed containing USTs -1 through -4; however, not within the separate UST-5 tank bed. The overburden associated with USTs -1 through -4 was removed from the site. The 575 cubic feet of overburden as well as the approximate 900 cubic feet of soil associated with UST-5 was identified as unimpacted based on field screening and observations, thus was used as back fill in the UST-5 excavation.

Field observations suggested that the soil located directly beneath the dispenser islands and fuel lines was also impacted in some areas. All soils that appeared to be contaminated based on PID readings or visual evidence was removed from the site. Excavation ceased based on the total soil volume reached, as directed by NCDOT. The actual quantity of soil excavated and removed for disposal was 199.67 tons.

Neither bedrock nor groundwater was encountered within the excavations. The primary final excavation was irregular in shape and depth as it combined 4 tanks, fuel lines and dispenser islands. The maximum depth of the excavation was 9 feet below ground surface (bgs). Excavated soil consisted of clayey silt that was yellow/orange to orange in color.

The USTs were transported to OmniSource Southeast in Winston-Salem, North Carolina for proper disposal and recycling. Certificates of disposal are included in **Appendix B** for the USTs and their evacuated fluids. Logs of the excavations are presented in **Appendix C.**

4.2 Soil Sampling

The site UST removal activities resulted in two excavations. The first excavation located on the western half of the parcel contained USTs -1 through -4, as well as a fuel line trench and four dispenser islands. Field screening indicated that the soil on the floor and sidewalls of this excavation was impacted in areas. The impact was most noticeable under the former dispenser islands and beneath the mid-sections of USTs -1, -2 and -3, which were noted to be in poor condition when removed. NCDOT advised AMEC personnel to stop the excavation after the overburden from the USTs, and the soil from beneath the fuel lines and dispenser islands was removed.

The second excavation located in the central portion of the site at the southwestern corner of the former building contained UST-5. Field screening suggested that this tank bed was unimpacted and therefore over excavation did not occur.

Soil sampling activities were conducted in accordance with the *UST Section Guidance Document entitled Guidelines for Site Checks, Tank Closure, and Initial Abatement for UST Releases (December 2008)*. Three UST closure samples were collected from directly under each centerline of UST 1, 2, 3 and 4. All aforementioned samples were collected at 9 feet bgs, which is within 2 feet of the bottom of the USTs. Field screening did indicate that the soil in the tank bed was impacted. One centerline sample of UST-5 was taken at 7 feet bgs, which is within 2 feet of the bottom of the UST. Field screening did not indicate that the soil in the tank bed was impacted.

Beneath the fuel lines and dispenser islands, impacted soil was detected. Five samples were collected beneath the fuel lines at depths of 3 feet bgs, generating samples identified as FL-1 through -5. Additionally one sample was collected directly under each dispenser island identified as DI-1 through 4 at a depth of 4 feet bgs. Sample locations are shown on **Figure 2**.

All of the soil samples were analyzed for volatile organic compounds (VOCs) by US EPA Method 8260B; semi-volatile organic compounds (SVOCs) by EPA Method 8270C; and volatile petroleum hydrocarbons (VPH) and extractable petroleum hydrocarbons (EPH) by the Massachusetts Department of Environmental Protection Methods (MADEP).

5.0 ANALYTICAL RESULTS

Soil sample analytical results are presented in **Tables 2** and **3** and **Figure 3. Appendix D** includes a copy of the complete laboratory analytical results for soil samples, which were analyzed for VOCs, SVOCs, VPH and EPH.

Laboratory analyses were performed on 12 centerline UST Closure samples collected from beneath the four USTs in the first excavation. Of the 12 centerline samples, seven samples reported laboratory results which exceeded MSCC standards. UST-1 reported soil-to-groundwater exceedances for UST-1-2 and UST-1-3. UST-2 reported exceedances for all three centerline samples. UST-3 reported exceedances in UST-3-2 and 3-3. UST-4 did not report any exceedances. For USTs -1, -2 and -3 the center and eastern portions of the tank were where the exceedance occurred. UST-2 also had exceedances on the western side of the UST.

Laboratory results for the sample from the second excavation, which contained UST-5, did not indicate detections of VOC, SVOC or VPH; however, detections of EPH Aromatics (C11-C22) were reported that exceeded the Soil-to-Groundwater MSCC. Although SVOC results did not report any detections; the reporting limits were high due to high levels of non-target semi-volatile constituents.

Five closure samples identified as FL-1 through FL-5 were collected under the piping and fittings leading to the former dispenser islands. Results from these five samples did not indicate detections which exceed the Soil-to-Groundwater MSCC for VOC, SVOC, VPH or EPH.

Four samples identified as DI-1 through DI-4 were collected under the dispenser islands. Results from these four samples did not report detections of VOC or SVOC. Of the aforementioned samples DI-2 is the only one to have detections for VPH and EPH to exceed the Soil-to-Groundwater MSCC standard.
.

6.0 CONCLUSIONS

AMEC has completed contracted activities for the UST closures and soil excavation at Parcel 34 located at 303 Enola Road in Morganton, North Carolina. The following conclusions are based upon AMEC's field observations and data evaluation from field efforts performed on November 28 through December 2, 2011.

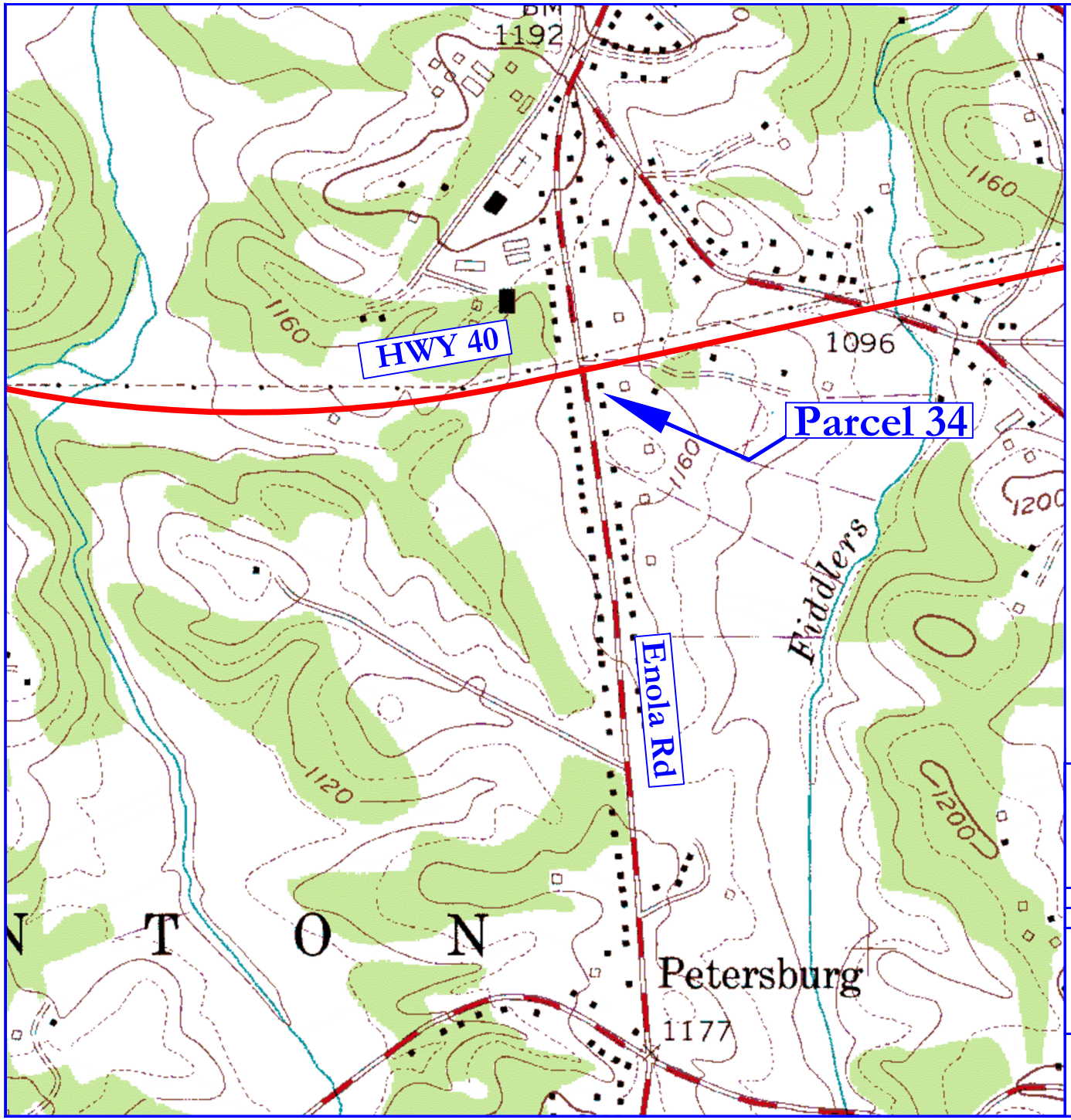
- Four 4,000-gallon tanks and one 270-gallon tank were emptied, removed and disposed. The USTs-1 through -4 were slightly rusted and pitted showing signs of leaking. Tank UST-5 did not appear to be pitted and did not show signs of leaking.
- Analyses of closure samples from beneath the USTs indicated that beneath each of the four larger USTs one or more soil sample was reported to have detections which exceed Soil-to Groundwater MSCC standards.
- Sample UST-5 did not have detections for VOC, SVOC or VPH but did display two EPH detections, with an exceedance of the Soil-to-Groundwater MSCC standard for EPH Aromatics C11-C22.
- Soils underlying the four former dispenser islands did indicate petroleum impact, however only sample DI-2 had detections that exceeded the Soil-to-Groundwater standard.

7.0 CERTIFICATION

I, Helen Corley, L.G, for AMEC of North Carolina, Inc., do certify that the information contained in this report is correct and accurate to the best of my knowledge.

FIGURES

AMEC of North Carolina, Inc.
2801 Yorkmont Road
Charlotte, NC 28208
Tel – (704) 357-5630
www.amec.com



0' 500' 1000' 1500'

1" = 1000'

7.5 Minute Quadrangle
North Carolina, 1983
Photorevised 1993

VICINITY MAP

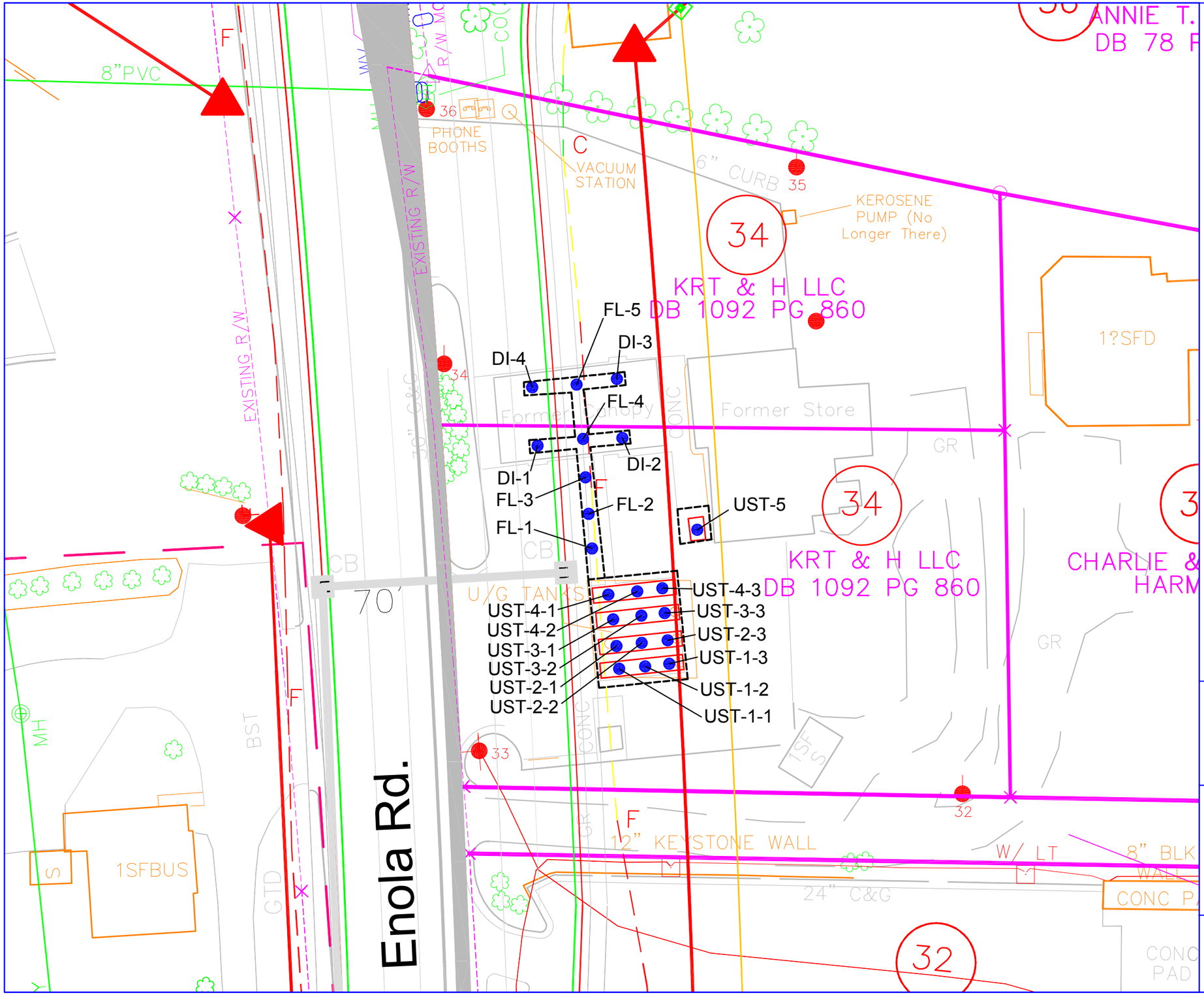
Parcel #34, KHT & H, LLC Property
(Stop N Shop 2)
Morganton, Burke County, NC

DRAWING NAME: J:\NCDOT\Burke\FIG1			DATE: 12/14/11	
SCALE: 1 INCH = 1,000 FEET	DR: TLH	CHK: HPC	REV	

PREPARED FOR:
NC Department Of Transportation
Geotechnical Unit
WBS Element: 34832.1.1
TIP# U-2551

Prepared By:
amec
2801 Yorkmont Rd.
Suite 100
Charlotte, NC 28208
(704) 357-8600

Figure:
Figure 1



LEGEND

- *Proposed Right of Way*
- *Existing Property Line*
- *Existing Right of Way*
- C — *Cut Line*
- F — *Fill Line*
- *Soil Boring Location December 2010*
- *Excavation*
- *Known UST*
- *Utility Easement*

0' 15' 30' 45'

1" = 30'

Figure 2
Parcel #34 KHT & H, LLC Property
Site Map With Sample and UST Locations

NC Department of Transportation
Geotechnical Unit
WBS Element: 34832.1.1
TIP#U-2551

amec
2801 Yorkmont Rd.
Suite 100
Charlotte, NC 28208
704-357-5616

Sample Identification	UST-2-2
Sample Depth (Feet bgs)	9
VOC by 8260 (µg/kg)	
Ethylbenzene	**9,800**
Isopropylbenzene	**2,260**
Naphthalene	**24,400**
n-Propylbenzene	**6,260**
Toluene	**12,500**
1,2,4-Trimethylbenzene	**196,000**
1,3,5-Trimethylbenzene	**75,800**
Xylene (Total)	**168,000**
m&p Xylene	**111,000**
o-Xylene	**57,300**
SVOC by 8270 (µg/kg)	
2-Methylnaphthalene	**4,410**
Naphthalene	**5,570**
MADEP EPH/VPH (mg/kg)	
Aliphatics: VPH C_5-C_8	**103**
Aliphatics: VPH C_9-C_{12}	2,200
Aliphatics: EPH C_9-C_{18}	183
Aliphatics: EPH C_{19}-C_{36}	<63.1
Aromatics: VPH C_9-C_{10}	**792**
Aromatics: EPH C_{11}-C_{22}	**101**

Sample Identification	UST-2-1
Sample Depth (Feet bgs)	9
VOC by 8260 (µg/kg)	
Benzene	**7.2**
SVOC by 8270 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
MADEP EPH/VPH (mg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	

Sample Identification	UST-1-1
Sample Depth (Feet bgs)	9
VOC by 8260 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
SVOC by 8270 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
MADEP EPH/VPH (mg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	

Sample Identification	DI-1, DI-3, DI-4
Sample Depth (Feet bgs)	4
VOC by 8260 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
SVOC by 8270 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
MADEP EPH/VPH (mg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	

Sample Identification	FL-1, FL-2, FL-3, FL-4, FL-5
Sample Depth (Feet bgs)	3
VOC by 8260 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
SVOC by 8270 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
MADEP EPH/VPH (mg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	

Sample Identification	UST-3-1, UST-4-1, UST-4-2, UST-4-3
Sample Depth (Feet bgs)	9
VOC by 8260 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
SVOC by 8270 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
MADEP EPH/VPH (mg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	

Sample Identification	UST-1-2
Sample Depth (Feet bgs)	9
VOC by 8260 (µg/kg)	
Naphthalene	**708**
SVOC by 8270 (µg/kg)	
Naphthalene	**1,260**
MADEP EPH/VPH (mg/kg)	
Aliphatics: VPH C_5-C_8	10.5
Aliphatics: VPH C_9-C_{12}	160
Aliphatics: EPH C_9-C_{18}	19.3
Aliphatics: EPH C_{19}-C_{36}	< 11.4
Aromatics: VPH C_9-C_{10}	**54.6**
Aromatics: EPH C_{11}-C_{22}	16

Sample Identification	DI-2
Sample Depth (Feet bgs)	4
VOC by 8260 (µg/kg)	
Benzene	**2,970**
n-Butylbenzene	**14,600**
sec-Butylbenzene	**3,350**
Ethylbenzene	**70,000**
Isopropylbenzene	**6,370**
Mert-tert-butyl-ether	**15,000**
Naphthalene	**22,800**
Toluene	**145,000**
1,2,4-Trimethylbenzene	**279,000**
1,3,5-Trimethylbenzene	**75,400**
Xylene (Total)	**168,000**
m&p Xylene	**111,000**
o-Xylene	**57,300**
SVOC by 8270 (µg/kg)	
2-Methylnaphthalene	**19,500**
Naphthalene	**23,800**
MADEP EPH/VPH (mg/kg)	
Aliphatics: VPH C_5-C_8	**2,810**
Aliphatics: VPH C_9-C_{12}	**11,400**
Aliphatics: EPH C_9-C_{18}	1,200
Aliphatics: EPH C_{19}-C_{36}	<365
Aromatics: VPH C_9-C_{10}	**3,260**
Aromatics: EPH C_{11}-C_{22}	**387**

Sample Identification	UST-2-3
Sample Depth (Feet bgs)	9
VOC by 8260 (µg/kg)	
Naphthalene	**672**
SVOC by 8270 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
MADEP EPH/VPH (mg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	

Sample Identification	UST-1-3
Sample Depth (Feet bgs)	9
VOC by 8260 (µg/kg)	
Naphthalene	**1,310**
Xylene (Total)	**6,880**
SVOC by 8270 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
MADEP EPH/VPH (mg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	

Sample Identification	UST-5
Sample Depth (Feet bgs)	7
VOC by 8260 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
SVOC by 8270 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
MADEP EPH/VPH (mg/kg)	
Aliphatics: VPH C_5-C_8	<3.1
Aliphatics: VPH C_9-C_{12}	<3.1
Aliphatics: EPH C_9-C_{18}	<4,830
Aliphatics: EPH C_{19}-C_{36}	11,800
Aromatics: VPH C_9-C_{10}	<3.1
Aromatics: EPH C_{11}-C_{22}	**1,890**

Sample Identification	UST-3-3
Sample Depth (Feet bgs)	9
VOC by 8260 (µg/kg)	
Benzene	**52.3**
SVOC by 8270 (µg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	
MADEP EPH/VPH (mg/kg)	
All Constituents Below Soil-to-Groundwater MSCC	

Sample Identification	UST-3-2
Sample Depth (Feet bgs)	9
VOC by 8260 (µg/kg)	
Naphthalene	**33,200**
1,2,4-Trimethylbenzene	**186,000**
1,3,5-Trimethylbenzene	**73,300**
Xylene (Total)	**77,600**
m&p Xylene	**46,600**
o-Xylene	**31,000**
SVOC by 8270 (µg/kg)	
2-Methylnaphthalene	**11,800**
Naphthalene	**10,600**
MADEP EPH/VPH (mg/kg)	
Aliphatics: VPH C_5-C_8	**162**
Aliphatics: VPH C_9-C_{12}	**3,860**
Aliphatics: EPH C_9-C_{18}	401
Aliphatics: EPH C_{19}-C_{36}	<10
Aromatics: VPH C_9-C_{10}	**1,470**
Aromatics: EPH C_{11}-C_{22}	**222**

LEGEND

- Proposed Right of Way
- Existing Property Line
- Existing Right of Way
- C — Cut Line
- F — Fill Line
- Soil Sample Location Containing Concentrations which Exceed Soil-to-Groundwater MSCC December 2011
- Soil Sample Location Not Containing Concentrations which Exceed Soil-to-Groundwater MSCC December 2011
- Excavation
- Known UST
- Utility Easement

Concentrations which exceed Soil-to-Groundwater MSCC are Bold
Concentrations which exceed Residential MSCC are **Bold and Underlined**

0' 15' 30' 45'
1" = 30'

Figure 3
Parcel #34
Site Map With Analytical Detections That Exceed MSCC

NC Department of Transportation
Geotechnical Unit
WBS Element: 34832.1.1
TIP#U-2551

amec
2801 Yorkmont Rd.
Suite 100
Charlotte, NC 28208
704-357-5616

TABLES

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
www.amec.com
Tel – (919) 447-2750
Fax – (919) 447-2751

Table 1
PID Field Screening
Parcel 34, KHT H, LLC Property
Morganton, North Carolina

SAMPLE ID	Sample Date	Comments	Sample Depth (feet bgs)	Field Screening (ppm)
P-1	11/29/2011	Southwest Corner of Tank Bed	4	0
P-2	11/29/2011	South of Tank Bed	8	25
P-3	11/29/2011	West of UST 1	4	1.5
P-4	11/29/2011	Center of UST 1	4	225
P-5	11/29/2011	East of UST 1	4	280
P-6	11/29/2011	Center of UST 2	4	1048
P-7	11/29/2011	East of UST 2	4	968
P-8	11/29/2011	West of UST 2	4	432
P-9	11/29/2011	East of UST 3	4	23
P-10	11/30/2011	UST 1 - 1 (Closure Sample)	9	21.7
P-11	11/30/2011	UST 1 - 2 (Closure Sample)	9	90.1
P-12	11/30/2011	UST 1 - 3 (Closure Sample)	9	35.6
P-13	11/30/2011	UST 2 - 1 (Closure Sample)	9	12.5
P-14	11/30/2011	UST 2 - 2 (Closure Sample)	9	1081
P-15	11/30/2011	UST 2 - 3 (Closure Sample)	9	52.8
P-16	11/30/2011	UST 3 - 1 (Closure Sample)	9	5.9
P-17	11/30/2011	UST 3 - 2 (Closure Sample)	9	556
P-18	11/30/2011	UST 3 - 3 (Closure Sample)	9	35.1
P-19	11/30/2011	UST 4 - 1 (Closure Sample)	9	16.6
P-20	11/30/2011	UST 4 - 2 (Closure Sample)	9	8
P-21	11/30/2011	UST 4 - 3 (Closure Sample)	9	6.6
P-22	11/30/2011	West of UST 5	3	0
P-23	11/30/2011	West of UST 5	6	0
P-24	11/30/2011	South Of UST 5	3	0
P-25	11/30/2011	South Of UST 5	6	0
P-26	11/30/2011	East of UST 5	3	0
P-27	11/30/2011	East of UST 5	6	0
P-28	11/30/2011	North of UST 5	3	0
P-29	11/30/2011	North of UST 5	6	0
P-30	11/30/2011	UST 5 (Closure Sample)	7	0
P-31	11/30/2011	FL-1	3	5.6
P-32	11/30/2011	FL-2	3	0.2
P-33	11/30/2011	FL-3	3	6.2
P-34	11/30/2011	FL-4	3	0.7
P-35	11/30/2011	FL-5	3	1.7
P-36	11/30/2011	DI-1	4	14.8
P-37	11/30/2011	DI-2	4	1080
P-38	11/30/2011	DI-3	4	1970
P-39	11/30/2011	DI-4	4	277

Notes: PPM = Parts Per Million

Table 1
PID Field Screening
Parcel 34, KHT H, LLC Property
Morganton, North Carolina

SAMPLE ID	Sample Date	Comments	Sample Depth (feet bgs)	Field Screening (ppm)
P-1	11/29/2011	Southwest Corner of Tank Bed	4	0
P-2	11/29/2011	South of Tank Bed	8	25
P-3	11/29/2011	West of UST 1	4	1.5
P-4	11/29/2011	Center of UST 1	4	225
P-5	11/29/2011	East of UST 1	4	280
P-6	11/29/2011	Center of UST 2	4	1048
P-7	11/29/2011	East of UST 2	4	968
P-8	11/29/2011	West of UST 2	4	432
P-9	11/29/2011	East of UST 3	4	23
P-10	11/30/2011	UST 1 - 1 (Closure Sample)	9	21.7
P-11	11/30/2011	UST 1 - 2 (Closure Sample)	9	90.1
P-12	11/30/2011	UST 1 - 3 (Closure Sample)	9	35.6
P-13	11/30/2011	UST 2 - 1 (Closure Sample)	9	12.5
P-14	11/30/2011	UST 2 - 2 (Closure Sample)	9	1081
P-15	11/30/2011	UST 2 - 3 (Closure Sample)	9	52.8
P-16	11/30/2011	UST 3 - 1 (Closure Sample)	9	5.9
P-17	11/30/2011	UST 3 - 2 (Closure Sample)	9	556
P-18	11/30/2011	UST 3 - 3 (Closure Sample)	9	35.1
P-19	11/30/2011	UST 4 - 1 (Closure Sample)	9	16.6
P-20	11/30/2011	UST 4 - 2 (Closure Sample)	9	8
P-21	11/30/2011	UST 4 - 3 (Closure Sample)	9	6.6
P-22	11/30/2011	West of UST 5	3	0
P-23	11/30/2011	West of UST 5	6	0
P-24	11/30/2011	South Of UST 5	3	0
P-25	11/30/2011	South Of UST 5	6	0
P-26	11/30/2011	East of UST 5	3	0
P-27	11/30/2011	East of UST 5	6	0
P-28	11/30/2011	North of UST 5	3	0
P-29	11/30/2011	North of UST 5	6	0
P-30	11/30/2011	UST 5 (Closure Sample)	7	0
P-31	11/30/2011	FL-1	3	5.6
P-32	11/30/2011	FL-2	3	0.2
P-33	11/30/2011	FL-3	3	6.2
P-34	11/30/2011	FL-4	3	0.7
P-35	11/30/2011	FL-5	3	1.7
P-36	11/30/2011	DI-1	4	14.8
P-37	11/30/2011	DI-2	4	1080
P-38	11/30/2011	DI-3	4	1970
P-39	11/30/2011	DI-4	4	277

Notes: PPM = Parts Per Million

Table 2
Soil Analytical Data
Volatile Organic Compounds
Parcel 34, Former KHT H Property
Morganton, North Carolina

Sample ID Number	Sample Date	Sample Depth (ft bgs)	VOC 8260b (µg/kg)																
			Acetone	Benzene	n-Butylbenzene	sec-Butylbenzene	2-Chlorotoluene	Diisopropyl ether	Ethylbenzene	Isopropylbenzene	p-Isopropyltoluene	Mert-tert-butyl-ether	Naphthalene	n-Propylbenzene	Toluene	1,2,4-Trimethylbenzene	1,3,5-Trimethylbenzene	Xylene (Total)	m&p Xylene	o-Xylene
Industrial/Commercial MSCC			*360,000,000*	*164,000*	*16,350,000*	*16,350,000*	*NE*	*4,088,000*	*40,000,000*	*40,880,000*	*NE*	*3,100,000*	*8,176,000*	*16,350,000*	*32,000,000*	*20,440,000*	*20,440,000*	*81,760,000*	*81,760,000*	*81,760,000*
Residential MSCC			*14,000,000*	*18,000*	*626,000*	*626,000*	*NE*	*156,000*	*1,560,000*	*1,564,000*	*NE*	*350,000*	*313,000*	*626,000*	*1,200,000*	*782,000*	*782,000*	*3,129,000*	*3,129,000*	*3,129,000*
Soil-to-Groundwater MSCC			*24,000*	*5.6*	*4,300*	*3,300*	*NE*	*370*	*4,900*	*1,700*	*NE*	*91*	*160*	*1,700*	*4,300*	*8,500*	*8,300*	*4,600*	*4,600*	*4,600*
UST-1-1	11/30/2011	9	<116	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<5.8	<11.6	<11.6	<5.8
UST-1-2	11/30/2011	9	<5100	<255	<255	<255	<255	<255	346	<255	<255	<255	**708**	<255	581	2,640	833	3,090	1,970	1,120
UST-1-3	11/30/2011	9	<4,650	<233	<233	<233	<233	<233	736	<233	<233	<233	**1,310**	460	1,000	5,040	1,620	**6,880**	4,370	2,510
UST-2-1	11/30/2011	9	<82.4	**7.2**	<4.1	<4.1	<4.1	<4.1	30.6	5.9	16.2	<4.1	88.8	22.9	45.4	627	146	372	230	143
UST-2-2	11/30/2011	9	<8,790	<440	<440	<440	<440	<440	**9,800**	**2,260**	9,450	<440	**24,400**	**6,260**	**12,500**	**196,000**	**75,800**	**168,000**	**111,000**	**57,300**
UST-2-3	11/30/2011	9	<3,940	<197	<197	<197	<197	<197	<197	<197	<197	<197	**672**	<197	<197	1,220	525	759	440	319
UST-3-1	11/30/2011	9	<91.3	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	7.1	39	13.4	55.3	32.6	22.7
UST-3-2	11/30/2011	9	<4,720	<236	<236	<236	<236	<236	1,300	295	9,000	<236	**33,200**	459	2,320	**186,000**	**73,300**	**77,600**	**46,600**	**31,000**
UST-3-3	11/30/2011	9	167	**52.3**	<4.5	<4.5	<4.5	8.7	51.7	7.9	19.9	5.1	128	28	114	1,030	144	447	275	171
UST-4-1	11/30/2011	9	<95	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	18.7	<4.7	9.7	50.7	17.4	36	22.5	13.5
UST-4-2	11/30/2011	9	<107	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	<5.4	20.2	<5.4	11.9	82.7	31	50.5	27	23.5
UST-4-3	11/30/2011	9	<91.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	4.8	6.4	<4.6	11	<9.2	4.7
UST-5	11/30/2011	7	457	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<4.6	<9.2	<9.2	<4.6
FL-1	11/30/2011	3	<100	5.4	<5.0	<5.0	<5.0	<5.0	6.3	<5.0	<5.0	<5.0	9.3	<5.0	32.4	26	8.2	78.4	50.1	28.3
FL-2	11/30/2011	3	<102	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<5.1	<10.2	<10.2	<5.1
FL-3	11/30/2011	3	<119	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<6.0	<11.9	<11.9	<6.0
FL-4	11/30/2011	3	<94.3	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<4.7	<9.4	<9.4	<4.7
FL-5	11/30/2011	3	<114	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<5.7	<11.4	<11.4	<5.7
DI-1	11/30/2011	4	<104	<5.2	,5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	36.8	12.5	20.6	<10.4	12.9
DI-2	11/30/2011	4	<22,600	**2,970**	**14,600**	**3,350**	17,900	<1,130	**70,000**	**6,370**	7,610	**15,000**	**22,800**	<1,300	**145,000**	**279,000**	**75,400**	**438,000**	**303,000**	**135,000**
DI-3	11/30/2011	4	<104	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<5.2	<10.4	<10.4	<5.2
DI-4	11/30/2011	4	<121	**38.2**	141	19	<6.1	<6.1	644	33.9	39.5	<6.1	126	152	1,280	3,540	933	3,450	2,370	1,080

NOTES:
(µg/kg) = Micrograms per kilogram
MSCC = Maximum soil contaminant concentration (MSCC from January 2010)
NE - Not established
VOC = Volatile organic compounds
SVOC = Semivolatile organic compounds
J = Analyte was detected, but at a concentration below the laboratory reporting limit
ft bgs = feet below ground surface
Concentrations which exceed the Soil-to-Groundwater MSCC are highlighted in **BOLD**
Concentrations which exceed the Residential MSCC are highlighted in **BOLD** and Underlined
Concentrations which exceed the Industrial/Commercial MSCC are highlighed in **BOLD**, Underlined and Shaded Gray

Table 3
Soil Analytical Data
Semi Volatile Organic Compounds
Parcel 34, Former KHT H Property
Morganton, North Carolina

Sample ID Number	Sample Date	Sample Depth (ft bgs)	SVOC 8270 (µg/kg)									
			Benzo (a) anthracene	Benzo (a) Pyrene	Benzo (b) fluoranthene	Benzo (k) fluoranthene	Chrysene	Di-n-octylphthalate	Fluoranthene	1-Methylnaphthalene	2-Methylnaphthalene	Naphthalene
Industrial/Commercial MSCC			*8,000*	*780*	*8,000*	*78,000*	*780,000*	*NE*	*16,400,000*	*NE*	*1,635,000*	*8,176,000*
Residential MSCC			*880*	*88*	*880*	*9,000*	*88,000*	*NE*	*620,000*	*NE*	*63,000*	*313,000*
Soil-to-Groundwater MSCC			*350*	*96*	*1,200*	*12,000*	*39,000*	*NE*	*290,000*	*NE*	*3,600*	*160*
UST-1-1	11/30/2011	9	<417	<417	<417	<417	<417	<417	<417	<417	<417	<417
UST-1-2	11/30/2011	9	<380	<380	<380	<380	<380	<380	<380	508	979	**1,260**
UST-1-3	11/30/2011	9	<381	<381	<381	<381	<381	<381	<381	<381	<381	<381
UST-2-1	11/30/2011	9	<369	<369	<369	<369	<369	<369	<369	<369	<369	<369
UST-2-2	11/30/2011	9	<419	<419	<419	<419	<419	<419	<419	2,320	**4,410**	**5,570**
UST-2-3	11/30/2011	9	<376	<376	<376	<376	<376	<376	<376	<376	<376	<376
UST-3-1	11/30/2011	9	<390	<390	<390	<390	<390	<390	<390	<390	<390	<390
UST-3-2	11/30/2011	9	<3,820	<3,820	<3,820	<3,820	<3,820	<3,820	<3,820	6,100	**11,800**	**10,600**
UST-3-3	11/30/2011	9	<382	<382	<382	<382	<382	<382	<382	<382	395	<382
UST-4-1	11/30/2011	9	<365	<365	<365	<365	<365	<365	433	<365	<365	<365
UST-4-2	11/30/2011	9	<361	<361	<361	<361	<361	<361	<361	<361	<361	<361
UST-4-3	11/30/2011	9	**577**	573	636	637	626	457	<370	<370	<370	<370
UST-5	11/30/2011	7	<19,900	<19,900	<19,900	<19,900	<19,900	<19,900	<19,900	<19,900	<19,900	<19,900
FL-1	11/30/2011	3	<432	<432	<432	<432	<432	<432	<432	<432	<432	<432
FL-2	11/30/2011	3	<435	<435	<435	<435	<435	<435	<435	<435	<435	<435
FL-3	11/30/2011	3	<460	<460	<460	<460	<460	<460	<460	<460	<460	<460
FL-4	11/30/2011	3	<421	<421	<421	<421	<421	<421	<421	<421	<421	<421
FL-5	11/30/2011	3	<438	<438	<438	<438	<438	<438	<438	<438	<438	<438
DI-1	11/30/2011	4	<459	<459	<459	<459	<459	<459	<459	<459	<459	<459
DI-2	11/30/2011	4	<477	<477	<477	<477	<477	<477	<477	8,210	**19,500**	**23,800**
DI-3	11/30/2011	4	<436	<436	<436	<436	<436	<436	<436	<436	<436	<436
DI-4	11/30/2011	4	<499	<499	<499	<499	<499	<499	<499	<499	<499	<499

NOTES:
(µg/kg) = Micrograms per kilogram
MSCC = Maximum soil contaminant concentration (MSCC from January 2010)
NE - Not established
VOC = Volatile organic compounds
SVOC = Semivolatile organic compounds
J = Analyte was detected, but at a concentration below the laboratory reporting limit
ft bgs = feet below ground surface
Concentrations which exceed the Soil-to-Groundwater MSCC are highlighted in **BOLD**
Concentrations which exceed the Residential MSCC are highlighted in **BOLD** and Underlined
Concentrations which exceed the Industrial/Commercial MSCC are highlighted in **BOLD**, Underlined and Shaded Gray

Table 4
Soil Analytical Data
Volatile Petroleum Hydrocarbons/Extractable Petroleum Hydrocarbons
Parcel 34, Former KHT H Property
Morganton, North Carolina

Sample ID Number	Sample Date	Sample Depth (ft bgs)	Aliphatics (mg/kg)				Aromatics (mg/kg)	
			VPH C5-C8	VPH C9-C12	EPH C9-C18	EPH C19-C36	VPH C9-C10	EPH C11-C22
Industrial/Commercial MSCC			*24,528*	*245,280*		*>100%*	*12,264*	
Residential MSCC			*939*	*9,386*		*93,860*	*469*	
Soil-to-Groundwater MSCC			*72*	*3,300*		*Immobile*	*34*	
UST-1-1	11/30/2011	9	< 3.4	<3.4	<12.5	<12.5	<3.4	<12.5
UST-1-2	11/30/2011	9	10.5	160.0	19.3	<11.4	**54.6**	16.0
UST-1-3	11/30/2011	9	3.4	43.8	<11.2	<11.2	11.7	<11.2
UST-2-1	11/30/2011	9	2.6	26.6	<11.4	<11.4	8.5	<11.4
UST-2-2	11/30/2011	9	**103.0**	2,200	183.0	<63.1	**792.0**	**101.0**
UST-2-3	11/30/2011	9	5.5	49.7	13.8	<11.5	18.5	<11.5
UST-3-1	11/30/2011	9	< 2.7	<2.7	<11.9	<11.9	<2.7	<11.9
UST-3-2	11/30/2011	9	**162.0**	**3,860**	401.0	<10	**1,470**	**222.0**
UST-3-3	11/30/2011	9	< 3.2	<3.2	<11.6	<11.6	<3.2	<11.6
UST-4-1	11/30/2011	9	< 2.7	5.3	<11.1	<11.1	<2.7	<11.1
UST-4-2	11/30/2011	9	< 2.8	30.9	<11.1	<11.1	10.4	<11.1
UST-4-3	11/30/2011	9	< 3.2	<3.2	<11.2	<11.2	<3.2	<11.2
UST-5	11/30/2011	7	< 3.1	<3.1	<4,830	11,800	<3.1	**1,890**
FL-1	11/30/2011	3	< 3.5	<3.5	<13.4	<13.4	<3.5	<13.4
FL-2	11/30/2011	3	< 3.9	<3.9	<13.3	<13.3	<3.9	<13.3
FL-3	11/30/2011	3	< 4.0	<4.0	<13.7	<13.7	<4.0	<13.7
FL-4	11/30/2011	3	< 3.1	<3.1	<12.9	<12.9	<3.1	<12.9
FL-5	11/30/2011	3	< 3.8	< 3.8	< 13.4	<13.4	< 3.8	< 13.4
DI-1	11/30/2011	4	< 3.7	<3.7	<13.6	<13.6	<3.7	<13.6
DI-2	11/30/2011	4	**2,810**	**11,400**	1,200	<365	**3,260**	**387.0**
DI-3	11/30/2011	4	< 3.7	<3.7	<13.2	<13.2	<3.7	<13.2
DI-4	11/30/2011	4	31.7	97.5	17.1	<15.1	22.2	<15.1

NOTES:
VPH = Volatile petroleum hydrocarbons
MSCC = Maximum soil contaminant concentration
EPH = Extractable petroleum hydrocarbons
ft bgs = feet below land surface
(mg/kg) = milligrams per kilogram
Concentrations which exceed the Soil-to-Groundwater MSCC are highlighted in **BOLD**
Concentrations which exceed the Residential MSCC are highlighted in **BOLD** and Underlined
Concentrations which exceed the Industrial/Commercial MSCC are highlighted in **BOLD**, Underlined and Shaded Gray

APPENDIX A

PHOTO LOG

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
www.amec.com
Tel – (919) 447-2750
Fax – (919) 447-2751

Photo 1

Site prior to excavation activities .

Photo 2

Jack Hammer fitting on skid steer breaking up concrete before removing.

Photo 3

Vacuum truck extracting contents from USTs.

Photo 4

Loading contaminated soil onto trucks.

Photo 5

Pressure washing the inside of UST 1 trying to get the LEL lowered.

Photo 6

Adding dry ice to lower oxygen levels inside UST.

Photo 7

Bottom of UST stained with Product.

Photo 8

Loading USTs onto flat bed truck.

Photo 9

UST-5 being removed.

Photo 10

Excavation from fuel lines and dispenser islands.

Photo 11

Safety measures taken during excavation activies.

Photo 12

Site after backfill and grading.

APPENDIX B

MANIFESTS AND DISPOSAL CERTIFICATES

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
Tel – (919) 447-2750
Fax – (919) 447-2751
www.amec.com

85706932

TICKET NUMBER

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.®

WEIGH WHAT WE SAY OR WE PAY®

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, OR
(2) A representative of CAT Scale Company will appear in court WITH the driver as an expert witness if we believe our scale was correct.

CAT SCALE COLLECTOR CARD INSIDE!

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

DATE: 11-29-2011

1151
85706932

SCALE 456

LOCATION: WILKESBSS
I-40 EXIT 133
CONOVER NC

PUBLIC WEIGHTMASTER'S CERTIFICATE OF WEIGHT & MEASURE

STEER AXLE	9560	lb
DRIVE AXLE	27560	lb
TRAILER AXLE	33540	lb
* GROSS WEIGHT	70660	lb

NORTH CAROLINA
PUBLIC WEIGHTMASTER
LICENSE EXPIRE JUNE 30, 2012
SHERRY CLARK 3576

IMPRINT SEAL HERE (IF APPLICABLE)

INVALID UNLESS SIGNED

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

Morganton NC Job# 111144 MKP

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED: FREIGHT ALL KINDS

COMPANY: EVO

TRACTOR #: 202 TRAILER #: 316

WEIGH NUMBER: 67322

FEE: $9.50

WEIGHMASTER OR WEIGHER SIGNATURE: JOSH KASNICK

FULL WEIGH TICKET # (IF REWEIGH):

STOMER COPY

DRIVER IN TRUCK UNLESS CHECKED HERE: ___

85706947
TICKET NUMBER

CAT SCALE

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.®

CAT SCALE COLLECTOR CARD INSIDE!

WEIGH WHAT WE SAY OR WE PAY®

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, **OR**
(2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

DATE: Job#111144 Mocksville, NC
11-29-2011

1418
85706947

SCALE 456
LOCATION: WILCOHESS
I-40 EXIT 133
CONOVER NC

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

STEER AXLE	10380	lb
DRIVE AXLE	33140	lb
TRAILER AXLE	32620	lb
*GROSS WEIGHT	76140	lb

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2012
SHERRY CLARK 05176

IMPRINT SEAL HERE (IF APPLICABLE)

INVALID UNLESS SIGNED

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED: FREIGHT ALL KINDS

COMPANY: EVO

TRACTOR #: 208

TRAILER #: 317

WEIGHMASTER OR WEIGHER SIGNATURE: Lisa Rasnick
LISA RASNICK

FULL WEIGH TICKET # (IF REWEIGH):

WEIGH NUMBER
6947

FEE $9.50

DRIVER IN TRUCK UNLESS CHECKED HERE: ___

USTOMER COPY

85706946
TICKET NUMBER

CAT SCALE COLLECTOR CARD INSIDE!

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.®

WEIGH WHAT WE SAY OR WE PAY®

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, **OR**
(2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

DATE: 11-29-2011

1402
85706946

SCALE 456
LOCATION: WILCOHESS
I-40 EXIT 133
CONOVER NC

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

STEER AXLE	10440	lb
DRIVE AXLE	33420	lb
TRAILER AXLE	35220	lb
* GROSS WEIGHT	79080	lb

NORTH CAROLINA
PUBLIC WEIGHMASTER
EXPIRES JUNE 30 2012
SHERRY CLARK 35176

IMPRINT SEAL HERE
LICENSE (IF APPLICABLE)

INVALID UNLESS SIGNED

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

Job # 111144

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED: FREIGHT ALL KINDS

COMPANY: EVO

TRACTOR #: 207 TRAILER #: 311

WEIGH NUMBER: 69146

FEE $9.50

WEIGHMASTER OR WEIGHER SIGNATURE: LISA RASNICK

FULL WEIGH TICKET # (IF REWEIGH):

CUSTOMER COPY

DRIVER IN TRUCK UNLESS CHECKED HERE: ___

85706982
TICKET NUMBER

CAT SCALE

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.®

CAT SCALE COLLECTOR CARD INSIDE!

WEIGH WHAT WE SAY OR WE PAY®

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, **OR**
(2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

DATE: 11-30-2011

1008
85706982

SCALE 456
LOCATION: WILCOHESS
I-40 EXIT 133
CONOVER NC

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

STEER AXLE	10420 lb
DRIVE AXLE	33540 lb
TRAILER AXLE	35540 lb
* GROSS WEIGHT	79560 lb

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2012
CARD ISSUED 35178
INVALID UNLESS SIGNED

(IMPRINT SEAL HERE IF APPLICABLE)

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

Job # 111144

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED: FREIGHT ALL KINDS

COMPANY: EVO

TRACTOR #: 207

TRAILER #: 911

WEIGH NUMBER: 6946

FEE $1.00

WEIGHMASTER OR WEIGHER SIGNATURE: Lisa Rasnick
LISA RASNICK

FULL WEIGH TICKET # (IF REWEIGH): 85706946

STOMER COPY

DRIVER IN TRUCK UNLESS CHECKED HERE: ___

85707029
TICKET NUMBER

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

CAT SCALE COLLECTOR CARD INSIDE!

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.®

WEIGH WHAT WE SAY OR WE PAY®

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, **OR**
(2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

DATE: 11-30-2011

1752
85707029

SCALE 456
LOCATION: WILCOHESS
I-40 EXIT 133
CONOVER NC

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

STEER AXLE	10000 lb
DRIVE AXLE	34000 lb
TRAILER AXLE	32980 lb
* GROSS WEIGHT	76980 lb

NORTH CAROLINA PUBLIC WEIGHMASTER
LICENSE ... JUNE 30, 2012
MARIE PFAU 36078
INVALID UNLESS SIGNED
IMPRINT SEAL HERE (IF APPLICABLE)

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

111149 Morganton, N.C

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED: FREIGHT ALL KINDS

COMPANY: EVO TRACTOR # 206 TRAILER # 315

WEIGH NUMBER
7006

FEE $1.00 WEIGHMASTER OR WEIGHER SIGNATURE [signature] MARIE PFAU FULL WEIGH TICKET # (IF REWEIGH) 85707006

ISTOMER COPY

DRIVER IN TRUCK UNLESS CHECKED HERE: ___

85706983
TICKET NUMBER

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.®

WEIGH WHAT WE SAY OR WE PAY®

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, OR
(2) A representative of CAT Scale Company will appear in court WITH the driver as an expert witness if we believe our scale was correct.

CAT SCALE COLLECTOR CARD INSIDE!

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

111144 204/317 Inv

DATE: 11-30-2011

1026
85706983

SCALE 456

LOCATION: WILCOHESS
I-40 EXIT 133
CONOVER NC

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

STEER AXLE	9680	lb
DRIVE AXLE	33720	lb
TRAILER AXLE	33840	lb
*GROSS WEIGHT	76740	lb

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE EXPIRES JUNE 30, 2012
DAVID OSBORNE 25176

IMPRINT SEAL HERE (IF APPLICABLE)

INVALID UNLESS SIGNED

FREIGHT ALL KINDS
LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED

EVO
COMPANY

20
TRACTOR #

317
TRAILER #

WEIGH NUMBER
6743

FEE $9.50

WEIGHMASTER OR WEIGHER SIGNATURE

LISA RASWICK

FULL WEIGH TICKET # (IF REWEIGH)

DRIVER IN TRUCK UNLESS CHECKED HERE: ___

USTOMER COPY

85707007
TICKET NUMBER

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.©

WEIGH WHAT WE SAY OR WE PAY®

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, **OR**
(2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

CAT SCALE COLLECTOR CARD INSIDE!

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

DATE: 11-30-2011

1353
85707007

SCALE 456

LOCATION: WILCOHESS
I-40 EXIT 133
CONOVER NC

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

STEER AXLE	10120 lb
DRIVE AXLE	32760 lb
TRAILER AXLE	35260 lb
* GROSS WEIGHT	78140 lb

IMPRINT SEAL HERE (IF APPLICABLE)
NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE EXPIRES JUNE 30, 2012 36275
INVALID UNLESS SIGNED

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

Job # 111144

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED: FREIGHT ALL KINDS

COMPANY: EVD

TRACTOR #: 207 TRAILER #: 311

WEIGH NUMBER 6946

FEE $1.00

WEIGHMASTER OR WEIGHER SIGNATURE

FULL WEIGH TICKET # (IF REWEIGH): 85706946

STOMER COPY

DRIVER IN TRUCK UNLESS CHECKED HERE: ☐

85707006
TICKET NUMBER

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.®

WEIGH WHAT WE SAY OR WE PAY®

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, **OR**
(2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

CAT SCALE COLLECTOR CARD INSIDE!

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

DATE: 11-30-2011

1352
85707006

SCALE 456

LOCATION: WILCOXESS
I-40 EXIT 133
CONOVER NC

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

STEER AXLE	9720 lb
DRIVE AXLE	35040 lb
TRAILER AXLE	36700 lb
*GROSS WEIGHT	81460 lb

IMPRINT SEAL HERE (IF APPLICABLE)

NORTH CAROLINA PUBLIC WEIGHMASTER LICENSE SUPPLEMENT PROPERTY OF CAT SCALE EXPIRES JUNE 30 2012 INVALID UNLESS SIGNED

WEIGH NUMBER
7006

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

11149 Morganton

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED: FREIGHT ALL KINDS

COMPANY: EVO

TRACTOR #: 206 TRAILER #: 315

FEE $9.50

WEIGHMASTER OR WEIGHER SIGNATURE: [signature] DRIVER

FULL WEIGH TICKET # (IF REWEIGH):

DRIVER IN TRUCK UNLESS CHECKED HERE: ___

CUSTOMER COPY

85707011
TICKET NUMBER

CERTIFIED AUTOMATED TRUCK SCALE

CAT SCALE COMPANY
P.O. BOX 630
WALCOTT, IA 52773
(563) 284-6263
www.catscale.com

THE CAT SCALE GUARANTEE

The CAT Scale Company guarantees that our scales will give an accurate weight. What makes us different from other scale companies is that we back up our guarantee with cash.®

WEIGH WHAT WE SAY OR WE PAY®

If you get an overweight fine from the state AFTER one of our CAT Scales showed a legal weight, we will immediately check our scale and we will:

(1) Reimburse you for the cost of the overweight fine if our scale is wrong, **OR**
(2) A representative of CAT Scale Company will appear in court **WITH** the driver as an expert witness if we believe our scale was correct.

CAT SCALE COLLECTOR CARD INSIDE!

IF YOU SHOULD GET AN OVERWEIGHT FINE, YOU SHOULD DO THE FOLLOWING TO GET THE PROBLEM RESOLVED:

1) Post bond and request a court date.
2) Call CAT Scale Company direct 24 hours a day at 1-877-CAT-SCALE (Toll Free).
3) **IMMEDIATELY** send a copy of the citation, CAT Scale Ticket, your name, company, address, and phone number to CAT Scale Company Attn: Guarantee Department.

*The four weights shown below are separate weights. The GROSS WEIGHT is the CERTIFIED WEIGHT and was weighed on a full length platform scale. All weights are guaranteed by CAT Scale.

111144 204/317 [handwritten initials]

DATE:	11-30-2011	STEER AXLE	9600 lb
		DRIVE AXLE	33460 lb
SCALE	456	TRAILER AXLE	33560 lb
LOCATION:	WILCOHESS I-40 EXIT 133 CONOVER NC	*GROSS WEIGHT	76620 lb

1413
85707011

PUBLIC WEIGHMASTER'S CERTIFICATE OF WEIGHT & MEASURE

NORTH CAROLINA
PUBLIC WEIGHMASTER
LICENSE ... 30, 2012
ROBERT GR... 36275
IMPRINT SEAL HERE (IF APPLICABLE)
INVALID UNLESS SIGNED

This is to certify that the following described merchandise was weighed, counted, or measured by a public or deputy weighmaster, and when properly signed and sealed shall be prima facia evidence of the accuracy of the weight shown as prescribed by law.

LIVESTOCK, PRODUCE, PROPERTY, COMMODITY, OR ARTICLE WEIGHED: FREIGHT ALL KINDS

COMPANY: EVO   TRACTOR #: 204   TRAILER #: 317

WEIGH NUMBER
6983

FEE $1.00   WEIGHMASTER OR WEIGHER SIGNATURE: [signature] LISA RASNICK   FULL WEIGH TICKET # (IF REWEIGH): 85706983

STOMER COPY

DRIVER IN TRUCK UNLESS CHECKED HERE: ___

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 72352

GENERATOR INFORMATION

Generator: NCDOT Phone: 704-307-1233
Site Address: 303 Enola Road
City/State: Morganton, NC Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 70660 Material: Soil
Empty Weight (lbs): 33180 Contaminant: Gasoline
Net Weight (lbs): 37480

Quantity 18.74 (Tons) Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 202\316 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: [signature] Date: 11-29-11

FACILITY INFORMATION

111144

Evo Project #: _____

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: [signature] Date: 11/29/11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 72351

GENERATOR INFORMATION

Generator: NCDOT Phone: 704-307-1233
Site Address: 303 Enola Road
City/State: Morganton, NC Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 76,140 Material: Soil
Empty Weight (lbs): 32,460 Contaminant: Gasoline
Net Weight (lbs): 43,680

Quantity 21.84 (Tons) Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 208/317 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: [signature] Date: 11-29-11

FACILITY INFORMATION

Evo Project #: 111144

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844
Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: [signature] Date: 11/29/11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 72350

GENERATOR INFORMATION

Generator: NCDOT Phone: 704-307-1233
Site Address: 303 Enola Road
City/State: Morganton, NC Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 79080 Material: Soil
Empty Weight (lbs): 34400 Contaminant: Gasoline
Net Weight (lbs): 44680

Quantity 22.34 Tons Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 207 / 311 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Jim Gleek Date: 11/29/11

FACILITY INFORMATION

111144

Evo Project #: _____

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Tony Disher Date: 11/29/11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 72368

GENERATOR INFORMATION

Generator: NCDOT Phone: 704-307-1233
Site Address: 303 Enola Road
City/State: Morganton, NC Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 79560 Material: Soil
Empty Weight (lbs): 34400 Contaminant: Gasoline
Net Weight (lbs): 45160

Quantity 22.58 Tons Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 207/311 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: [signature] Date: 11/30/11

FACILITY INFORMATION

111144

Evo Project #: _____

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: [signature] Date: 11/30/11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load # Manifest No. 72372

GENERATOR INFORMATION

Generator: NCDOT Phone: 704-307-1233
Site Address: 303 Enola Road
City/State: Morganton, NC Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 76.980 Material: Soil
Empty Weight (lbs): 31.560 Contaminant: Gasoline
Net Weight (lbs): 45.420

Quantity 22.71 (Tons) Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 206 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Pat Date: 11-30-11

FACILITY INFORMATION

111144

Evo Project #: _____

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844
Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: Tony Disher Date: 11-30-2011

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 72370

GENERATOR INFORMATION

Generator: NCDOT

Phone: 704-307-1233

Site Address: 303 Baola Road

City/State: Morganton, NC

Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 76740

Material: Soil

Empty Weight (lbs): 32040

Contaminant: Gasoline

Net Weight (lbs): 44700

Quantity: 22.35 (Tons) Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation

Phone: 336-725-5844

Truck #: 204/317

Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Jw L Mye

Date: 11-30-11

FACILITY INFORMATION

111144

Evo Project #: _____

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature:

Date: 11-30-11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 72369

GENERATOR INFORMATION

Generator: NCDOT

Phone: 704-307-1233

Site Address: 303 Enola Road

City/State: Morganton, NC

Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 78140

Material: Soil

Empty Weight (lbs): 34400

Contaminant: Gasoline

Net Weight (lbs): 43740

Quantity: 21.87 (Tons) Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation

Phone: 336-725-5844

Truck #: 207/311

Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: Jeri Shaw

Date: 11/30/11

FACILITY INFORMATION

111144

Evo Project #: _____

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: _____

Date: 11-30-11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 72373

GENERATOR INFORMATION

Generator: NCDOT

Phone: 704-307-1233

Site Address: 303 Enola Road

City/State: Morganton, NC

Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 81,460

Material: Soil

Empty Weight (lbs): 31560

Contaminant: Gasoline

Net Weight (lbs): 49900

Quantity: 24.95 (Tons) Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation

Phone: 336-725-5844

Truck #: 206

Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature:

Date: 11-30-11

FACILITY INFORMATION

111144

Evo Project #:

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature:

Date: 11-30-11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load #

Manifest No. 72371

GENERATOR INFORMATION

Generator: NCDOT

Phone: 704-307-1233

Site Address: 303 Enola Road

City/State: Morganton, NC

Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): 76620

Material: Soil

Empty Weight (lbs): 32040

Contaminant: Gasoline

Net Weight (lbs): 44580

Quantity: 22.29

(Tons) Drums Pails Sacs Yards Other: _____

TRANSPORTER INFORMATION

Transporter: Evo Corporation

Phone: 336-725-5844

Truck #: 204/317

Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: [signature]

Date: 11-30-11

FACILITY INFORMATION

111144

Evo Project #: _____

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844

Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: [signature]

Date: 11-30-11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load # _____ Manifest No. 72367

GENERATOR INFORMATION

Generator: NCDOT Phone: 704-307-1233
Site Address: 303 Enola Road
City/State: Morganton, NC Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): _____ Material: Sludge
Empty Weight (lbs): _____ Contaminant: Gas, Waste Oil
Net Weight (lbs): _____

Quantity 2725 Tons Drums Pails Sacs Yards (Other:) Gal

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 402 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: _____ Date: 11/29/11

FACILITY INFORMATION

111144
Evo Project #: _____

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844
Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: _____ Date: 11/29/11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

EVO CORPORATION

1703 Vargrave Street, Winston-Salem, NC 27107
www.evocorp.net

NON-HAZARDOUS MATERIALS MANIFEST

Load # _____ Manifest No. 72329

GENERATOR INFORMATION

Generator: NCDOT Phone: 704-307-1233
Site Address: 303 Enola Road
City/State: Morganton, NC Contact: Troy Holzschuh

MATERIAL DESCRIPTION / QUANTITY / WEIGHT

Gross Weight (lbs): _____ Material: Sludge
Empty Weight (lbs): _____ Contaminant: Gas, Waste Oil
Net Weight (lbs): _____

Quantity 230 Tons Drums Pails Sacs Yards Other: Sol

TRANSPORTER INFORMATION

Transporter: Evo Corporation Phone: 336-725-5844
Truck #: 402 Contact: Tony Disher

As the transporter, I certify that the materials described above being shipped under this non-hazardous materials manifest are properly classified, packaged, labeled, secured and are in proper condition for transport in commerce under the applicable regulations governing transportation, and I hereby receive this material for delivery to the facility designate.

Driver Signature: _____ Date: 11/28/11

FACILITY INFORMATION

111144
Evo Project #: _____

EVO CORPORATION
1703 Vargrave Street
Winston-Salem, NC 27107

Phone: (336) 725-5844
Contact: Tony Disher

I certify that the carrier has delivered the materials described above to this facility, and I hereby accept this material for treatment and/or disposal in a manner that has been authorized by the State of North Carolina.

Facility Signature: _____ Date: 11/28/11

White/Facility Canary/Invoice Goldenrod/Generator Pink/Carrier

APPENDIX C

EXCAVATION LOGS

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
Tel – (919) 447-2750
Fax – (919) 447-2751
www.amec.com

	EXCAVATION NO: UST-1, UST-2, UST-3 and UST-4
EXCAVATION LOG: Parcel 34 - WBS Element: 34832.1.1	**PAGE** 1 **OF** 1
LOCATION: 303 Enola Rd, Morganton, Burke Co., North Carolina	**DATE:** 12-29-11
CONTRACTOR: Evo Corporation.	**START:** 1530
HELPER: N/A	**FINISH:** 845 (12-30-11)
EXCAVATION METHOD: Track Hoe	**LOGGED BY: TLH**

NOTES:
No groundwater encountered

DEPTH TO ROCK: No bedrock was encountered

TOTAL DEPTH OF EXCAVATION: 9 ft bgs

DEPTH IN FEET		MOISTURE	SOIL / BEDROCK DESCRIPTION	PID - Maximum (ppm)
FROM	TO			
0	4	Moist	Orange, Silt, Moist	1,048
4	9	Moist	Orange, Clayey Silt, Moist	1,081

amec	**EXCAVATION NO: UST-5**
EXCAVATION LOG: Parcel 34 - WBS Element: 34832.1.1	**PAGE** 1 **OF** 1
LOCATION: 303 Enola Rd, Morganton, Burke Co., North Carolina	**DATE:** 12-30-11
CONTRACTOR: Evo Corporation.	**START:** 1010
HELPER: N/A	**FINISH:** 1040
EXCAVATION METHOD: Track Hoe	**LOGGED BY: TLH**

NOTES:
No groundwater encountered

DEPTH TO ROCK: No bedrock was encountered

TOTAL DEPTH OF EXCAVATION: 7 ft bgs

DEPTH IN FEET		MOISTURE	SOIL / BEDROCK DESCRIPTION	PID - Maximum (ppm)
FROM	TO			
0	4	Moist	Orange, Silt, Moist	0
4	7	Moist	Orange, Clayey Silt, Moist	0

APPENDIX D

LABORATORY ANALYTICAL REPORT AND CHAIN OF CUSTODY RECORDS

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
www.amec.com
Tel – (919) 447-2750
Fax – (919) 447-2751

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

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

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

December 15, 2011

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

RE: Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Dear Chemical Engineer:
Enclosed are the analytical results for sample(s) received by the laboratory on December 02, 2011. The results relate only to the samples included in this report. Results reported herein conform to the most current TNI standards and the laboratory's Quality Assurance Manual, where applicable, unless otherwise noted in the body of the report.

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

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

Sincerely,

Kevin Herring for
Kevin Godwin
kevin.godwin@pacelabs.com
Project Manager

Enclosures

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

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

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

CERTIFICATIONS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

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
South Carolina Drinking Water Cert. #: 99006003
Virginia Drinking Water Certification #: 00213
Connecticut Certification #: PH-0104
Florida/NELAP Certification #: E87627
Kentucky UST Certification #: 84
Louisiana DHH Drinking Water # LA 100031
West Virginia Certification #: 357
Virginia/VELAP Certification #: 460144

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

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

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

SAMPLE ANALYTE COUNT

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92107633001	**P34-UST-1-1 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633002	**P34-UST-1-2 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633003	**P34-UST-1-3 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633004	**P34-UST-2-1 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633005	**P34-UST-2-2 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633006	**P34-UST-2-3 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633007	**P34-UST-3-1 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633008	**P34-UST-3-2 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C

Pace Analytical
www.pacelabs.com

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

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

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

SAMPLE ANALYTE COUNT

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633009	**P34-UST-3-3 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633010	**P34-UST-4-1 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633011	**P34-UST-4-2 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633012	**P34-UST-4-3 (9')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633013	**P34-UST-5 (2')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633014	**P34-FL-1 (3')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633015	**P34-FL-2 (3')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C

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

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

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

SAMPLE ANALYTE COUNT

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
		ASTM D2974-87	KDF	1	PASI-C
92107633016	**P34-FL-3 (3')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633017	**P34-FL-4 (3')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633018	**P34-FL-5 (3')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633019	**P34-DI-1 (4')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633020	**P34-DI-2 (4')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	BPJ	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633021	**P34-DI-3 (4')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C
92107633022	**P34-DI-4 (4')**	MADEP EPH	RES	7	PASI-C
		MADEP VPH	KJM	5	PASI-C
		EPA 8270	PPM	74	PASI-C
		EPA 8260	DLK	71	PASI-C
		ASTM D2974-87	KDF	1	PASI-C

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **MADEP EPH**
Description: MADEP EPH NC Soil
Client: NCDOT
Date: December 15, 2011

General Information:
22 samples were analyzed for MADEP EPH. All samples were received in acceptable condition with any exceptions noted below.

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

Sample Preparation:
The samples were prepared in accordance with MADEP EPH with any exceptions noted below.

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

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

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

QC Batch: OEXT/15756

S4: Surrogate recovery not evaluated against control limits due to sample dilution.
- P34-UST-2-2 (9') (Lab ID: 92107633005)
  - Nonatriacontane (S)
- P34-UST-3-2 (9') (Lab ID: 92107633008)
  - Nonatriacontane (S)
- P34-UST-5 (2') (Lab ID: 92107633013)
  - 2-Bromonaphthalene (S)
  - 2-Fluorobiphenyl (S)
  - Nonatriacontane (S)
  - o-Terphenyl (S)

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
- P34-UST-2-2 (9') (Lab ID: 92107633005)
  - 2-Bromonaphthalene (S)
- P34-UST-3-2 (9') (Lab ID: 92107633008)
  - 2-Bromonaphthalene (S)
  - 2-Fluorobiphenyl (S)

QC Batch: OEXT/15808

S4: Surrogate recovery not evaluated against control limits due to sample dilution.
- P34-DI-2 (4') (Lab ID: 92107633020)
  - Nonatriacontane (S)

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).
- P34-DI-2 (4') (Lab ID: 92107633020)
  - 2-Bromonaphthalene (S)
  - 2-Fluorobiphenyl (S)

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **MADEP EPH**
Description: MADEP EPH NC Soil
Client: NCDOT
Date: December 15, 2011

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

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: OEXT/15756

N2: The lab does not hold TNI accreditation for this parameter.

- BLANK (Lab ID: 695211)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- LCS (Lab ID: 695212)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- LCSD (Lab ID: 695213)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-DI-1 (4') (Lab ID: 92107633019)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-FL-1 (3') (Lab ID: 92107633014)
  - Aromatic (C11-C22)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
- P34-FL-2 (3') (Lab ID: 92107633015)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-FL-3 (3') (Lab ID: 92107633016)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **MADEP EPH**
Description: MADEP EPH NC Soil
Client: NCDOT
Date: December 15, 2011

Analyte Comments:

QC Batch: OEXT/15756

N2: The lab does not hold TNI accreditation for this parameter.

- P34-FL-4 (3') (Lab ID: 92107633017)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-FL-5 (3') (Lab ID: 92107633018)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-1-1 (9') (Lab ID: 92107633001)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-1-2 (9') (Lab ID: 92107633002)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-1-3 (9') (Lab ID: 92107633003)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-2-1 (9') (Lab ID: 92107633004)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-2-2 (9') (Lab ID: 92107633005)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-2-3 (9') (Lab ID: 92107633006)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-3-1 (9') (Lab ID: 92107633007)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-3-2 (9') (Lab ID: 92107633008)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-3-3 (9') (Lab ID: 92107633009)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **MADEP EPH**
Description: MADEP EPH NC Soil
Client: NCDOT
Date: December 15, 2011

Analyte Comments:

QC Batch: OEXT/15756

N2: The lab does not hold TNI accreditation for this parameter.

- P34-UST-3-3 (9') (Lab ID: 92107633009)
  - Aromatic (C11-C22)
- P34-UST-4-1 (9') (Lab ID: 92107633010)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-4-2 (9') (Lab ID: 92107633011)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-4-3 (9') (Lab ID: 92107633012)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-UST-5 (2') (Lab ID: 92107633013)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)

QC Batch: OEXT/15808

N2: The lab does not hold TNI accreditation for this parameter.

- BLANK (Lab ID: 696930)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- LCS (Lab ID: 696931)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- LCSD (Lab ID: 696932)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-DI-2 (4') (Lab ID: 92107633020)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-DI-3 (4') (Lab ID: 92107633021)
  - Aliphatic (C09-C18)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)
- P34-DI-4 (4') (Lab ID: 92107633022)
  - Aliphatic (C09-C18)

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **MADEP EPH**
Description: MADEP EPH NC Soil
Client: NCDOT
Date: December 15, 2011

Analyte Comments:

QC Batch: OEXT/15808

N2: The lab does not hold TNI accreditation for this parameter.

- P34-DI-4 (4') (Lab ID: 92107633022)
  - Aliphatic (C19-C36)
  - Aromatic (C11-C22)

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **MADEP VPH**
Description: VPH NC Soil
Client: NCDOT
Date: December 15, 2011

General Information:
22 samples were analyzed for MADEP VPH. All samples were received in acceptable condition with any exceptions noted below.

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

Sample Preparation:
The samples were prepared in accordance with MADEP VPH with any exceptions noted below.

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

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

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

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

QC Batch: GCV/5571

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

- P34-UST-1-2 (9') (Lab ID: 92107633002)
  - 2,5-Dibromotoluene (FID)(S)
  - 2,5-Dibromotoluene (PID)(S)

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- P34-UST-2-2 (9') (Lab ID: 92107633005)
  - 2,5-Dibromotoluene (FID)(S)
  - 2,5-Dibromotoluene (PID)(S)
- P34-UST-3-2 (9') (Lab ID: 92107633008)
  - 2,5-Dibromotoluene (FID)(S)
  - 2,5-Dibromotoluene (PID)(S)

QC Batch: GCV/5586

S4: Surrogate recovery not evaluated against control limits due to sample dilution.

- P34-DI-2 (4') (Lab ID: 92107633020)
  - 2,5-Dibromotoluene (FID)(S)
  - 2,5-Dibromotoluene (PID)(S)

S5: Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

- P34-UST-3-3 (9') (Lab ID: 92107633009)
  - 2,5-Dibromotoluene (FID)(S)
  - 2,5-Dibromotoluene (PID)(S)

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **MADEP VPH**
Description: VPH NC Soil
Client: NCDOT
Date: December 15, 2011

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

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

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

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

Additional Comments:

Analyte Comments:

QC Batch: GCV/5571

1g: Surrogate fails after Moisture Correction for Methanol

- P34-UST-1-3 (9') (Lab ID: 92107633003)
  - 2,5-Dibromotoluene (PID)(S)
- P34-UST-2-1 (9') (Lab ID: 92107633004)
  - 2,5-Dibromotoluene (PID)(S)
  - 2,5-Dibromotoluene (FID)(S)
- P34-UST-2-3 (9') (Lab ID: 92107633006)
  - 2,5-Dibromotoluene (PID)(S)

N2: The lab does not hold TNI accreditation for this parameter.

- BLANK (Lab ID: 695288)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- LCS (Lab ID: 695289)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- LCSD (Lab ID: 695290)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **MADEP VPH**
Description: VPH NC Soil
Client: NCDOT
Date: December 15, 2011

Analyte Comments:

QC Batch: GCV/5571

N2: The lab does not hold TNI accreditation for this parameter.

- LCSD (Lab ID: 697125)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-1-1 (9') (Lab ID: 92107633001)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-1-2 (9') (Lab ID: 92107633002)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-1-3 (9') (Lab ID: 92107633003)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-2-1 (9') (Lab ID: 92107633004)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-2-2 (9') (Lab ID: 92107633005)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-2-3 (9') (Lab ID: 92107633006)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-3-1 (9') (Lab ID: 92107633007)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-3-2 (9') (Lab ID: 92107633008)
  - Aliphatic (C05-C08)
  - Aromatic (C09-C10)
  - Aliphatic (C09-C12)

QC Batch: GCV/5586

2g: Surrogate fails after Moisture Correction for Methanol.

- P34-DI-4 (4') (Lab ID: 92107633022)
  - 2,5-Dibromotoluene (PID)(S)
  - 2,5-Dibromotoluene (FID)(S)
- P34-FL-3 (3') (Lab ID: 92107633016)
  - 2,5-Dibromotoluene (FID)(S)

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **MADEP VPH**
Description: VPH NC Soil
Client: NCDOT
Date: December 15, 2011

Analyte Comments:

QC Batch: GCV/5586

2g: Surrogate fails after Moisture Correction for Methanol.
- P34-FL-4 (3') (Lab ID: 92107633017)
  - 2,5-Dibromotoluene (FID)(S)

N2: The lab does not hold TNI accreditation for this parameter.
- BLANK (Lab ID: 698197)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- LCS (Lab ID: 698198)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- LCSD (Lab ID: 698199)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-DI-1 (4') (Lab ID: 92107633019)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-DI-2 (4') (Lab ID: 92107633020)
  - Aliphatic (C05-C08)
  - Aromatic (C09-C10)
  - Aliphatic (C09-C12)
- P34-DI-3 (4') (Lab ID: 92107633021)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-DI-4 (4') (Lab ID: 92107633022)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-FL-1 (3') (Lab ID: 92107633014)
  - Aliphatic (C05-C08)

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **MADEP VPH**
Description: VPH NC Soil
Client: NCDOT
Date: December 15, 2011

Analyte Comments:

QC Batch: GCV/5586

N2: The lab does not hold TNI accreditation for this parameter.

- P34-FL-1 (3') (Lab ID: 92107633014)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-FL-2 (3') (Lab ID: 92107633015)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-FL-3 (3') (Lab ID: 92107633016)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-FL-4 (3') (Lab ID: 92107633017)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-FL-5 (3') (Lab ID: 92107633018)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-3-3 (9') (Lab ID: 92107633009)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-4-1 (9') (Lab ID: 92107633010)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-4-2 (9') (Lab ID: 92107633011)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-4-3 (9') (Lab ID: 92107633012)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)
- P34-UST-5 (2') (Lab ID: 92107633013)
  - Aliphatic (C05-C08)
  - Aliphatic (C09-C12)
  - Aromatic (C09-C10)

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **EPA 8270**
Description: 8270 MSSV Microwave
Client: NCDOT
Date: December 15, 2011

General Information:
22 samples were analyzed for EPA 8270. All samples were received in acceptable condition with any exceptions noted below.

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

Sample Preparation:
The samples were prepared in accordance with EPA 3546 with any exceptions noted below.

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

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

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

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

QC Batch: OEXT/15763

S4: Surrogate recovery not evaluated against control limits due to sample dilution.
- P34-UST-5 (2') (Lab ID: 92107633013)
  - Nitrobenzene-d5 (S)

QC Batch: OEXT/15767

S0: Surrogate recovery outside laboratory control limits.
- P34-DI-4 (4') (Lab ID: 92107633022)
  - Terphenyl-d14 (S)

QC Batch: OEXT/15822

S4: Surrogate recovery not evaluated against control limits due to sample dilution.
- P34-UST-3-2 (9') (Lab ID: 92107633008)
  - Nitrobenzene-d5 (S)

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **EPA 8270**
Description: 8270 MSSV Microwave
Client: NCDOT
Date: December 15, 2011

QC Batch: OEXT/15767

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

- LCS (Lab ID: 695428)
  - 4-Nitroaniline
  - Di-n-octylphthalate
  - N-Nitroso-di-n-propylamine
  - Phenol

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

QC Batch: OEXT/15763

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92107622003

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

- MS (Lab ID: 695367)
  - 1,2-Dichlorobenzene
  - Benzoic Acid
  - bis(2-Ethylhexyl)phthalate
- MSD (Lab ID: 695368)
  - 1,2-Dichlorobenzene
  - 2,4-Dinitrophenol
  - Benzoic Acid

M1: Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

- MS (Lab ID: 695367)
  - 1,2-Dichlorobenzene
  - Benzoic Acid
  - bis(2-Ethylhexyl)phthalate
- MSD (Lab ID: 695368)
  - 1,2-Dichlorobenzene
  - 2,4-Dinitrophenol
  - Benzoic Acid

R1: RPD value was outside control limits.

- MSD (Lab ID: 695368)
  - bis(2-Ethylhexyl)phthalate

QC Batch: OEXT/15767

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92107633020

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

- MS (Lab ID: 695429)
  - 2-Methylnaphthalene
  - Benzoic Acid
  - Di-n-octylphthalate
  - Hexachlorocyclopentadiene
  - Hexachloroethane

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **EPA 8270**
Description: 8270 MSSV Microwave
Client: NCDOT
Date: December 15, 2011

QC Batch: OEXT/15767

A matrix spike and matrix spike duplicate (MS/MSD) were performed on the following sample(s): 92107633020

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

- Naphthalene

- MSD (Lab ID: 695430)
  - 2-Methylnaphthalene
  - Benzoic Acid
  - Di-n-octylphthalate
  - Hexachlorocyclopentadiene
  - Hexachloroethane
  - Naphthalene

R1: RPD value was outside control limits.

- MSD (Lab ID: 695430)
  - 2,4-Dinitrophenol
  - 4,6-Dinitro-2-methylphenol
  - N-Nitrosodimethylamine
  - Pentachlorophenol

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

Additional Comments:

Analyte Comments:

QC Batch: OEXT/15763

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

- P34-UST-5 (2') (Lab ID: 92107633013)
  - Phenol

QC Batch: OEXT/15822

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

- P34-UST-3-2 (9') (Lab ID: 92107633008)
  - Phenol

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **EPA 8260**
Description: 8260/5035A Volatile Organics
Client: NCDOT
Date: December 15, 2011

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

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

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

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

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

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

QC Batch: MSV/17603

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

- P34-UST-5 (2') (Lab ID: 92107633013)
  - 1,2-Dichloroethane-d4 (S)
  - Dibromofluoromethane (S)
  - Toluene-d8 (S)

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

QC Batch: MSV/17574

B-: Analyte detected in method blank but was not detected in the associated samples.

- BLANK (Lab ID: 697617)
  - Naphthalene

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

QC Batch: MSV/17555

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

- LCS (Lab ID: 696362)
  - 2-Butanone (MEK)

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

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

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

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

PROJECT NARRATIVE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Method: **EPA 8260**
Description: 8260/5035A Volatile Organics
Client: NCDOT
Date: December 15, 2011

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

Additional Comments:

Analyte Comments:

QC Batch: MSV/17555

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

- P34-UST-1-2 (9') (Lab ID: 92107633002)
  - Dichlorodifluoromethane
- P34-UST-2-3 (9') (Lab ID: 92107633006)
  - Dichlorodifluoromethane

QC Batch: MSV/17603

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

- P34-UST-5 (2') (Lab ID: 92107633013)
  - Acetone

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

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-1 (9') **Lab ID: 92107633001** Collected: 11/30/11 08:50 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	12.5	1	12/05/11 08:35	12/06/11 19:02		N2
Aliphatic (C19-C36)	ND	mg/kg	12.5	1	12/05/11 08:35	12/06/11 19:02		N2
Aromatic (C11-C22)	ND	mg/kg	12.5	1	12/05/11 08:35	12/06/11 19:02		N2
Surrogates								
Nonatriacontane (S)	80	%	40-140	1	12/05/11 08:35	12/06/11 19:02	7194-86-7	
o-Terphenyl (S)	74	%	40-140	1	12/05/11 08:35	12/06/11 19:02	84-15-1	
2-Fluorobiphenyl (S)	100	%	40-140	1	12/05/11 08:35	12/06/11 19:02	321-60-8	
2-Bromonaphthalene (S)	104	%	40-140	1	12/05/11 08:35	12/06/11 19:02	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.4	1	12/05/11 11:10	12/08/11 04:14		N2
Aliphatic (C09-C12)	ND	mg/kg	3.4	1	12/05/11 11:10	12/08/11 04:14		N2
Aromatic (C09-C10)	ND	mg/kg	3.4	1	12/05/11 11:10	12/08/11 04:14		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	105	%	70-130	1	12/05/11 11:10	12/08/11 04:14		
2,5-Dibromotoluene (FID)(S)	120	%	70-130	1	12/05/11 11:10	12/08/11 04:14		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	83-32-9	
Acenaphthylene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	208-96-8	
Aniline	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	62-53-3	
Anthracene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	120-12-7	
Benzo(a)anthracene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	56-55-3	
Benzo(a)pyrene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	207-08-9	
Benzoic Acid	ND	ug/kg	2080	1	12/05/11 13:30	12/06/11 16:28	65-85-0	
Benzyl alcohol	ND	ug/kg	834	1	12/05/11 13:30	12/06/11 16:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	101-55-3	
Butylbenzylphthalate	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	834	1	12/05/11 13:30	12/06/11 16:28	59-50-7	
4-Chloroaniline	ND	ug/kg	2080	1	12/05/11 13:30	12/06/11 16:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	108-60-1	
2-Chloronaphthalene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	91-58-7	
2-Chlorophenol	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	7005-72-3	
Chrysene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	53-70-3	
Dibenzofuran	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2080	1	12/05/11 13:30	12/06/11 16:28	91-94-1	

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-1 (9') **Lab ID: 92107633001** Collected: 11/30/11 08:50 Received: 12/02/11 16:24 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	417	1	12/05/11 13:30	12/06/11 16:28	120-83-2	
Diethylphthalate	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	105-67-9	
Dimethylphthalate	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	131-11-3	
Di-n-butylphthalate	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	834	1	12/05/11 13:30	12/06/11 16:28	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2080	1	12/05/11 13:30	12/06/11 16:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	606-20-2	
Di-n-octylphthalate	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	117-81-7	
Fluoranthene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	206-44-0	
Fluorene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	87-68-3	
Hexachlorobenzene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	77-47-4	
Hexachloroethane	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	193-39-5	
Isophorone	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	78-59-1	
1-Methylnaphthalene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	90-12-0	
2-Methylnaphthalene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28		
Naphthalene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	91-20-3	
2-Nitroaniline	ND	ug/kg	2080	1	12/05/11 13:30	12/06/11 16:28	88-74-4	
3-Nitroaniline	ND	ug/kg	2080	1	12/05/11 13:30	12/06/11 16:28	99-09-2	
4-Nitroaniline	ND	ug/kg	834	1	12/05/11 13:30	12/06/11 16:28	100-01-6	
Nitrobenzene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	98-95-3	
2-Nitrophenol	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	88-75-5	
4-Nitrophenol	ND	ug/kg	2080	1	12/05/11 13:30	12/06/11 16:28	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	86-30-6	
Pentachlorophenol	ND	ug/kg	2080	1	12/05/11 13:30	12/06/11 16:28	87-86-5	
Phenanthrene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	85-01-8	
Phenol	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	108-95-2	
Pyrene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	417	1	12/05/11 13:30	12/06/11 16:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	47	%	23-110	1	12/05/11 13:30	12/06/11 16:28	4165-60-0	
2-Fluorobiphenyl (S)	51	%	30-110	1	12/05/11 13:30	12/06/11 16:28	321-60-8	
Terphenyl-d14 (S)	53	%	28-110	1	12/05/11 13:30	12/06/11 16:28	1718-51-0	
Phenol-d6 (S)	45	%	22-110	1	12/05/11 13:30	12/06/11 16:28	13127-88-3	
2-Fluorophenol (S)	46	%	13-110	1	12/05/11 13:30	12/06/11 16:28	367-12-4	

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-1 (9') **Lab ID: 92107633001** Collected: 11/30/11 08:50 Received: 12/02/11 16:24 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)	56	%	27-110	1	12/05/11 13:30	12/06/11 16:28	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	116	1		12/07/11 17:54	67-64-1	
Benzene	ND	ug/kg	5.8	1		12/07/11 17:54	71-43-2	
Bromobenzene	ND	ug/kg	5.8	1		12/07/11 17:54	108-86-1	
Bromochloromethane	ND	ug/kg	5.8	1		12/07/11 17:54	74-97-5	
Bromodichloromethane	ND	ug/kg	5.8	1		12/07/11 17:54	75-27-4	
Bromoform	ND	ug/kg	5.8	1		12/07/11 17:54	75-25-2	
Bromomethane	ND	ug/kg	11.6	1		12/07/11 17:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	116	1		12/07/11 17:54	78-93-3	
n-Butylbenzene	ND	ug/kg	5.8	1		12/07/11 17:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.8	1		12/07/11 17:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.8	1		12/07/11 17:54	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.8	1		12/07/11 17:54	56-23-5	
Chlorobenzene	ND	ug/kg	5.8	1		12/07/11 17:54	108-90-7	
Chloroethane	ND	ug/kg	11.6	1		12/07/11 17:54	75-00-3	
Chloroform	ND	ug/kg	5.8	1		12/07/11 17:54	67-66-3	
Chloromethane	ND	ug/kg	11.6	1		12/07/11 17:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.8	1		12/07/11 17:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.8	1		12/07/11 17:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.8	1		12/07/11 17:54	96-12-8	
Dibromochloromethane	ND	ug/kg	5.8	1		12/07/11 17:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.8	1		12/07/11 17:54	106-93-4	
Dibromomethane	ND	ug/kg	5.8	1		12/07/11 17:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.8	1		12/07/11 17:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.8	1		12/07/11 17:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.8	1		12/07/11 17:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.6	1		12/07/11 17:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.8	1		12/07/11 17:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.8	1		12/07/11 17:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.8	1		12/07/11 17:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.8	1		12/07/11 17:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.8	1		12/07/11 17:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.8	1		12/07/11 17:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.8	1		12/07/11 17:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.8	1		12/07/11 17:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.8	1		12/07/11 17:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.8	1		12/07/11 17:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.8	1		12/07/11 17:54	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.8	1		12/07/11 17:54	108-20-3	
Ethylbenzene	ND	ug/kg	5.8	1		12/07/11 17:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.8	1		12/07/11 17:54	87-68-3	
2-Hexanone	ND	ug/kg	58.2	1		12/07/11 17:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.8	1		12/07/11 17:54	98-82-8	

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-1 (9') **Lab ID: 92107633001** Collected: 11/30/11 08:50 Received: 12/02/11 16:24 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	5.8	1		12/07/11 17:54	99-87-6	
Methylene Chloride	ND	ug/kg	23.3	1		12/07/11 17:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	58.2	1		12/07/11 17:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.8	1		12/07/11 17:54	1634-04-4	
Naphthalene	ND	ug/kg	5.8	1		12/07/11 17:54	91-20-3	
n-Propylbenzene	ND	ug/kg	5.8	1		12/07/11 17:54	103-65-1	
Styrene	ND	ug/kg	5.8	1		12/07/11 17:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.8	1		12/07/11 17:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.8	1		12/07/11 17:54	79-34-5	
Tetrachloroethene	ND	ug/kg	5.8	1		12/07/11 17:54	127-18-4	
Toluene	ND	ug/kg	5.8	1		12/07/11 17:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.8	1		12/07/11 17:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.8	1		12/07/11 17:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.8	1		12/07/11 17:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.8	1		12/07/11 17:54	79-00-5	
Trichloroethene	ND	ug/kg	5.8	1		12/07/11 17:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.8	1		12/07/11 17:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.8	1		12/07/11 17:54	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.8	1		12/07/11 17:54	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.8	1		12/07/11 17:54	108-67-8	
Vinyl acetate	ND	ug/kg	58.2	1		12/07/11 17:54	108-05-4	
Vinyl chloride	ND	ug/kg	11.6	1		12/07/11 17:54	75-01-4	
Xylene (Total)	ND	ug/kg	11.6	1		12/07/11 17:54	1330-20-7	
m&p-Xylene	ND	ug/kg	11.6	1		12/07/11 17:54	179601-23-1	
o-Xylene	ND	ug/kg	5.8	1		12/07/11 17:54	95-47-6	
Surrogates								
Dibromofluoromethane (S)	100	%	70-130	1		12/07/11 17:54	1868-53-7	
Toluene-d8 (S)	102	%	70-130	1		12/07/11 17:54	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130	1		12/07/11 17:54	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-132	1		12/07/11 17:54	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**20.3**	%	0.10	1		12/05/11 15:56		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-2 (9') **Lab ID: 92107633002** Collected: 11/30/11 08:55 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	**19.3**	mg/kg	11.4	1	12/05/11 08:35	12/06/11 19:38		N2
Aliphatic (C19-C36)	ND	mg/kg	11.4	1	12/05/11 08:35	12/06/11 19:38		N2
Aromatic (C11-C22)	**16.0**	mg/kg	11.4	1	12/05/11 08:35	12/06/11 19:38		N2
Surrogates								
Nonatriacontane (S)	67	%	40-140	1	12/05/11 08:35	12/06/11 19:38	7194-86-7	
o-Terphenyl (S)	78	%	40-140	1	12/05/11 08:35	12/06/11 19:38	84-15-1	
2-Fluorobiphenyl (S)	103	%	40-140	1	12/05/11 08:35	12/06/11 19:38	321-60-8	
2-Bromonaphthalene (S)	113	%	40-140	1	12/05/11 08:35	12/06/11 19:38	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	**10.5**	mg/kg	2.6	1	12/05/11 11:10	12/08/11 04:39		N2
Aliphatic (C09-C12)	**160**	mg/kg	2.6	1	12/05/11 11:10	12/08/11 04:39		N2,NC
Aromatic (C09-C10)	**54.6**	mg/kg	2.6	1	12/05/11 11:10	12/08/11 04:39		N2,NC
Surrogates								
2,5-Dibromotoluene (PID)(S)	212	%	70-130	1	12/05/11 11:10	12/08/11 04:39		S2
2,5-Dibromotoluene (FID)(S)	166	%	70-130	1	12/05/11 11:10	12/08/11 04:39		S2
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	83-32-9	
Acenaphthylene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	208-96-8	
Aniline	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	62-53-3	
Anthracene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	120-12-7	
Benzo(a)anthracene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	56-55-3	
Benzo(a)pyrene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	207-08-9	
Benzoic Acid	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 16:56	65-85-0	
Benzyl alcohol	ND	ug/kg	759	1	12/05/11 13:30	12/06/11 16:56	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	101-55-3	
Butylbenzylphthalate	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	759	1	12/05/11 13:30	12/06/11 16:56	59-50-7	
4-Chloroaniline	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 16:56	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	108-60-1	
2-Chloronaphthalene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	91-58-7	
2-Chlorophenol	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	7005-72-3	
Chrysene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	53-70-3	
Dibenzofuran	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 16:56	91-94-1	

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-2 (9') **Lab ID: 92107633002** Collected: 11/30/11 08:55 Received: 12/02/11 16:24 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	380	1	12/05/11 13:30	12/06/11 16:56	120-83-2	
Diethylphthalate	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	105-67-9	
Dimethylphthalate	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	131-11-3	
Di-n-butylphthalate	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	759	1	12/05/11 13:30	12/06/11 16:56	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 16:56	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	606-20-2	
Di-n-octylphthalate	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	117-81-7	
Fluoranthene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	206-44-0	
Fluorene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	87-68-3	
Hexachlorobenzene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	77-47-4	
Hexachloroethane	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	193-39-5	
Isophorone	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	78-59-1	
1-Methylnaphthalene	**508**	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	90-12-0	
2-Methylnaphthalene	**979**	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56		
Naphthalene	**1260**	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	91-20-3	
2-Nitroaniline	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 16:56	88-74-4	
3-Nitroaniline	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 16:56	99-09-2	
4-Nitroaniline	ND	ug/kg	759	1	12/05/11 13:30	12/06/11 16:56	100-01-6	
Nitrobenzene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	98-95-3	
2-Nitrophenol	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	88-75-5	
4-Nitrophenol	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 16:56	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	86-30-6	
Pentachlorophenol	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 16:56	87-86-5	
Phenanthrene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	85-01-8	
Phenol	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	108-95-2	
Pyrene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	380	1	12/05/11 13:30	12/06/11 16:56	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	41	%	23-110	1	12/05/11 13:30	12/06/11 16:56	4165-60-0	
2-Fluorobiphenyl (S)	32	%	30-110	1	12/05/11 13:30	12/06/11 16:56	321-60-8	
Terphenyl-d14 (S)	32	%	28-110	1	12/05/11 13:30	12/06/11 16:56	1718-51-0	
Phenol-d6 (S)	41	%	22-110	1	12/05/11 13:30	12/06/11 16:56	13127-88-3	
2-Fluorophenol (S)	41	%	13-110	1	12/05/11 13:30	12/06/11 16:56	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-2 (9') **Lab ID: 92107633002** Collected: 11/30/11 08:55 Received: 12/02/11 16:24 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)	57	%	27-110	1	12/05/11 13:30	12/06/11 16:56	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	5100	50		12/07/11 18:14	67-64-1	
Benzene	ND	ug/kg	255	50		12/07/11 18:14	71-43-2	
Bromobenzene	ND	ug/kg	255	50		12/07/11 18:14	108-86-1	
Bromochloromethane	ND	ug/kg	255	50		12/07/11 18:14	74-97-5	
Bromodichloromethane	ND	ug/kg	255	50		12/07/11 18:14	75-27-4	
Bromoform	ND	ug/kg	255	50		12/07/11 18:14	75-25-2	
Bromomethane	ND	ug/kg	510	50		12/07/11 18:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	5100	50		12/07/11 18:14	78-93-3	
n-Butylbenzene	ND	ug/kg	255	50		12/07/11 18:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	255	50		12/07/11 18:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	255	50		12/07/11 18:14	98-06-6	
Carbon tetrachloride	ND	ug/kg	255	50		12/07/11 18:14	56-23-5	
Chlorobenzene	ND	ug/kg	255	50		12/07/11 18:14	108-90-7	
Chloroethane	ND	ug/kg	510	50		12/07/11 18:14	75-00-3	
Chloroform	ND	ug/kg	255	50		12/07/11 18:14	67-66-3	
Chloromethane	ND	ug/kg	510	50		12/07/11 18:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	255	50		12/07/11 18:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	255	50		12/07/11 18:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	255	50		12/07/11 18:14	96-12-8	
Dibromochloromethane	ND	ug/kg	255	50		12/07/11 18:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	255	50		12/07/11 18:14	106-93-4	
Dibromomethane	ND	ug/kg	255	50		12/07/11 18:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	255	50		12/07/11 18:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	255	50		12/07/11 18:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	255	50		12/07/11 18:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	510	50		12/07/11 18:14	75-71-8	D3
1,1-Dichloroethane	ND	ug/kg	255	50		12/07/11 18:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	255	50		12/07/11 18:14	107-06-2	
1,1-Dichloroethene	ND	ug/kg	255	50		12/07/11 18:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	255	50		12/07/11 18:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	255	50		12/07/11 18:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	255	50		12/07/11 18:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	255	50		12/07/11 18:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	255	50		12/07/11 18:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	255	50		12/07/11 18:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	255	50		12/07/11 18:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	255	50		12/07/11 18:14	10061-02-6	
Diisopropyl ether	ND	ug/kg	255	50		12/07/11 18:14	108-20-3	
Ethylbenzene	**346**	ug/kg	255	50		12/07/11 18:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	255	50		12/07/11 18:14	87-68-3	
2-Hexanone	ND	ug/kg	2550	50		12/07/11 18:14	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	255	50		12/07/11 18:14	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-2 (9') **Lab ID: 92107633002** Collected: 11/30/11 08:55 Received: 12/02/11 16:24 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	255	50		12/07/11 18:14	99-87-6	
Methylene Chloride	ND	ug/kg	1020	50		12/07/11 18:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2550	50		12/07/11 18:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	255	50		12/07/11 18:14	1634-04-4	
Naphthalene	**708**	ug/kg	255	50		12/07/11 18:14	91-20-3	
n-Propylbenzene	ND	ug/kg	255	50		12/07/11 18:14	103-65-1	
Styrene	ND	ug/kg	255	50		12/07/11 18:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	255	50		12/07/11 18:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	255	50		12/07/11 18:14	79-34-5	
Tetrachloroethene	ND	ug/kg	255	50		12/07/11 18:14	127-18-4	
Toluene	**581**	ug/kg	255	50		12/07/11 18:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	255	50		12/07/11 18:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	255	50		12/07/11 18:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	255	50		12/07/11 18:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	255	50		12/07/11 18:14	79-00-5	
Trichloroethene	ND	ug/kg	255	50		12/07/11 18:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	255	50		12/07/11 18:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	255	50		12/07/11 18:14	96-18-4	
1,2,4-Trimethylbenzene	**2640**	ug/kg	255	50		12/07/11 18:14	95-63-6	
1,3,5-Trimethylbenzene	**833**	ug/kg	255	50		12/07/11 18:14	108-67-8	
Vinyl acetate	ND	ug/kg	2550	50		12/07/11 18:14	108-05-4	
Vinyl chloride	ND	ug/kg	510	50		12/07/11 18:14	75-01-4	
Xylene (Total)	**3090**	ug/kg	510	50		12/07/11 18:14	1330-20-7	
m&p-Xylene	**1970**	ug/kg	510	50		12/07/11 18:14	179601-23-1	
o-Xylene	**1120**	ug/kg	255	50		12/07/11 18:14	95-47-6	
Surrogates								
Dibromofluoromethane (S)	106	%	70-130	50		12/07/11 18:14	1868-53-7	
Toluene-d8 (S)	104	%	70-130	50		12/07/11 18:14	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	50		12/07/11 18:14	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-132	50		12/07/11 18:14	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.8**	%	0.10	1		12/05/11 15:56		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-3 (9') **Lab ID: 92107633003** Collected: 11/30/11 09:00 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	11.2	1	12/05/11 08:35	12/06/11 20:14		N2
Aliphatic (C19-C36)	ND	mg/kg	11.2	1	12/05/11 08:35	12/06/11 20:14		N2
Aromatic (C11-C22)	ND	mg/kg	11.2	1	12/05/11 08:35	12/06/11 20:14		N2
Surrogates								
Nonatriacontane (S)	107	%	40-140	1	12/05/11 08:35	12/06/11 20:14	7194-86-7	
o-Terphenyl (S)	70	%	40-140	1	12/05/11 08:35	12/06/11 20:14	84-15-1	
2-Fluorobiphenyl (S)	93	%	40-140	1	12/05/11 08:35	12/06/11 20:14	321-60-8	
2-Bromonaphthalene (S)	96	%	40-140	1	12/05/11 08:35	12/06/11 20:14	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	**3.4**	mg/kg	2.6	1	12/05/11 11:10	12/08/11 05:28		N2
Aliphatic (C09-C12)	**43.8**	mg/kg	2.6	1	12/05/11 11:10	12/08/11 05:28		N2,NC
Aromatic (C09-C10)	**11.7**	mg/kg	2.6	1	12/05/11 11:10	12/08/11 05:28		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	134	%	70-130	1	12/05/11 11:10	12/08/11 05:28		1g
2,5-Dibromotoluene (FID)(S)	125	%	70-130	1	12/05/11 11:10	12/08/11 05:28		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	83-32-9	
Acenaphthylene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	208-96-8	
Aniline	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	62-53-3	
Anthracene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	120-12-7	
Benzo(a)anthracene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	56-55-3	
Benzo(a)pyrene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	207-08-9	
Benzoic Acid	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 17:24	65-85-0	
Benzyl alcohol	ND	ug/kg	762	1	12/05/11 13:30	12/06/11 17:24	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	101-55-3	
Butylbenzylphthalate	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	762	1	12/05/11 13:30	12/06/11 17:24	59-50-7	
4-Chloroaniline	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 17:24	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	108-60-1	
2-Chloronaphthalene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	91-58-7	
2-Chlorophenol	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	7005-72-3	
Chrysene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	53-70-3	
Dibenzofuran	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 17:24	91-94-1	

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-3 (9') **Lab ID: 92107633003** Collected: 11/30/11 09:00 Received: 12/02/11 16:24 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	381	1	12/05/11 13:30	12/06/11 17:24	120-83-2	
Diethylphthalate	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	105-67-9	
Dimethylphthalate	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	131-11-3	
Di-n-butylphthalate	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	762	1	12/05/11 13:30	12/06/11 17:24	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 17:24	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	606-20-2	
Di-n-octylphthalate	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	117-81-7	
Fluoranthene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	206-44-0	
Fluorene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	87-68-3	
Hexachlorobenzene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	77-47-4	
Hexachloroethane	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	193-39-5	
Isophorone	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	78-59-1	
1-Methylnaphthalene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	90-12-0	
2-Methylnaphthalene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24		
Naphthalene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	91-20-3	
2-Nitroaniline	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 17:24	88-74-4	
3-Nitroaniline	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 17:24	99-09-2	
4-Nitroaniline	ND	ug/kg	762	1	12/05/11 13:30	12/06/11 17:24	100-01-6	
Nitrobenzene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	98-95-3	
2-Nitrophenol	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	88-75-5	
4-Nitrophenol	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 17:24	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	86-30-6	
Pentachlorophenol	ND	ug/kg	1900	1	12/05/11 13:30	12/06/11 17:24	87-86-5	
Phenanthrene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	85-01-8	
Phenol	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	108-95-2	
Pyrene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	381	1	12/05/11 13:30	12/06/11 17:24	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	47	%	23-110	1	12/05/11 13:30	12/06/11 17:24	4165-60-0	
2-Fluorobiphenyl (S)	38	%	30-110	1	12/05/11 13:30	12/06/11 17:24	321-60-8	
Terphenyl-d14 (S)	29	%	28-110	1	12/05/11 13:30	12/06/11 17:24	1718-51-0	
Phenol-d6 (S)	44	%	22-110	1	12/05/11 13:30	12/06/11 17:24	13127-88-3	
2-Fluorophenol (S)	44	%	13-110	1	12/05/11 13:30	12/06/11 17:24	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-3 (9') **Lab ID: 92107633003** Collected: 11/30/11 09:00 Received: 12/02/11 16:24 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)	52	%	27-110	1	12/05/11 13:30	12/06/11 17:24	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	4650	50		12/07/11 18:34	67-64-1	
Benzene	ND	ug/kg	233	50		12/07/11 18:34	71-43-2	
Bromobenzene	ND	ug/kg	233	50		12/07/11 18:34	108-86-1	
Bromochloromethane	ND	ug/kg	233	50		12/07/11 18:34	74-97-5	
Bromodichloromethane	ND	ug/kg	233	50		12/07/11 18:34	75-27-4	
Bromoform	ND	ug/kg	233	50		12/07/11 18:34	75-25-2	
Bromomethane	ND	ug/kg	465	50		12/07/11 18:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	4650	50		12/07/11 18:34	78-93-3	
n-Butylbenzene	ND	ug/kg	233	50		12/07/11 18:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	233	50		12/07/11 18:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	233	50		12/07/11 18:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	233	50		12/07/11 18:34	56-23-5	
Chlorobenzene	ND	ug/kg	233	50		12/07/11 18:34	108-90-7	
Chloroethane	ND	ug/kg	465	50		12/07/11 18:34	75-00-3	
Chloroform	ND	ug/kg	233	50		12/07/11 18:34	67-66-3	
Chloromethane	ND	ug/kg	465	50		12/07/11 18:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	233	50		12/07/11 18:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	233	50		12/07/11 18:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	233	50		12/07/11 18:34	96-12-8	
Dibromochloromethane	ND	ug/kg	233	50		12/07/11 18:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	233	50		12/07/11 18:34	106-93-4	
Dibromomethane	ND	ug/kg	233	50		12/07/11 18:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	233	50		12/07/11 18:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	233	50		12/07/11 18:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	233	50		12/07/11 18:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	465	50		12/07/11 18:34	75-71-8	
1,1-Dichloroethane	ND	ug/kg	233	50		12/07/11 18:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	233	50		12/07/11 18:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	233	50		12/07/11 18:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	233	50		12/07/11 18:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	233	50		12/07/11 18:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	233	50		12/07/11 18:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	233	50		12/07/11 18:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	233	50		12/07/11 18:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	233	50		12/07/11 18:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	233	50		12/07/11 18:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	233	50		12/07/11 18:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	233	50		12/07/11 18:34	108-20-3	
Ethylbenzene	**736**	ug/kg	233	50		12/07/11 18:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	233	50		12/07/11 18:34	87-68-3	
2-Hexanone	ND	ug/kg	2330	50		12/07/11 18:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	233	50		12/07/11 18:34	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-1-3 (9') **Lab ID: 92107633003** Collected: 11/30/11 09:00 Received: 12/02/11 16:24 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	233	50		12/07/11 18:34	99-87-6	
Methylene Chloride	ND	ug/kg	931	50		12/07/11 18:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2330	50		12/07/11 18:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	233	50		12/07/11 18:34	1634-04-4	
Naphthalene	**1310**	ug/kg	233	50		12/07/11 18:34	91-20-3	
n-Propylbenzene	**460**	ug/kg	233	50		12/07/11 18:34	103-65-1	
Styrene	ND	ug/kg	233	50		12/07/11 18:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	233	50		12/07/11 18:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	233	50		12/07/11 18:34	79-34-5	
Tetrachloroethene	ND	ug/kg	233	50		12/07/11 18:34	127-18-4	
Toluene	**1000**	ug/kg	233	50		12/07/11 18:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	233	50		12/07/11 18:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	233	50		12/07/11 18:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	233	50		12/07/11 18:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	233	50		12/07/11 18:34	79-00-5	
Trichloroethene	ND	ug/kg	233	50		12/07/11 18:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	233	50		12/07/11 18:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	233	50		12/07/11 18:34	96-18-4	
1,2,4-Trimethylbenzene	**5040**	ug/kg	233	50		12/07/11 18:34	95-63-6	
1,3,5-Trimethylbenzene	**1620**	ug/kg	233	50		12/07/11 18:34	108-67-8	
Vinyl acetate	ND	ug/kg	2330	50		12/07/11 18:34	108-05-4	
Vinyl chloride	ND	ug/kg	465	50		12/07/11 18:34	75-01-4	
Xylene (Total)	**6880**	ug/kg	465	50		12/07/11 18:34	1330-20-7	
m&p-Xylene	**4370**	ug/kg	465	50		12/07/11 18:34	179601-23-1	
o-Xylene	**2510**	ug/kg	233	50		12/07/11 18:34	95-47-6	
Surrogates								
Dibromofluoromethane (S)	96	%	70-130	50		12/07/11 18:34	1868-53-7	
Toluene-d8 (S)	105	%	70-130	50		12/07/11 18:34	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	50		12/07/11 18:34	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-132	50		12/07/11 18:34	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.8**	%	0.10	1		12/05/11 15:57		

Pace Analytical
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-1 (9') **Lab ID: 92107633004** Collected: 11/30/11 09:10 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	11.4	1	12/05/11 08:35	12/06/11 20:50		N2
Aliphatic (C19-C36)	ND	mg/kg	11.4	1	12/05/11 08:35	12/06/11 20:50		N2
Aromatic (C11-C22)	ND	mg/kg	11.4	1	12/05/11 08:35	12/06/11 20:50		N2
Surrogates								
Nonatriacontane (S)	77	%	40-140	1	12/05/11 08:35	12/06/11 20:50	7194-86-7	
o-Terphenyl (S)	69	%	40-140	1	12/05/11 08:35	12/06/11 20:50	84-15-1	
2-Fluorobiphenyl (S)	89	%	40-140	1	12/05/11 08:35	12/06/11 20:50	321-60-8	
2-Bromonaphthalene (S)	93	%	40-140	1	12/05/11 08:35	12/06/11 20:50	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	**2.6**	mg/kg	2.4	1	12/05/11 11:10	12/08/11 05:53		N2
Aliphatic (C09-C12)	**26.6**	mg/kg	2.4	1	12/05/11 11:10	12/08/11 05:53		N2
Aromatic (C09-C10)	**8.5**	mg/kg	2.4	1	12/05/11 11:10	12/08/11 05:53		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	152	%	70-130	1	12/05/11 11:10	12/08/11 05:53		1g
2,5-Dibromotoluene (FID)(S)	141	%	70-130	1	12/05/11 11:10	12/08/11 05:53		1g
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	83-32-9	
Acenaphthylene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	208-96-8	
Aniline	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	62-53-3	
Anthracene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	120-12-7	
Benzo(a)anthracene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	56-55-3	
Benzo(a)pyrene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	207-08-9	
Benzoic Acid	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 17:52	65-85-0	
Benzyl alcohol	ND	ug/kg	739	1	12/05/11 13:30	12/06/11 17:52	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	101-55-3	
Butylbenzylphthalate	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	739	1	12/05/11 13:30	12/06/11 17:52	59-50-7	
4-Chloroaniline	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 17:52	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	108-60-1	
2-Chloronaphthalene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	91-58-7	
2-Chlorophenol	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	7005-72-3	
Chrysene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	53-70-3	
Dibenzofuran	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 17:52	91-94-1	

Pace Analytical
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-1 (9') **Lab ID: 92107633004** Collected: 11/30/11 09:10 Received: 12/02/11 16:24 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	369	1	12/05/11 13:30	12/06/11 17:52	120-83-2	
Diethylphthalate	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	105-67-9	
Dimethylphthalate	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	131-11-3	
Di-n-butylphthalate	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	739	1	12/05/11 13:30	12/06/11 17:52	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 17:52	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	606-20-2	
Di-n-octylphthalate	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	117-81-7	
Fluoranthene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	206-44-0	
Fluorene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	87-68-3	
Hexachlorobenzene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	77-47-4	
Hexachloroethane	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	193-39-5	
Isophorone	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	78-59-1	
1-Methylnaphthalene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	90-12-0	
2-Methylnaphthalene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52		
Naphthalene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	91-20-3	
2-Nitroaniline	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 17:52	88-74-4	
3-Nitroaniline	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 17:52	99-09-2	
4-Nitroaniline	ND	ug/kg	739	1	12/05/11 13:30	12/06/11 17:52	100-01-6	
Nitrobenzene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	98-95-3	
2-Nitrophenol	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	88-75-5	
4-Nitrophenol	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 17:52	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	86-30-6	
Pentachlorophenol	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 17:52	87-86-5	
Phenanthrene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	85-01-8	
Phenol	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	108-95-2	
Pyrene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	369	1	12/05/11 13:30	12/06/11 17:52	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	46	%	23-110	1	12/05/11 13:30	12/06/11 17:52	4165-60-0	
2-Fluorobiphenyl (S)	33	%	30-110	1	12/05/11 13:30	12/06/11 17:52	321-60-8	
Terphenyl-d14 (S)	31	%	28-110	1	12/05/11 13:30	12/06/11 17:52	1718-51-0	
Phenol-d6 (S)	45	%	22-110	1	12/05/11 13:30	12/06/11 17:52	13127-88-3	
2-Fluorophenol (S)	43	%	13-110	1	12/05/11 13:30	12/06/11 17:52	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-1 (9') **Lab ID: 92107633004** Collected: 11/30/11 09:10 Received: 12/02/11 16:24 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)	52	%	27-110	1	12/05/11 13:30	12/06/11 17:52	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	82.4	1		12/07/11 18:54	67-64-1	
Benzene	**7.2**	ug/kg	4.1	1		12/07/11 18:54	71-43-2	
Bromobenzene	ND	ug/kg	4.1	1		12/07/11 18:54	108-86-1	
Bromochloromethane	ND	ug/kg	4.1	1		12/07/11 18:54	74-97-5	
Bromodichloromethane	ND	ug/kg	4.1	1		12/07/11 18:54	75-27-4	
Bromoform	ND	ug/kg	4.1	1		12/07/11 18:54	75-25-2	
Bromomethane	ND	ug/kg	8.2	1		12/07/11 18:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	82.4	1		12/07/11 18:54	78-93-3	
n-Butylbenzene	ND	ug/kg	4.1	1		12/07/11 18:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.1	1		12/07/11 18:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.1	1		12/07/11 18:54	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.1	1		12/07/11 18:54	56-23-5	
Chlorobenzene	ND	ug/kg	4.1	1		12/07/11 18:54	108-90-7	
Chloroethane	ND	ug/kg	8.2	1		12/07/11 18:54	75-00-3	
Chloroform	ND	ug/kg	4.1	1		12/07/11 18:54	67-66-3	
Chloromethane	ND	ug/kg	8.2	1		12/07/11 18:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.1	1		12/07/11 18:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.1	1		12/07/11 18:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.1	1		12/07/11 18:54	96-12-8	
Dibromochloromethane	ND	ug/kg	4.1	1		12/07/11 18:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.1	1		12/07/11 18:54	106-93-4	
Dibromomethane	ND	ug/kg	4.1	1		12/07/11 18:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.1	1		12/07/11 18:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.1	1		12/07/11 18:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.1	1		12/07/11 18:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	8.2	1		12/07/11 18:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.1	1		12/07/11 18:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.1	1		12/07/11 18:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.1	1		12/07/11 18:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.1	1		12/07/11 18:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.1	1		12/07/11 18:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.1	1		12/07/11 18:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.1	1		12/07/11 18:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.1	1		12/07/11 18:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.1	1		12/07/11 18:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.1	1		12/07/11 18:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.1	1		12/07/11 18:54	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.1	1		12/07/11 18:54	108-20-3	
Ethylbenzene	**30.6**	ug/kg	4.1	1		12/07/11 18:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.1	1		12/07/11 18:54	87-68-3	
2-Hexanone	ND	ug/kg	41.2	1		12/07/11 18:54	591-78-6	
Isopropylbenzene (Cumene)	**5.9**	ug/kg	4.1	1		12/07/11 18:54	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-1 (9') **Lab ID: 92107633004** Collected: 11/30/11 09:10 Received: 12/02/11 16:24 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	**16.2**	ug/kg	4.1	1		12/07/11 18:54	99-87-6	
Methylene Chloride	ND	ug/kg	16.5	1		12/07/11 18:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	41.2	1		12/07/11 18:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.1	1		12/07/11 18:54	1634-04-4	
Naphthalene	**88.8**	ug/kg	4.1	1		12/07/11 18:54	91-20-3	
n-Propylbenzene	**22.9**	ug/kg	4.1	1		12/07/11 18:54	103-65-1	
Styrene	ND	ug/kg	4.1	1		12/07/11 18:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.1	1		12/07/11 18:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.1	1		12/07/11 18:54	79-34-5	
Tetrachloroethene	ND	ug/kg	4.1	1		12/07/11 18:54	127-18-4	
Toluene	**45.4**	ug/kg	4.1	1		12/07/11 18:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.1	1		12/07/11 18:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.1	1		12/07/11 18:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.1	1		12/07/11 18:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.1	1		12/07/11 18:54	79-00-5	
Trichloroethene	ND	ug/kg	4.1	1		12/07/11 18:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.1	1		12/07/11 18:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.1	1		12/07/11 18:54	96-18-4	
1,2,4-Trimethylbenzene	**627**	ug/kg	82.4	20		12/09/11 19:02	95-63-6	
1,3,5-Trimethylbenzene	**146**	ug/kg	4.1	1		12/07/11 18:54	108-67-8	
Vinyl acetate	ND	ug/kg	41.2	1		12/07/11 18:54	108-05-4	
Vinyl chloride	ND	ug/kg	8.2	1		12/07/11 18:54	75-01-4	
Xylene (Total)	**372**	ug/kg	8.2	1		12/07/11 18:54	1330-20-7	
m&p-Xylene	**230**	ug/kg	8.2	1		12/07/11 18:54	179601-23-1	
o-Xylene	**143**	ug/kg	4.1	1		12/07/11 18:54	95-47-6	
Surrogates								
Dibromofluoromethane (S)	105	%	70-130	1		12/07/11 18:54	1868-53-7	
Toluene-d8 (S)	99	%	70-130	1		12/07/11 18:54	2037-26-5	
4-Bromofluorobenzene (S)	100	%	70-130	1		12/07/11 18:54	460-00-4	
1,2-Dichloroethane-d4 (S)	102	%	70-132	1		12/07/11 18:54	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.1**	%	0.10	1		12/05/11 15:57		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-2 (9') **Lab ID: 92107633005** Collected: 11/30/11 09:15 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	**183**	mg/kg	63.1	5	12/05/11 08:35	12/07/11 09:14		N2
Aliphatic (C19-C36)	ND	mg/kg	63.1	5	12/05/11 08:35	12/07/11 09:14		N2
Aromatic (C11-C22)	**101**	mg/kg	12.6	1	12/05/11 08:35	12/06/11 21:26		N2
Surrogates								
Nonatriacontane (S)	0	%	40-140	5	12/05/11 08:35	12/07/11 09:14	7194-86-7	S4
o-Terphenyl (S)	79	%	40-140	1	12/05/11 08:35	12/06/11 21:26	84-15-1	
2-Fluorobiphenyl (S)	131	%	40-140	1	12/05/11 08:35	12/06/11 21:26	321-60-8	
2-Bromonaphthalene (S)	166	%	40-140	1	12/05/11 08:35	12/06/11 21:26	580-13-2	S5
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	**103**	mg/kg	29.5	10	12/05/11 11:10	12/08/11 06:18		N2
Aliphatic (C09-C12)	**2200**	mg/kg	29.5	10	12/05/11 11:10	12/08/11 06:18		N2,NC
Aromatic (C09-C10)	**792**	mg/kg	29.5	10	12/05/11 11:10	12/08/11 06:18		N2,NC
Surrogates								
2,5-Dibromotoluene (PID)(S)	92	%	70-130	10	12/05/11 11:10	12/08/11 06:18		S4
2,5-Dibromotoluene (FID)(S)	72	%	70-130	10	12/05/11 11:10	12/08/11 06:18		S4
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	83-32-9	
Acenaphthylene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	208-96-8	
Aniline	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	62-53-3	
Anthracene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	120-12-7	
Benzo(a)anthracene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	56-55-3	
Benzo(a)pyrene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	207-08-9	
Benzoic Acid	ND	ug/kg	2100	1	12/05/11 13:30	12/06/11 18:21	65-85-0	
Benzyl alcohol	ND	ug/kg	838	1	12/05/11 13:30	12/06/11 18:21	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	101-55-3	
Butylbenzylphthalate	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	838	1	12/05/11 13:30	12/06/11 18:21	59-50-7	
4-Chloroaniline	ND	ug/kg	2100	1	12/05/11 13:30	12/06/11 18:21	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	108-60-1	
2-Chloronaphthalene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	91-58-7	
2-Chlorophenol	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	7005-72-3	
Chrysene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	53-70-3	
Dibenzofuran	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2100	1	12/05/11 13:30	12/06/11 18:21	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-2 (9') **Lab ID: 92107633005** Collected: 11/30/11 09:15 Received: 12/02/11 16:24 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	419	1	12/05/11 13:30	12/06/11 18:21	120-83-2	
Diethylphthalate	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	105-67-9	
Dimethylphthalate	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	131-11-3	
Di-n-butylphthalate	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	838	1	12/05/11 13:30	12/06/11 18:21	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2100	1	12/05/11 13:30	12/06/11 18:21	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	606-20-2	
Di-n-octylphthalate	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	117-81-7	
Fluoranthene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	206-44-0	
Fluorene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	87-68-3	
Hexachlorobenzene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	77-47-4	
Hexachloroethane	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	193-39-5	
Isophorone	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	78-59-1	
1-Methylnaphthalene	**2320**	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	90-12-0	
2-Methylnaphthalene	**4410**	ug/kg	2100	5	12/05/11 13:30	12/07/11 12:32	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21		
Naphthalene	**5570**	ug/kg	2100	5	12/05/11 13:30	12/07/11 12:32	91-20-3	
2-Nitroaniline	ND	ug/kg	2100	1	12/05/11 13:30	12/06/11 18:21	88-74-4	
3-Nitroaniline	ND	ug/kg	2100	1	12/05/11 13:30	12/06/11 18:21	99-09-2	
4-Nitroaniline	ND	ug/kg	838	1	12/05/11 13:30	12/06/11 18:21	100-01-6	
Nitrobenzene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	98-95-3	
2-Nitrophenol	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	88-75-5	
4-Nitrophenol	ND	ug/kg	2100	1	12/05/11 13:30	12/06/11 18:21	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	86-30-6	
Pentachlorophenol	ND	ug/kg	2100	1	12/05/11 13:30	12/06/11 18:21	87-86-5	
Phenanthrene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	85-01-8	
Phenol	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	108-95-2	
Pyrene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	419	1	12/05/11 13:30	12/06/11 18:21	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	51	%	23-110	1	12/05/11 13:30	12/06/11 18:21	4165-60-0	
2-Fluorobiphenyl (S)	38	%	30-110	1	12/05/11 13:30	12/06/11 18:21	321-60-8	
Terphenyl-d14 (S)	36	%	28-110	1	12/05/11 13:30	12/06/11 18:21	1718-51-0	
Phenol-d6 (S)	44	%	22-110	1	12/05/11 13:30	12/06/11 18:21	13127-88-3	
2-Fluorophenol (S)	44	%	13-110	1	12/05/11 13:30	12/06/11 18:21	367-12-4	

Pace Analytical
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-2 (9') **Lab ID: 92107633005** Collected: 11/30/11 09:15 Received: 12/02/11 16:24 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)	48	%	27-110	1	12/05/11 13:30	12/06/11 18:21	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	8790	100		12/07/11 19:14	67-64-1	
Benzene	ND	ug/kg	440	100		12/07/11 19:14	71-43-2	
Bromobenzene	ND	ug/kg	440	100		12/07/11 19:14	108-86-1	
Bromochloromethane	ND	ug/kg	440	100		12/07/11 19:14	74-97-5	
Bromodichloromethane	ND	ug/kg	440	100		12/07/11 19:14	75-27-4	
Bromoform	ND	ug/kg	440	100		12/07/11 19:14	75-25-2	
Bromomethane	ND	ug/kg	879	100		12/07/11 19:14	74-83-9	
2-Butanone (MEK)	ND	ug/kg	8790	100		12/07/11 19:14	78-93-3	
n-Butylbenzene	ND	ug/kg	440	100		12/07/11 19:14	104-51-8	
sec-Butylbenzene	ND	ug/kg	440	100		12/07/11 19:14	135-98-8	
tert-Butylbenzene	ND	ug/kg	440	100		12/07/11 19:14	98-06-6	
Carbon tetrachloride	ND	ug/kg	440	100		12/07/11 19:14	56-23-5	
Chlorobenzene	ND	ug/kg	440	100		12/07/11 19:14	108-90-7	
Chloroethane	ND	ug/kg	879	100		12/07/11 19:14	75-00-3	
Chloroform	ND	ug/kg	440	100		12/07/11 19:14	67-66-3	
Chloromethane	ND	ug/kg	879	100		12/07/11 19:14	74-87-3	
2-Chlorotoluene	ND	ug/kg	440	100		12/07/11 19:14	95-49-8	
4-Chlorotoluene	ND	ug/kg	440	100		12/07/11 19:14	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	440	100		12/07/11 19:14	96-12-8	
Dibromochloromethane	ND	ug/kg	440	100		12/07/11 19:14	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	440	100		12/07/11 19:14	106-93-4	
Dibromomethane	ND	ug/kg	440	100		12/07/11 19:14	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	440	100		12/07/11 19:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	440	100		12/07/11 19:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	440	100		12/07/11 19:14	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	879	100		12/07/11 19:14	75-71-8	
1,1-Dichloroethane	ND	ug/kg	440	100		12/07/11 19:14	75-34-3	
1,2-Dichloroethane	ND	ug/kg	440	100		12/07/11 19:14	107-06-2	
1,1-Dichloroethene	ND	ug/kg	440	100		12/07/11 19:14	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	440	100		12/07/11 19:14	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	440	100		12/07/11 19:14	156-60-5	
1,2-Dichloropropane	ND	ug/kg	440	100		12/07/11 19:14	78-87-5	
1,3-Dichloropropane	ND	ug/kg	440	100		12/07/11 19:14	142-28-9	
2,2-Dichloropropane	ND	ug/kg	440	100		12/07/11 19:14	594-20-7	
1,1-Dichloropropene	ND	ug/kg	440	100		12/07/11 19:14	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	440	100		12/07/11 19:14	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	440	100		12/07/11 19:14	10061-02-6	
Diisopropyl ether	ND	ug/kg	440	100		12/07/11 19:14	108-20-3	
Ethylbenzene	**9800**	ug/kg	440	100		12/07/11 19:14	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	440	100		12/07/11 19:14	87-68-3	
2-Hexanone	ND	ug/kg	4400	100		12/07/11 19:14	591-78-6	
Isopropylbenzene (Cumene)	**2260**	ug/kg	440	100		12/07/11 19:14	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-2 (9') **Lab ID: 92107633005** Collected: 11/30/11 09:15 Received: 12/02/11 16:24 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	**9450**	ug/kg	440	100		12/07/11 19:14	99-87-6	
Methylene Chloride	ND	ug/kg	1760	100		12/07/11 19:14	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	4400	100		12/07/11 19:14	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	440	100		12/07/11 19:14	1634-04-4	
Naphthalene	**24400**	ug/kg	5500	1250		12/09/11 20:41	91-20-3	
n-Propylbenzene	**6260**	ug/kg	440	100		12/07/11 19:14	103-65-1	
Styrene	ND	ug/kg	440	100		12/07/11 19:14	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	440	100		12/07/11 19:14	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	440	100		12/07/11 19:14	79-34-5	
Tetrachloroethene	ND	ug/kg	440	100		12/07/11 19:14	127-18-4	
Toluene	**12500**	ug/kg	440	100		12/07/11 19:14	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	440	100		12/07/11 19:14	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	440	100		12/07/11 19:14	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	440	100		12/07/11 19:14	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	440	100		12/07/11 19:14	79-00-5	
Trichloroethene	ND	ug/kg	440	100		12/07/11 19:14	79-01-6	
Trichlorofluoromethane	ND	ug/kg	440	100		12/07/11 19:14	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	440	100		12/07/11 19:14	96-18-4	
1,2,4-Trimethylbenzene	**196000**	ug/kg	5500	1250		12/09/11 20:41	95-63-6	
1,3,5-Trimethylbenzene	**75800**	ug/kg	5500	1250		12/09/11 20:41	108-67-8	
Vinyl acetate	ND	ug/kg	4400	100		12/07/11 19:14	108-05-4	
Vinyl chloride	ND	ug/kg	879	100		12/07/11 19:14	75-01-4	
Xylene (Total)	**168000**	ug/kg	11000	1250		12/09/11 20:41	1330-20-7	
m&p-Xylene	**111000**	ug/kg	11000	1250		12/09/11 20:41	179601-23-1	
o-Xylene	**57300**	ug/kg	5500	1250		12/09/11 20:41	95-47-6	
Surrogates								
Dibromofluoromethane (S)	101	%	70-130	100		12/07/11 19:14	1868-53-7	
Toluene-d8 (S)	108	%	70-130	100		12/07/11 19:14	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	100		12/07/11 19:14	460-00-4	
1,2-Dichloroethane-d4 (S)	99	%	70-132	100		12/07/11 19:14	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**21.8**	%	0.10	1		12/05/11 15:57		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-3 (9') **Lab ID: 92107633006** Collected: 11/30/11 09:20 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	**13.8**	mg/kg	11.5	1	12/05/11 08:35	12/06/11 22:02		N2
Aliphatic (C19-C36)	ND	mg/kg	11.5	1	12/05/11 08:35	12/06/11 22:02		N2
Aromatic (C11-C22)	ND	mg/kg	11.5	1	12/05/11 08:35	12/06/11 22:02		N2
Surrogates								
Nonatriacontane (S)	87	%	40-140	1	12/05/11 08:35	12/06/11 22:02	7194-86-7	
o-Terphenyl (S)	85	%	40-140	1	12/05/11 08:35	12/06/11 22:02	84-15-1	
2-Fluorobiphenyl (S)	97	%	40-140	1	12/05/11 08:35	12/06/11 22:02	321-60-8	
2-Bromonaphthalene (S)	107	%	40-140	1	12/05/11 08:35	12/06/11 22:02	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	**5.5**	mg/kg	2.7	1	12/05/11 11:10	12/08/11 06:43		N2
Aliphatic (C09-C12)	**49.7**	mg/kg	2.7	1	12/05/11 11:10	12/08/11 06:43		N2,NC
Aromatic (C09-C10)	**18.5**	mg/kg	2.7	1	12/05/11 11:10	12/08/11 06:43		N2,NC
Surrogates								
2,5-Dibromotoluene (PID)(S)	134	%	70-130	1	12/05/11 11:10	12/08/11 06:43		1g
2,5-Dibromotoluene (FID)(S)	115	%	70-130	1	12/05/11 11:10	12/08/11 06:43		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	83-32-9	
Acenaphthylene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	208-96-8	
Aniline	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	62-53-3	
Anthracene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	120-12-7	
Benzo(a)anthracene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	56-55-3	
Benzo(a)pyrene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	207-08-9	
Benzoic Acid	ND	ug/kg	1880	1	12/05/11 13:30	12/06/11 18:49	65-85-0	
Benzyl alcohol	ND	ug/kg	752	1	12/05/11 13:30	12/06/11 18:49	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	101-55-3	
Butylbenzylphthalate	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	752	1	12/05/11 13:30	12/06/11 18:49	59-50-7	
4-Chloroaniline	ND	ug/kg	1880	1	12/05/11 13:30	12/06/11 18:49	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	108-60-1	
2-Chloronaphthalene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	91-58-7	
2-Chlorophenol	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	7005-72-3	
Chrysene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	53-70-3	
Dibenzofuran	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1880	1	12/05/11 13:30	12/06/11 18:49	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-3 (9') **Lab ID: 92107633006** Collected: 11/30/11 09:20 Received: 12/02/11 16:24 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	376	1	12/05/11 13:30	12/06/11 18:49	120-83-2	
Diethylphthalate	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	105-67-9	
Dimethylphthalate	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	131-11-3	
Di-n-butylphthalate	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	752	1	12/05/11 13:30	12/06/11 18:49	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1880	1	12/05/11 13:30	12/06/11 18:49	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	606-20-2	
Di-n-octylphthalate	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	117-81-7	
Fluoranthene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	206-44-0	
Fluorene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	87-68-3	
Hexachlorobenzene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	77-47-4	
Hexachloroethane	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	193-39-5	
Isophorone	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	78-59-1	
1-Methylnaphthalene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	90-12-0	
2-Methylnaphthalene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49		
Naphthalene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	91-20-3	
2-Nitroaniline	ND	ug/kg	1880	1	12/05/11 13:30	12/06/11 18:49	88-74-4	
3-Nitroaniline	ND	ug/kg	1880	1	12/05/11 13:30	12/06/11 18:49	99-09-2	
4-Nitroaniline	ND	ug/kg	752	1	12/05/11 13:30	12/06/11 18:49	100-01-6	
Nitrobenzene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	98-95-3	
2-Nitrophenol	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	88-75-5	
4-Nitrophenol	ND	ug/kg	1880	1	12/05/11 13:30	12/06/11 18:49	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	86-30-6	
Pentachlorophenol	ND	ug/kg	1880	1	12/05/11 13:30	12/06/11 18:49	87-86-5	
Phenanthrene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	85-01-8	
Phenol	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	108-95-2	
Pyrene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	376	1	12/05/11 13:30	12/06/11 18:49	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	52	%	23-110	1	12/05/11 13:30	12/06/11 18:49	4165-60-0	
2-Fluorobiphenyl (S)	40	%	30-110	1	12/05/11 13:30	12/06/11 18:49	321-60-8	
Terphenyl-d14 (S)	47	%	28-110	1	12/05/11 13:30	12/06/11 18:49	1718-51-0	
Phenol-d6 (S)	50	%	22-110	1	12/05/11 13:30	12/06/11 18:49	13127-88-3	
2-Fluorophenol (S)	48	%	13-110	1	12/05/11 13:30	12/06/11 18:49	367-12-4	

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-3 (9') **Lab ID: 92107633006** Collected: 11/30/11 09:20 Received: 12/02/11 16:24 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)	64	%	27-110	1	12/05/11 13:30	12/06/11 18:49	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	3940	50		12/07/11 19:34	67-64-1	
Benzene	ND	ug/kg	197	50		12/07/11 19:34	71-43-2	
Bromobenzene	ND	ug/kg	197	50		12/07/11 19:34	108-86-1	
Bromochloromethane	ND	ug/kg	197	50		12/07/11 19:34	74-97-5	
Bromodichloromethane	ND	ug/kg	197	50		12/07/11 19:34	75-27-4	
Bromoform	ND	ug/kg	197	50		12/07/11 19:34	75-25-2	
Bromomethane	ND	ug/kg	394	50		12/07/11 19:34	74-83-9	
2-Butanone (MEK)	ND	ug/kg	3940	50		12/07/11 19:34	78-93-3	
n-Butylbenzene	ND	ug/kg	197	50		12/07/11 19:34	104-51-8	
sec-Butylbenzene	ND	ug/kg	197	50		12/07/11 19:34	135-98-8	
tert-Butylbenzene	ND	ug/kg	197	50		12/07/11 19:34	98-06-6	
Carbon tetrachloride	ND	ug/kg	197	50		12/07/11 19:34	56-23-5	
Chlorobenzene	ND	ug/kg	197	50		12/07/11 19:34	108-90-7	
Chloroethane	ND	ug/kg	394	50		12/07/11 19:34	75-00-3	
Chloroform	ND	ug/kg	197	50		12/07/11 19:34	67-66-3	
Chloromethane	ND	ug/kg	394	50		12/07/11 19:34	74-87-3	
2-Chlorotoluene	ND	ug/kg	197	50		12/07/11 19:34	95-49-8	
4-Chlorotoluene	ND	ug/kg	197	50		12/07/11 19:34	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	197	50		12/07/11 19:34	96-12-8	
Dibromochloromethane	ND	ug/kg	197	50		12/07/11 19:34	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	197	50		12/07/11 19:34	106-93-4	
Dibromomethane	ND	ug/kg	197	50		12/07/11 19:34	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	197	50		12/07/11 19:34	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	197	50		12/07/11 19:34	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	197	50		12/07/11 19:34	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	394	50		12/07/11 19:34	75-71-8	D3
1,1-Dichloroethane	ND	ug/kg	197	50		12/07/11 19:34	75-34-3	
1,2-Dichloroethane	ND	ug/kg	197	50		12/07/11 19:34	107-06-2	
1,1-Dichloroethene	ND	ug/kg	197	50		12/07/11 19:34	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	197	50		12/07/11 19:34	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	197	50		12/07/11 19:34	156-60-5	
1,2-Dichloropropane	ND	ug/kg	197	50		12/07/11 19:34	78-87-5	
1,3-Dichloropropane	ND	ug/kg	197	50		12/07/11 19:34	142-28-9	
2,2-Dichloropropane	ND	ug/kg	197	50		12/07/11 19:34	594-20-7	
1,1-Dichloropropene	ND	ug/kg	197	50		12/07/11 19:34	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	197	50		12/07/11 19:34	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	197	50		12/07/11 19:34	10061-02-6	
Diisopropyl ether	ND	ug/kg	197	50		12/07/11 19:34	108-20-3	
Ethylbenzene	ND	ug/kg	197	50		12/07/11 19:34	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	197	50		12/07/11 19:34	87-68-3	
2-Hexanone	ND	ug/kg	1970	50		12/07/11 19:34	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	197	50		12/07/11 19:34	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-2-3 (9') **Lab ID: 92107633006** Collected: 11/30/11 09:20 Received: 12/02/11 16:24 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	197	50		12/07/11 19:34	99-87-6	
Methylene Chloride	ND	ug/kg	788	50		12/07/11 19:34	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	1970	50		12/07/11 19:34	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	197	50		12/07/11 19:34	1634-04-4	
Naphthalene	**672**	ug/kg	197	50		12/07/11 19:34	91-20-3	
n-Propylbenzene	ND	ug/kg	197	50		12/07/11 19:34	103-65-1	
Styrene	ND	ug/kg	197	50		12/07/11 19:34	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	197	50		12/07/11 19:34	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	197	50		12/07/11 19:34	79-34-5	
Tetrachloroethene	ND	ug/kg	197	50		12/07/11 19:34	127-18-4	
Toluene	ND	ug/kg	197	50		12/07/11 19:34	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	197	50		12/07/11 19:34	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	197	50		12/07/11 19:34	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	197	50		12/07/11 19:34	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	197	50		12/07/11 19:34	79-00-5	
Trichloroethene	ND	ug/kg	197	50		12/07/11 19:34	79-01-6	
Trichlorofluoromethane	ND	ug/kg	197	50		12/07/11 19:34	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	197	50		12/07/11 19:34	96-18-4	
1,2,4-Trimethylbenzene	**1220**	ug/kg	197	50		12/07/11 19:34	95-63-6	
1,3,5-Trimethylbenzene	**525**	ug/kg	197	50		12/07/11 19:34	108-67-8	
Vinyl acetate	ND	ug/kg	1970	50		12/07/11 19:34	108-05-4	
Vinyl chloride	ND	ug/kg	394	50		12/07/11 19:34	75-01-4	
Xylene (Total)	**759**	ug/kg	394	50		12/07/11 19:34	1330-20-7	
m&p-Xylene	**440**	ug/kg	394	50		12/07/11 19:34	179601-23-1	
o-Xylene	**319**	ug/kg	197	50		12/07/11 19:34	95-47-6	
Surrogates								
Dibromofluoromethane (S)	90	%	70-130	50		12/07/11 19:34	1868-53-7	
Toluene-d8 (S)	103	%	70-130	50		12/07/11 19:34	2037-26-5	
4-Bromofluorobenzene (S)	99	%	70-130	50		12/07/11 19:34	460-00-4	
1,2-Dichloroethane-d4 (S)	88	%	70-132	50		12/07/11 19:34	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.7**	%	0.10	1		12/05/11 15:58		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-1 (9') **Lab ID: 92107633007** Collected: 11/30/11 09:25 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	11.9	1	12/05/11 08:35	12/07/11 11:29		N2
Aliphatic (C19-C36)	ND	mg/kg	11.9	1	12/05/11 08:35	12/07/11 11:29		N2
Aromatic (C11-C22)	ND	mg/kg	11.9	1	12/05/11 08:35	12/07/11 11:29		N2
Surrogates								
Nonatriacontane (S)	57	%	40-140	1	12/05/11 08:35	12/07/11 11:29	7194-86-7	
o-Terphenyl (S)	61	%	40-140	1	12/05/11 08:35	12/07/11 11:29	84-15-1	
2-Fluorobiphenyl (S)	74	%	40-140	1	12/05/11 08:35	12/07/11 11:29	321-60-8	
2-Bromonaphthalene (S)	82	%	40-140	1	12/05/11 08:35	12/07/11 11:29	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.7	1	12/05/11 11:10	12/08/11 07:33		N2
Aliphatic (C09-C12)	ND	mg/kg	2.7	1	12/05/11 11:10	12/08/11 07:33		N2
Aromatic (C09-C10)	ND	mg/kg	2.7	1	12/05/11 11:10	12/08/11 07:33		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	89	%	70-130	1	12/05/11 11:10	12/08/11 07:33		
2,5-Dibromotoluene (FID)(S)	100	%	70-130	1	12/05/11 11:10	12/08/11 07:33		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	83-32-9	
Acenaphthylene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	208-96-8	
Aniline	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	62-53-3	
Anthracene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	120-12-7	
Benzo(a)anthracene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	56-55-3	
Benzo(a)pyrene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	207-08-9	
Benzoic Acid	ND	ug/kg	1950	1	12/05/11 13:30	12/06/11 19:17	65-85-0	
Benzyl alcohol	ND	ug/kg	779	1	12/05/11 13:30	12/06/11 19:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	101-55-3	
Butylbenzylphthalate	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	779	1	12/05/11 13:30	12/06/11 19:17	59-50-7	
4-Chloroaniline	ND	ug/kg	1950	1	12/05/11 13:30	12/06/11 19:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	108-60-1	
2-Chloronaphthalene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	91-58-7	
2-Chlorophenol	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	7005-72-3	
Chrysene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	53-70-3	
Dibenzofuran	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1950	1	12/05/11 13:30	12/06/11 19:17	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-1 (9') **Lab ID: 92107633007** Collected: 11/30/11 09:25 Received: 12/02/11 16:24 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	390	1	12/05/11 13:30	12/06/11 19:17	120-83-2	
Diethylphthalate	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	105-67-9	
Dimethylphthalate	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	131-11-3	
Di-n-butylphthalate	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	779	1	12/05/11 13:30	12/06/11 19:17	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1950	1	12/05/11 13:30	12/06/11 19:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	606-20-2	
Di-n-octylphthalate	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	117-81-7	
Fluoranthene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	206-44-0	
Fluorene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	87-68-3	
Hexachlorobenzene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	77-47-4	
Hexachloroethane	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	193-39-5	
Isophorone	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	78-59-1	
1-Methylnaphthalene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	90-12-0	
2-Methylnaphthalene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17		
Naphthalene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	91-20-3	
2-Nitroaniline	ND	ug/kg	1950	1	12/05/11 13:30	12/06/11 19:17	88-74-4	
3-Nitroaniline	ND	ug/kg	1950	1	12/05/11 13:30	12/06/11 19:17	99-09-2	
4-Nitroaniline	ND	ug/kg	779	1	12/05/11 13:30	12/06/11 19:17	100-01-6	
Nitrobenzene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	98-95-3	
2-Nitrophenol	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	88-75-5	
4-Nitrophenol	ND	ug/kg	1950	1	12/05/11 13:30	12/06/11 19:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	86-30-6	
Pentachlorophenol	ND	ug/kg	1950	1	12/05/11 13:30	12/06/11 19:17	87-86-5	
Phenanthrene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	85-01-8	
Phenol	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	108-95-2	
Pyrene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	390	1	12/05/11 13:30	12/06/11 19:17	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	59	%	23-110	1	12/05/11 13:30	12/06/11 19:17	4165-60-0	
2-Fluorobiphenyl (S)	45	%	30-110	1	12/05/11 13:30	12/06/11 19:17	321-60-8	
Terphenyl-d14 (S)	30	%	28-110	1	12/05/11 13:30	12/06/11 19:17	1718-51-0	
Phenol-d6 (S)	51	%	22-110	1	12/05/11 13:30	12/06/11 19:17	13127-88-3	
2-Fluorophenol (S)	51	%	13-110	1	12/05/11 13:30	12/06/11 19:17	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-1 (9') **Lab ID: 92107633007** Collected: 11/30/11 09:25 Received: 12/02/11 16:24 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)	56	%	27-110	1	12/05/11 13:30	12/06/11 19:17	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	91.3	1		12/07/11 19:54	67-64-1	
Benzene	ND	ug/kg	4.6	1		12/07/11 19:54	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		12/07/11 19:54	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		12/07/11 19:54	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		12/07/11 19:54	75-27-4	
Bromoform	ND	ug/kg	4.6	1		12/07/11 19:54	75-25-2	
Bromomethane	ND	ug/kg	9.1	1		12/07/11 19:54	74-83-9	
2-Butanone (MEK)	ND	ug/kg	91.3	1		12/07/11 19:54	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		12/07/11 19:54	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		12/07/11 19:54	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		12/07/11 19:54	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.6	1		12/07/11 19:54	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		12/07/11 19:54	108-90-7	
Chloroethane	ND	ug/kg	9.1	1		12/07/11 19:54	75-00-3	
Chloroform	ND	ug/kg	4.6	1		12/07/11 19:54	67-66-3	
Chloromethane	ND	ug/kg	9.1	1		12/07/11 19:54	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		12/07/11 19:54	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		12/07/11 19:54	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	1		12/07/11 19:54	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1		12/07/11 19:54	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		12/07/11 19:54	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		12/07/11 19:54	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		12/07/11 19:54	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		12/07/11 19:54	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		12/07/11 19:54	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.1	1		12/07/11 19:54	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		12/07/11 19:54	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		12/07/11 19:54	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		12/07/11 19:54	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/07/11 19:54	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/07/11 19:54	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		12/07/11 19:54	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		12/07/11 19:54	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		12/07/11 19:54	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		12/07/11 19:54	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/07/11 19:54	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/07/11 19:54	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.6	1		12/07/11 19:54	108-20-3	
Ethylbenzene	**4.7**	ug/kg	4.6	1		12/07/11 19:54	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		12/07/11 19:54	87-68-3	
2-Hexanone	ND	ug/kg	45.6	1		12/07/11 19:54	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		12/07/11 19:54	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-1 (9') **Lab ID: 92107633007** Collected: 11/30/11 09:25 Received: 12/02/11 16:24 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	4.6	1		12/07/11 19:54	99-87-6	
Methylene Chloride	ND	ug/kg	18.3	1		12/07/11 19:54	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.6	1		12/07/11 19:54	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		12/07/11 19:54	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		12/07/11 19:54	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		12/07/11 19:54	103-65-1	
Styrene	ND	ug/kg	4.6	1		12/07/11 19:54	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/07/11 19:54	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/07/11 19:54	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		12/07/11 19:54	127-18-4	
Toluene	**7.1**	ug/kg	4.6	1		12/07/11 19:54	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		12/07/11 19:54	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		12/07/11 19:54	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		12/07/11 19:54	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		12/07/11 19:54	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		12/07/11 19:54	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		12/07/11 19:54	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		12/07/11 19:54	96-18-4	
1,2,4-Trimethylbenzene	**39.0**	ug/kg	4.6	1		12/07/11 19:54	95-63-6	
1,3,5-Trimethylbenzene	**14.3**	ug/kg	4.6	1		12/07/11 19:54	108-67-8	
Vinyl acetate	ND	ug/kg	45.6	1		12/07/11 19:54	108-05-4	
Vinyl chloride	ND	ug/kg	9.1	1		12/07/11 19:54	75-01-4	
Xylene (Total)	**55.3**	ug/kg	9.1	1		12/07/11 19:54	1330-20-7	
m&p-Xylene	**32.6**	ug/kg	9.1	1		12/07/11 19:54	179601-23-1	
o-Xylene	**22.7**	ug/kg	4.6	1		12/07/11 19:54	95-47-6	
Surrogates								
Dibromofluoromethane (S)	99	%	70-130	1		12/07/11 19:54	1868-53-7	
Toluene-d8 (S)	103	%	70-130	1		12/07/11 19:54	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		12/07/11 19:54	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-132	1		12/07/11 19:54	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**15.9**	%	0.10	1		12/05/11 15:58		

Pace Analytical
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-2 (9') **Lab ID: 92107633008** Collected: 11/30/11 09:30 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	**401**	mg/kg	115	10	12/05/11 08:35	12/08/11 10:43		N2
Aliphatic (C19-C36)	ND	mg/kg	115	10	12/05/11 08:35	12/08/11 10:43		N2
Aromatic (C11-C22)	**222**	mg/kg	46.0	4	12/05/11 08:35	12/08/11 10:43		N2
Surrogates								
Nonatriacontane (S)	0	%	40-140	10	12/05/11 08:35	12/08/11 10:43	7194-86-7	S4
o-Terphenyl (S)	89	%	40-140	4	12/05/11 08:35	12/08/11 10:43	84-15-1	
2-Fluorobiphenyl (S)	217	%	40-140	4	12/05/11 08:35	12/08/11 10:43	321-60-8	S5
2-Bromonaphthalene (S)	287	%	40-140	4	12/05/11 08:35	12/08/11 10:43	580-13-2	S5
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	**162**	mg/kg	53.9	20	12/05/11 11:10	12/08/11 07:58		N2
Aliphatic (C09-C12)	**3860**	mg/kg	53.9	20	12/05/11 11:10	12/08/11 07:58		N2,NC
Aromatic (C09-C10)	**1470**	mg/kg	53.9	20	12/05/11 11:10	12/08/11 07:58		N2,NC
Surrogates								
2,5-Dibromotoluene (PID)(S)	63	%	70-130	20	12/05/11 11:10	12/08/11 07:58		S4
2,5-Dibromotoluene (FID)(S)	52	%	70-130	20	12/05/11 11:10	12/08/11 07:58		S4
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	83-32-9	
Acenaphthylene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	208-96-8	
Aniline	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	62-53-3	
Anthracene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	120-12-7	
Benzo(a)anthracene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	56-55-3	
Benzo(a)pyrene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	207-08-9	
Benzoic Acid	ND	ug/kg	19100	10	12/09/11 08:26	12/13/11 11:26	65-85-0	
Benzyl alcohol	ND	ug/kg	7640	10	12/09/11 08:26	12/13/11 11:26	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	101-55-3	
Butylbenzylphthalate	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	7640	10	12/09/11 08:26	12/13/11 11:26	59-50-7	
4-Chloroaniline	ND	ug/kg	19100	10	12/09/11 08:26	12/13/11 11:26	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	108-60-1	
2-Chloronaphthalene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	91-58-7	
2-Chlorophenol	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	7005-72-3	
Chrysene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	53-70-3	
Dibenzofuran	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	19100	10	12/09/11 08:26	12/13/11 11:26	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-2 (9') **Lab ID: 92107633008** Collected: 11/30/11 09:30 Received: 12/02/11 16:24 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	3820	10	12/09/11 08:26	12/13/11 11:26	120-83-2	
Diethylphthalate	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	105-67-9	
Dimethylphthalate	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	131-11-3	
Di-n-butylphthalate	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	7640	10	12/09/11 08:26	12/13/11 11:26	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	19100	10	12/09/11 08:26	12/13/11 11:26	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	606-20-2	
Di-n-octylphthalate	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	117-81-7	
Fluoranthene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	206-44-0	
Fluorene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	87-68-3	
Hexachlorobenzene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	77-47-4	
Hexachloroethane	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	193-39-5	
Isophorone	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	78-59-1	
1-Methylnaphthalene	**6100**	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	90-12-0	
2-Methylnaphthalene	**11800**	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26		
Naphthalene	**10600**	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	91-20-3	
2-Nitroaniline	ND	ug/kg	19100	10	12/09/11 08:26	12/13/11 11:26	88-74-4	
3-Nitroaniline	ND	ug/kg	19100	10	12/09/11 08:26	12/13/11 11:26	99-09-2	
4-Nitroaniline	ND	ug/kg	7640	10	12/09/11 08:26	12/13/11 11:26	100-01-6	
Nitrobenzene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	98-95-3	
2-Nitrophenol	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	88-75-5	
4-Nitrophenol	ND	ug/kg	19100	10	12/09/11 08:26	12/13/11 11:26	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	86-30-6	
Pentachlorophenol	ND	ug/kg	19100	10	12/09/11 08:26	12/13/11 11:26	87-86-5	
Phenanthrene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	85-01-8	
Phenol	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	108-95-2	D3
Pyrene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	3820	10	12/09/11 08:26	12/13/11 11:26	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	0	%	23-110	10	12/09/11 08:26	12/13/11 11:26	4165-60-0	S4
2-Fluorobiphenyl (S)	0	%	30-110	10	12/09/11 08:26	12/13/11 11:26	321-60-8	
Terphenyl-d14 (S)	0	%	28-110	10	12/09/11 08:26	12/13/11 11:26	1718-51-0	
Phenol-d6 (S)	0	%	22-110	10	12/09/11 08:26	12/13/11 11:26	13127-88-3	
2-Fluorophenol (S)	0	%	13-110	10	12/09/11 08:26	12/13/11 11:26	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-2 (9') **Lab ID: 92107633008** Collected: 11/30/11 09:30 Received: 12/02/11 16:24 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)	0	%	27-110	10	12/09/11 08:26	12/13/11 11:26	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	4720	50		12/07/11 20:13	67-64-1	
Benzene	ND	ug/kg	236	50		12/07/11 20:13	71-43-2	
Bromobenzene	ND	ug/kg	236	50		12/07/11 20:13	108-86-1	
Bromochloromethane	ND	ug/kg	236	50		12/07/11 20:13	74-97-5	
Bromodichloromethane	ND	ug/kg	236	50		12/07/11 20:13	75-27-4	
Bromoform	ND	ug/kg	236	50		12/07/11 20:13	75-25-2	
Bromomethane	ND	ug/kg	472	50		12/07/11 20:13	74-83-9	
2-Butanone (MEK)	ND	ug/kg	4720	50		12/07/11 20:13	78-93-3	
n-Butylbenzene	ND	ug/kg	236	50		12/07/11 20:13	104-51-8	
sec-Butylbenzene	ND	ug/kg	236	50		12/07/11 20:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	236	50		12/07/11 20:13	98-06-6	
Carbon tetrachloride	ND	ug/kg	236	50		12/07/11 20:13	56-23-5	
Chlorobenzene	ND	ug/kg	236	50		12/07/11 20:13	108-90-7	
Chloroethane	ND	ug/kg	472	50		12/07/11 20:13	75-00-3	
Chloroform	ND	ug/kg	236	50		12/07/11 20:13	67-66-3	
Chloromethane	ND	ug/kg	472	50		12/07/11 20:13	74-87-3	
2-Chlorotoluene	ND	ug/kg	236	50		12/07/11 20:13	95-49-8	
4-Chlorotoluene	ND	ug/kg	236	50		12/07/11 20:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	236	50		12/07/11 20:13	96-12-8	
Dibromochloromethane	ND	ug/kg	236	50		12/07/11 20:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	236	50		12/07/11 20:13	106-93-4	
Dibromomethane	ND	ug/kg	236	50		12/07/11 20:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	236	50		12/07/11 20:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	236	50		12/07/11 20:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	236	50		12/07/11 20:13	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	472	50		12/07/11 20:13	75-71-8	
1,1-Dichloroethane	ND	ug/kg	236	50		12/07/11 20:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	236	50		12/07/11 20:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	236	50		12/07/11 20:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	236	50		12/07/11 20:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	236	50		12/07/11 20:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	236	50		12/07/11 20:13	78-87-5	
1,3-Dichloropropane	ND	ug/kg	236	50		12/07/11 20:13	142-28-9	
2,2-Dichloropropane	ND	ug/kg	236	50		12/07/11 20:13	594-20-7	
1,1-Dichloropropene	ND	ug/kg	236	50		12/07/11 20:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	236	50		12/07/11 20:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	236	50		12/07/11 20:13	10061-02-6	
Diisopropyl ether	ND	ug/kg	236	50		12/07/11 20:13	108-20-3	
Ethylbenzene	**1300**	ug/kg	236	50		12/07/11 20:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	236	50		12/07/11 20:13	87-68-3	
2-Hexanone	ND	ug/kg	2360	50		12/07/11 20:13	591-78-6	
Isopropylbenzene (Cumene)	**295**	ug/kg	236	50		12/07/11 20:13	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-2 (9') **Lab ID: 92107633008** Collected: 11/30/11 09:30 Received: 12/02/11 16:24 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	**9000**	ug/kg	236	50		12/07/11 20:13	99-87-6	
Methylene Chloride	ND	ug/kg	944	50		12/07/11 20:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	2360	50		12/07/11 20:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	236	50		12/07/11 20:13	1634-04-4	
Naphthalene	**33200**	ug/kg	5900	1250		12/09/11 21:01	91-20-3	
n-Propylbenzene	**459**	ug/kg	236	50		12/07/11 20:13	103-65-1	
Styrene	ND	ug/kg	236	50		12/07/11 20:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	236	50		12/07/11 20:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	236	50		12/07/11 20:13	79-34-5	
Tetrachloroethene	ND	ug/kg	236	50		12/07/11 20:13	127-18-4	
Toluene	**2320**	ug/kg	236	50		12/07/11 20:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	236	50		12/07/11 20:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	236	50		12/07/11 20:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	236	50		12/07/11 20:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	236	50		12/07/11 20:13	79-00-5	
Trichloroethene	ND	ug/kg	236	50		12/07/11 20:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	236	50		12/07/11 20:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	236	50		12/07/11 20:13	96-18-4	
1,2,4-Trimethylbenzene	**186000**	ug/kg	5900	1250		12/09/11 21:01	95-63-6	
1,3,5-Trimethylbenzene	**73300**	ug/kg	5900	1250		12/09/11 21:01	108-67-8	
Vinyl acetate	ND	ug/kg	2360	50		12/07/11 20:13	108-05-4	
Vinyl chloride	ND	ug/kg	472	50		12/07/11 20:13	75-01-4	
Xylene (Total)	**77600**	ug/kg	11800	1250		12/09/11 21:01	1330-20-7	
m&p-Xylene	**46600**	ug/kg	11800	1250		12/09/11 21:01	179601-23-1	
o-Xylene	**31000**	ug/kg	5900	1250		12/09/11 21:01	95-47-6	
Surrogates								
Dibromofluoromethane (S)	95	%	70-130	50		12/07/11 20:13	1868-53-7	
Toluene-d8 (S)	100	%	70-130	50		12/07/11 20:13	2037-26-5	
4-Bromofluorobenzene (S)	109	%	70-130	50		12/07/11 20:13	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-132	50		12/07/11 20:13	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**13.0**	%	0.10	1		12/05/11 15:58		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-3 (9') **Lab ID: 92107633009** Collected: 11/30/11 09:35 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	11.6	1	12/05/11 08:35	12/07/11 12:41		N2
Aliphatic (C19-C36)	ND	mg/kg	11.6	1	12/05/11 08:35	12/07/11 12:41		N2
Aromatic (C11-C22)	ND	mg/kg	11.6	1	12/05/11 08:35	12/07/11 12:41		N2
Surrogates								
Nonatriacontane (S)	86	%	40-140	1	12/05/11 08:35	12/07/11 12:41	7194-86-7	
o-Terphenyl (S)	66	%	40-140	1	12/05/11 08:35	12/07/11 12:41	84-15-1	
2-Fluorobiphenyl (S)	88	%	40-140	1	12/05/11 08:35	12/07/11 12:41	321-60-8	
2-Bromonaphthalene (S)	94	%	40-140	1	12/05/11 08:35	12/07/11 12:41	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	**6.5**	mg/kg	3.2	1	12/10/11 09:38	12/10/11 10:51		N2
Aliphatic (C09-C12)	**86.9**	mg/kg	3.2	1	12/10/11 09:38	12/10/11 10:51		N2,NC
Aromatic (C09-C10)	**27.5**	mg/kg	3.2	1	12/10/11 09:38	12/10/11 10:51		N2,NC
Surrogates								
2,5-Dibromotoluene (PID)(S)	195	%	70-130	1	12/10/11 09:38	12/10/11 10:51		S5
2,5-Dibromotoluene (FID)(S)	181	%	70-130	1	12/10/11 09:38	12/10/11 10:51		S5
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	83-32-9	
Acenaphthylene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	208-96-8	
Aniline	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	62-53-3	
Anthracene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	120-12-7	
Benzo(a)anthracene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	56-55-3	
Benzo(a)pyrene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	207-08-9	
Benzoic Acid	ND	ug/kg	1910	1	12/05/11 13:30	12/06/11 20:14	65-85-0	
Benzyl alcohol	ND	ug/kg	764	1	12/05/11 13:30	12/06/11 20:14	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	101-55-3	
Butylbenzylphthalate	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	764	1	12/05/11 13:30	12/06/11 20:14	59-50-7	
4-Chloroaniline	ND	ug/kg	1910	1	12/05/11 13:30	12/06/11 20:14	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	108-60-1	
2-Chloronaphthalene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	91-58-7	
2-Chlorophenol	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	7005-72-3	
Chrysene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	53-70-3	
Dibenzofuran	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1910	1	12/05/11 13:30	12/06/11 20:14	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-3 (9') **Lab ID: 92107633009** Collected: 11/30/11 09:35 Received: 12/02/11 16:24 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	382	1	12/05/11 13:30	12/06/11 20:14	120-83-2	
Diethylphthalate	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	105-67-9	
Dimethylphthalate	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	131-11-3	
Di-n-butylphthalate	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	764	1	12/05/11 13:30	12/06/11 20:14	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1910	1	12/05/11 13:30	12/06/11 20:14	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	606-20-2	
Di-n-octylphthalate	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	117-81-7	
Fluoranthene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	206-44-0	
Fluorene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	87-68-3	
Hexachlorobenzene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	77-47-4	
Hexachloroethane	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	193-39-5	
Isophorone	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	78-59-1	
1-Methylnaphthalene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	90-12-0	
2-Methylnaphthalene	**395**	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14		
Naphthalene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	91-20-3	
2-Nitroaniline	ND	ug/kg	1910	1	12/05/11 13:30	12/06/11 20:14	88-74-4	
3-Nitroaniline	ND	ug/kg	1910	1	12/05/11 13:30	12/06/11 20:14	99-09-2	
4-Nitroaniline	ND	ug/kg	764	1	12/05/11 13:30	12/06/11 20:14	100-01-6	
Nitrobenzene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	98-95-3	
2-Nitrophenol	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	88-75-5	
4-Nitrophenol	ND	ug/kg	1910	1	12/05/11 13:30	12/06/11 20:14	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	86-30-6	
Pentachlorophenol	ND	ug/kg	1910	1	12/05/11 13:30	12/06/11 20:14	87-86-5	
Phenanthrene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	85-01-8	
Phenol	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	108-95-2	
Pyrene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	382	1	12/05/11 13:30	12/06/11 20:14	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	44	%	23-110	1	12/05/11 13:30	12/06/11 20:14	4165-60-0	
2-Fluorobiphenyl (S)	40	%	30-110	1	12/05/11 13:30	12/06/11 20:14	321-60-8	
Terphenyl-d14 (S)	43	%	28-110	1	12/05/11 13:30	12/06/11 20:14	1718-51-0	
Phenol-d6 (S)	40	%	22-110	1	12/05/11 13:30	12/06/11 20:14	13127-88-3	
2-Fluorophenol (S)	40	%	13-110	1	12/05/11 13:30	12/06/11 20:14	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-3 (9') **Lab ID: 92107633009** Collected: 11/30/11 09:35 Received: 12/02/11 16:24 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)	55	%	27-110	1	12/05/11 13:30	12/06/11 20:14	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	**167**	ug/kg	90.5	1		12/07/11 20:33	67-64-1	
Benzene	**52.3**	ug/kg	4.5	1		12/07/11 20:33	71-43-2	
Bromobenzene	ND	ug/kg	4.5	1		12/07/11 20:33	108-86-1	
Bromochloromethane	ND	ug/kg	4.5	1		12/07/11 20:33	74-97-5	
Bromodichloromethane	ND	ug/kg	4.5	1		12/07/11 20:33	75-27-4	
Bromoform	ND	ug/kg	4.5	1		12/07/11 20:33	75-25-2	
Bromomethane	ND	ug/kg	9.1	1		12/07/11 20:33	74-83-9	
2-Butanone (MEK)	ND	ug/kg	90.5	1		12/07/11 20:33	78-93-3	
n-Butylbenzene	ND	ug/kg	4.5	1		12/07/11 20:33	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.5	1		12/07/11 20:33	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.5	1		12/07/11 20:33	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.5	1		12/07/11 20:33	56-23-5	
Chlorobenzene	ND	ug/kg	4.5	1		12/07/11 20:33	108-90-7	
Chloroethane	ND	ug/kg	9.1	1		12/07/11 20:33	75-00-3	
Chloroform	ND	ug/kg	4.5	1		12/07/11 20:33	67-66-3	
Chloromethane	ND	ug/kg	9.1	1		12/07/11 20:33	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.5	1		12/07/11 20:33	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.5	1		12/07/11 20:33	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.5	1		12/07/11 20:33	96-12-8	
Dibromochloromethane	ND	ug/kg	4.5	1		12/07/11 20:33	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.5	1		12/07/11 20:33	106-93-4	
Dibromomethane	ND	ug/kg	4.5	1		12/07/11 20:33	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.5	1		12/07/11 20:33	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.5	1		12/07/11 20:33	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.5	1		12/07/11 20:33	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.1	1		12/07/11 20:33	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.5	1		12/07/11 20:33	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.5	1		12/07/11 20:33	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.5	1		12/07/11 20:33	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/07/11 20:33	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.5	1		12/07/11 20:33	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.5	1		12/07/11 20:33	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.5	1		12/07/11 20:33	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.5	1		12/07/11 20:33	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.5	1		12/07/11 20:33	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/07/11 20:33	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.5	1		12/07/11 20:33	10061-02-6	
Diisopropyl ether	**8.7**	ug/kg	4.5	1		12/07/11 20:33	108-20-3	
Ethylbenzene	**51.7**	ug/kg	4.5	1		12/07/11 20:33	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.5	1		12/07/11 20:33	87-68-3	
2-Hexanone	ND	ug/kg	45.3	1		12/07/11 20:33	591-78-6	
Isopropylbenzene (Cumene)	**7.9**	ug/kg	4.5	1		12/07/11 20:33	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-3-3 (9') **Lab ID: 92107633009** Collected: 11/30/11 09:35 Received: 12/02/11 16:24 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	**19.9**	ug/kg	4.5	1		12/07/11 20:33	99-87-6	
Methylene Chloride	ND	ug/kg	18.1	1		12/07/11 20:33	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.3	1		12/07/11 20:33	108-10-1	
Methyl-tert-butyl ether	**5.1**	ug/kg	4.5	1		12/07/11 20:33	1634-04-4	
Naphthalene	**128**	ug/kg	4.5	1		12/07/11 20:33	91-20-3	
n-Propylbenzene	**28.0**	ug/kg	4.5	1		12/07/11 20:33	103-65-1	
Styrene	ND	ug/kg	4.5	1		12/07/11 20:33	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/07/11 20:33	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.5	1		12/07/11 20:33	79-34-5	
Tetrachloroethene	ND	ug/kg	4.5	1		12/07/11 20:33	127-18-4	
Toluene	**114**	ug/kg	4.5	1		12/07/11 20:33	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.5	1		12/07/11 20:33	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.5	1		12/07/11 20:33	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.5	1		12/07/11 20:33	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.5	1		12/07/11 20:33	79-00-5	
Trichloroethene	ND	ug/kg	4.5	1		12/07/11 20:33	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.5	1		12/07/11 20:33	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.5	1		12/07/11 20:33	96-18-4	
1,2,4-Trimethylbenzene	**1030**	ug/kg	90.5	20		12/09/11 20:21	95-63-6	
1,3,5-Trimethylbenzene	**144**	ug/kg	4.5	1		12/07/11 20:33	108-67-8	
Vinyl acetate	ND	ug/kg	45.3	1		12/07/11 20:33	108-05-4	
Vinyl chloride	ND	ug/kg	9.1	1		12/07/11 20:33	75-01-4	
Xylene (Total)	**447**	ug/kg	9.1	1		12/07/11 20:33	1330-20-7	
m&p-Xylene	**275**	ug/kg	9.1	1		12/07/11 20:33	179601-23-1	
o-Xylene	**171**	ug/kg	4.5	1		12/07/11 20:33	95-47-6	
Surrogates								
Dibromofluoromethane (S)	96	%	70-130	1		12/07/11 20:33	1868-53-7	
Toluene-d8 (S)	105	%	70-130	1		12/07/11 20:33	2037-26-5	
4-Bromofluorobenzene (S)	90	%	70-130	1		12/07/11 20:33	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-132	1		12/07/11 20:33	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**14.8**	%	0.10	1		12/05/11 15:58		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-1 (9') **Lab ID: 92107633010** Collected: 11/30/11 09:40 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	11.1	1	12/05/11 08:35	12/07/11 13:16		N2
Aliphatic (C19-C36)	ND	mg/kg	11.1	1	12/05/11 08:35	12/07/11 13:16		N2
Aromatic (C11-C22)	ND	mg/kg	11.1	1	12/05/11 08:35	12/07/11 13:16		N2
Surrogates								
Nonatriacontane (S)	81	%	40-140	1	12/05/11 08:35	12/07/11 13:16	7194-86-7	
o-Terphenyl (S)	70	%	40-140	1	12/05/11 08:35	12/07/11 13:16	84-15-1	
2-Fluorobiphenyl (S)	93	%	40-140	1	12/05/11 08:35	12/07/11 13:16	321-60-8	
2-Bromonaphthalene (S)	97	%	40-140	1	12/05/11 08:35	12/07/11 13:16	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.7	1	12/10/11 09:38	12/14/11 21:08		N2
Aliphatic (C09-C12)	**5.3**	mg/kg	2.7	1	12/10/11 09:38	12/14/11 21:08		N2
Aromatic (C09-C10)	ND	mg/kg	2.7	1	12/10/11 09:38	12/14/11 21:08		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	114	%	70-130	1	12/10/11 09:38	12/14/11 21:08		
2,5-Dibromotoluene (FID)(S)	125	%	70-130	1	12/10/11 09:38	12/14/11 21:08		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	83-32-9	
Acenaphthylene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	208-96-8	
Aniline	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	62-53-3	
Anthracene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	120-12-7	
Benzo(a)anthracene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	56-55-3	
Benzo(a)pyrene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	207-08-9	
Benzoic Acid	ND	ug/kg	1820	1	12/05/11 13:30	12/06/11 20:42	65-85-0	
Benzyl alcohol	ND	ug/kg	730	1	12/05/11 13:30	12/06/11 20:42	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	101-55-3	
Butylbenzylphthalate	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	730	1	12/05/11 13:30	12/06/11 20:42	59-50-7	
4-Chloroaniline	ND	ug/kg	1820	1	12/05/11 13:30	12/06/11 20:42	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	108-60-1	
2-Chloronaphthalene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	91-58-7	
2-Chlorophenol	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	7005-72-3	
Chrysene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	53-70-3	
Dibenzofuran	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1820	1	12/05/11 13:30	12/06/11 20:42	91-94-1	

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-1 (9') **Lab ID: 92107633010** Collected: 11/30/11 09:40 Received: 12/02/11 16:24 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	365	1	12/05/11 13:30	12/06/11 20:42	120-83-2	
Diethylphthalate	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	105-67-9	
Dimethylphthalate	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	131-11-3	
Di-n-butylphthalate	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	730	1	12/05/11 13:30	12/06/11 20:42	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1820	1	12/05/11 13:30	12/06/11 20:42	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	606-20-2	
Di-n-octylphthalate	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	117-81-7	
Fluoranthene	**433**	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	206-44-0	
Fluorene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	87-68-3	
Hexachlorobenzene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	77-47-4	
Hexachloroethane	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	193-39-5	
Isophorone	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	78-59-1	
1-Methylnaphthalene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	90-12-0	
2-Methylnaphthalene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42		
Naphthalene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	91-20-3	
2-Nitroaniline	ND	ug/kg	1820	1	12/05/11 13:30	12/06/11 20:42	88-74-4	
3-Nitroaniline	ND	ug/kg	1820	1	12/05/11 13:30	12/06/11 20:42	99-09-2	
4-Nitroaniline	ND	ug/kg	730	1	12/05/11 13:30	12/06/11 20:42	100-01-6	
Nitrobenzene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	98-95-3	
2-Nitrophenol	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	88-75-5	
4-Nitrophenol	ND	ug/kg	1820	1	12/05/11 13:30	12/06/11 20:42	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	86-30-6	
Pentachlorophenol	ND	ug/kg	1820	1	12/05/11 13:30	12/06/11 20:42	87-86-5	
Phenanthrene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	85-01-8	
Phenol	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	108-95-2	
Pyrene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	365	1	12/05/11 13:30	12/06/11 20:42	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	37	%	23-110	1	12/05/11 13:30	12/06/11 20:42	4165-60-0	
2-Fluorobiphenyl (S)	37	%	30-110	1	12/05/11 13:30	12/06/11 20:42	321-60-8	
Terphenyl-d14 (S)	37	%	28-110	1	12/05/11 13:30	12/06/11 20:42	1718-51-0	
Phenol-d6 (S)	36	%	22-110	1	12/05/11 13:30	12/06/11 20:42	13127-88-3	
2-Fluorophenol (S)	34	%	13-110	1	12/05/11 13:30	12/06/11 20:42	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-1 (9') **Lab ID: 92107633010** Collected: 11/30/11 09:40 Received: 12/02/11 16:24 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)	42	%	27-110	1	12/05/11 13:30	12/06/11 20:42	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	95.0	1		12/07/11 20:53	67-64-1	
Benzene	ND	ug/kg	4.7	1		12/07/11 20:53	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1		12/07/11 20:53	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	1		12/07/11 20:53	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1		12/07/11 20:53	75-27-4	
Bromoform	ND	ug/kg	4.7	1		12/07/11 20:53	75-25-2	
Bromomethane	ND	ug/kg	9.5	1		12/07/11 20:53	74-83-9	
2-Butanone (MEK)	ND	ug/kg	95.0	1		12/07/11 20:53	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		12/07/11 20:53	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		12/07/11 20:53	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.7	1		12/07/11 20:53	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.7	1		12/07/11 20:53	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		12/07/11 20:53	108-90-7	
Chloroethane	ND	ug/kg	9.5	1		12/07/11 20:53	75-00-3	
Chloroform	ND	ug/kg	4.7	1		12/07/11 20:53	67-66-3	
Chloromethane	ND	ug/kg	9.5	1		12/07/11 20:53	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.7	1		12/07/11 20:53	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.7	1		12/07/11 20:53	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	1		12/07/11 20:53	96-12-8	
Dibromochloromethane	ND	ug/kg	4.7	1		12/07/11 20:53	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		12/07/11 20:53	106-93-4	
Dibromomethane	ND	ug/kg	4.7	1		12/07/11 20:53	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		12/07/11 20:53	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		12/07/11 20:53	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		12/07/11 20:53	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.5	1		12/07/11 20:53	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		12/07/11 20:53	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		12/07/11 20:53	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		12/07/11 20:53	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		12/07/11 20:53	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		12/07/11 20:53	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		12/07/11 20:53	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.7	1		12/07/11 20:53	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.7	1		12/07/11 20:53	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.7	1		12/07/11 20:53	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		12/07/11 20:53	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		12/07/11 20:53	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.7	1		12/07/11 20:53	108-20-3	
Ethylbenzene	ND	ug/kg	4.7	1		12/07/11 20:53	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		12/07/11 20:53	87-68-3	
2-Hexanone	ND	ug/kg	47.5	1		12/07/11 20:53	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		12/07/11 20:53	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-1 (9') **Lab ID: 92107633010** Collected: 11/30/11 09:40 Received: 12/02/11 16:24 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	4.7	1		12/07/11 20:53	99-87-6	
Methylene Chloride	ND	ug/kg	19.0	1		12/07/11 20:53	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.5	1		12/07/11 20:53	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		12/07/11 20:53	1634-04-4	
Naphthalene	**18.7**	ug/kg	4.7	1		12/07/11 20:53	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		12/07/11 20:53	103-65-1	
Styrene	ND	ug/kg	4.7	1		12/07/11 20:53	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/07/11 20:53	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/07/11 20:53	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		12/07/11 20:53	127-18-4	
Toluene	**9.7**	ug/kg	4.7	1		12/07/11 20:53	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		12/07/11 20:53	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		12/07/11 20:53	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		12/07/11 20:53	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		12/07/11 20:53	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		12/07/11 20:53	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		12/07/11 20:53	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		12/07/11 20:53	96-18-4	
1,2,4-Trimethylbenzene	**50.7**	ug/kg	4.7	1		12/07/11 20:53	95-63-6	
1,3,5-Trimethylbenzene	**17.4**	ug/kg	4.7	1		12/07/11 20:53	108-67-8	
Vinyl acetate	ND	ug/kg	47.5	1		12/07/11 20:53	108-05-4	
Vinyl chloride	ND	ug/kg	9.5	1		12/07/11 20:53	75-01-4	
Xylene (Total)	**36.0**	ug/kg	9.5	1		12/07/11 20:53	1330-20-7	
m&p-Xylene	**22.5**	ug/kg	9.5	1		12/07/11 20:53	179601-23-1	
o-Xylene	**13.5**	ug/kg	4.7	1		12/07/11 20:53	95-47-6	
Surrogates								
Dibromofluoromethane (S)	93	%	70-130	1		12/07/11 20:53	1868-53-7	
Toluene-d8 (S)	105	%	70-130	1		12/07/11 20:53	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		12/07/11 20:53	460-00-4	
1,2-Dichloroethane-d4 (S)	90	%	70-132	1		12/07/11 20:53	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.5**	%	0.10	1		12/05/11 15:58		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-2 (9') **Lab ID: 92107633011** Collected: 11/30/11 09:45 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	11.1	1	12/05/11 08:35	12/07/11 13:53		N2
Aliphatic (C19-C36)	ND	mg/kg	11.1	1	12/05/11 08:35	12/07/11 13:53		N2
Aromatic (C11-C22)	ND	mg/kg	11.1	1	12/05/11 08:35	12/07/11 13:53		N2
Surrogates								
Nonatriacontane (S)	88	%	40-140	1	12/05/11 08:35	12/07/11 13:53	7194-86-7	
o-Terphenyl (S)	74	%	40-140	1	12/05/11 08:35	12/07/11 13:53	84-15-1	
2-Fluorobiphenyl (S)	94	%	40-140	1	12/05/11 08:35	12/07/11 13:53	321-60-8	
2-Bromonaphthalene (S)	99	%	40-140	1	12/05/11 08:35	12/07/11 13:53	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	2.8	1	12/10/11 09:38	12/14/11 19:31		N2
Aliphatic (C09-C12)	**30.9**	mg/kg	2.8	1	12/10/11 09:38	12/14/11 19:31		N2
Aromatic (C09-C10)	**10.4**	mg/kg	2.8	1	12/10/11 09:38	12/14/11 19:31		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	130	%	70-130	1	12/10/11 09:38	12/14/11 19:31		
2,5-Dibromotoluene (FID)(S)	129	%	70-130	1	12/10/11 09:38	12/14/11 19:31		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	83-32-9	
Acenaphthylene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	208-96-8	
Aniline	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	62-53-3	
Anthracene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	120-12-7	
Benzo(a)anthracene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	56-55-3	
Benzo(a)pyrene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	207-08-9	
Benzoic Acid	ND	ug/kg	1800	1	12/05/11 13:30	12/06/11 16:25	65-85-0	
Benzyl alcohol	ND	ug/kg	722	1	12/05/11 13:30	12/06/11 16:25	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	101-55-3	
Butylbenzylphthalate	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	722	1	12/05/11 13:30	12/06/11 16:25	59-50-7	
4-Chloroaniline	ND	ug/kg	1800	1	12/05/11 13:30	12/06/11 16:25	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	108-60-1	
2-Chloronaphthalene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	91-58-7	
2-Chlorophenol	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	7005-72-3	
Chrysene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	53-70-3	
Dibenzofuran	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1800	1	12/05/11 13:30	12/06/11 16:25	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-2 (9') **Lab ID: 92107633011** Collected: 11/30/11 09:45 Received: 12/02/11 16:24 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	361	1	12/05/11 13:30	12/06/11 16:25	120-83-2	
Diethylphthalate	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	105-67-9	
Dimethylphthalate	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	131-11-3	
Di-n-butylphthalate	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	722	1	12/05/11 13:30	12/06/11 16:25	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1800	1	12/05/11 13:30	12/06/11 16:25	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	606-20-2	
Di-n-octylphthalate	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	117-81-7	
Fluoranthene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	206-44-0	
Fluorene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	87-68-3	
Hexachlorobenzene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	77-47-4	
Hexachloroethane	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	193-39-5	
Isophorone	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	78-59-1	
1-Methylnaphthalene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	90-12-0	
2-Methylnaphthalene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25		
Naphthalene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	91-20-3	
2-Nitroaniline	ND	ug/kg	1800	1	12/05/11 13:30	12/06/11 16:25	88-74-4	
3-Nitroaniline	ND	ug/kg	1800	1	12/05/11 13:30	12/06/11 16:25	99-09-2	
4-Nitroaniline	ND	ug/kg	722	1	12/05/11 13:30	12/06/11 16:25	100-01-6	
Nitrobenzene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	98-95-3	
2-Nitrophenol	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	88-75-5	
4-Nitrophenol	ND	ug/kg	1800	1	12/05/11 13:30	12/06/11 16:25	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	86-30-6	
Pentachlorophenol	ND	ug/kg	1800	1	12/05/11 13:30	12/06/11 16:25	87-86-5	
Phenanthrene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	85-01-8	
Phenol	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	108-95-2	
Pyrene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	361	1	12/05/11 13:30	12/06/11 16:25	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	64	%	23-110	1	12/05/11 13:30	12/06/11 16:25	4165-60-0	
2-Fluorobiphenyl (S)	61	%	30-110	1	12/05/11 13:30	12/06/11 16:25	321-60-8	
Terphenyl-d14 (S)	47	%	28-110	1	12/05/11 13:30	12/06/11 16:25	1718-51-0	
Phenol-d6 (S)	70	%	22-110	1	12/05/11 13:30	12/06/11 16:25	13127-88-3	
2-Fluorophenol (S)	64	%	13-110	1	12/05/11 13:30	12/06/11 16:25	367-12-4	

Pace Analytical
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-2 (9') **Lab ID: 92107633011** Collected: 11/30/11 09:45 Received: 12/02/11 16:24 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)	69	%	27-110	1	12/05/11 13:30	12/06/11 16:25	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	107	1		12/07/11 21:13	67-64-1	
Benzene	ND	ug/kg	5.4	1		12/07/11 21:13	71-43-2	
Bromobenzene	ND	ug/kg	5.4	1		12/07/11 21:13	108-86-1	
Bromochloromethane	ND	ug/kg	5.4	1		12/07/11 21:13	74-97-5	
Bromodichloromethane	ND	ug/kg	5.4	1		12/07/11 21:13	75-27-4	
Bromoform	ND	ug/kg	5.4	1		12/07/11 21:13	75-25-2	
Bromomethane	ND	ug/kg	10.7	1		12/07/11 21:13	74-83-9	
2-Butanone (MEK)	ND	ug/kg	107	1		12/07/11 21:13	78-93-3	
n-Butylbenzene	ND	ug/kg	5.4	1		12/07/11 21:13	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.4	1		12/07/11 21:13	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.4	1		12/07/11 21:13	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.4	1		12/07/11 21:13	56-23-5	
Chlorobenzene	ND	ug/kg	5.4	1		12/07/11 21:13	108-90-7	
Chloroethane	ND	ug/kg	10.7	1		12/07/11 21:13	75-00-3	
Chloroform	ND	ug/kg	5.4	1		12/07/11 21:13	67-66-3	
Chloromethane	ND	ug/kg	10.7	1		12/07/11 21:13	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.4	1		12/07/11 21:13	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.4	1		12/07/11 21:13	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.4	1		12/07/11 21:13	96-12-8	
Dibromochloromethane	ND	ug/kg	5.4	1		12/07/11 21:13	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.4	1		12/07/11 21:13	106-93-4	
Dibromomethane	ND	ug/kg	5.4	1		12/07/11 21:13	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.4	1		12/07/11 21:13	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.4	1		12/07/11 21:13	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.4	1		12/07/11 21:13	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.7	1		12/07/11 21:13	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.4	1		12/07/11 21:13	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.4	1		12/07/11 21:13	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.4	1		12/07/11 21:13	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.4	1		12/07/11 21:13	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.4	1		12/07/11 21:13	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.4	1		12/07/11 21:13	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.4	1		12/07/11 21:13	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.4	1		12/07/11 21:13	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.4	1		12/07/11 21:13	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.4	1		12/07/11 21:13	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.4	1		12/07/11 21:13	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.4	1		12/07/11 21:13	108-20-3	
Ethylbenzene	ND	ug/kg	5.4	1		12/07/11 21:13	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.4	1		12/07/11 21:13	87-68-3	
2-Hexanone	ND	ug/kg	53.7	1		12/07/11 21:13	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.4	1		12/07/11 21:13	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-2 (9') **Lab ID: 92107633011** Collected: 11/30/11 09:45 Received: 12/02/11 16:24 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	5.4	1		12/07/11 21:13	99-87-6	
Methylene Chloride	ND	ug/kg	21.5	1		12/07/11 21:13	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	53.7	1		12/07/11 21:13	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.4	1		12/07/11 21:13	1634-04-4	
Naphthalene	**20.2**	ug/kg	5.4	1		12/07/11 21:13	91-20-3	
n-Propylbenzene	ND	ug/kg	5.4	1		12/07/11 21:13	103-65-1	
Styrene	ND	ug/kg	5.4	1		12/07/11 21:13	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.4	1		12/07/11 21:13	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.4	1		12/07/11 21:13	79-34-5	
Tetrachloroethene	ND	ug/kg	5.4	1		12/07/11 21:13	127-18-4	
Toluene	**11.9**	ug/kg	5.4	1		12/07/11 21:13	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.4	1		12/07/11 21:13	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.4	1		12/07/11 21:13	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.4	1		12/07/11 21:13	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.4	1		12/07/11 21:13	79-00-5	
Trichloroethene	ND	ug/kg	5.4	1		12/07/11 21:13	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.4	1		12/07/11 21:13	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.4	1		12/07/11 21:13	96-18-4	
1,2,4-Trimethylbenzene	**82.7**	ug/kg	5.4	1		12/07/11 21:13	95-63-6	
1,3,5-Trimethylbenzene	**31.0**	ug/kg	5.4	1		12/07/11 21:13	108-67-8	
Vinyl acetate	ND	ug/kg	53.7	1		12/07/11 21:13	108-05-4	
Vinyl chloride	ND	ug/kg	10.7	1		12/07/11 21:13	75-01-4	
Xylene (Total)	**50.5**	ug/kg	10.7	1		12/07/11 21:13	1330-20-7	
m&p-Xylene	**27.0**	ug/kg	10.7	1		12/07/11 21:13	179601-23-1	
o-Xylene	**23.5**	ug/kg	5.4	1		12/07/11 21:13	95-47-6	
Surrogates								
Dibromofluoromethane (S)	99	%	70-130	1		12/07/11 21:13	1868-53-7	
Toluene-d8 (S)	99	%	70-130	1		12/07/11 21:13	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		12/07/11 21:13	460-00-4	
1,2-Dichloroethane-d4 (S)	93	%	70-132	1		12/07/11 21:13	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**9.7**	%	0.10	1		12/05/11 16:02		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-3 (9') **Lab ID: 92107633012** Collected: 11/30/11 09:50 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	11.2	1	12/05/11 08:35	12/07/11 14:28		N2
Aliphatic (C19-C36)	ND	mg/kg	11.2	1	12/05/11 08:35	12/07/11 14:28		N2
Aromatic (C11-C22)	ND	mg/kg	11.2	1	12/05/11 08:35	12/07/11 14:28		N2
Surrogates								
Nonatriacontane (S)	82	%	40-140	1	12/05/11 08:35	12/07/11 14:28	7194-86-7	
o-Terphenyl (S)	66	%	40-140	1	12/05/11 08:35	12/07/11 14:28	84-15-1	
2-Fluorobiphenyl (S)	91	%	40-140	1	12/05/11 08:35	12/07/11 14:28	321-60-8	
2-Bromonaphthalene (S)	95	%	40-140	1	12/05/11 08:35	12/07/11 14:28	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.2	1	12/10/11 09:38	12/14/11 19:55		N2
Aliphatic (C09-C12)	ND	mg/kg	3.2	1	12/10/11 09:38	12/14/11 19:55		N2
Aromatic (C09-C10)	ND	mg/kg	3.2	1	12/10/11 09:38	12/14/11 19:55		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	104	%	70-130	1	12/10/11 09:38	12/14/11 19:55		
2,5-Dibromotoluene (FID)(S)	116	%	70-130	1	12/10/11 09:38	12/14/11 19:55		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	83-32-9	
Acenaphthylene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	208-96-8	
Aniline	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	62-53-3	
Anthracene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	120-12-7	
Benzo(a)anthracene	**577**	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	56-55-3	
Benzo(a)pyrene	**573**	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	50-32-8	
Benzo(b)fluoranthene	**636**	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	191-24-2	
Benzo(k)fluoranthene	**637**	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	207-08-9	
Benzoic Acid	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 15:56	65-85-0	
Benzyl alcohol	ND	ug/kg	740	1	12/05/11 13:30	12/06/11 15:56	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	101-55-3	
Butylbenzylphthalate	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	740	1	12/05/11 13:30	12/06/11 15:56	59-50-7	
4-Chloroaniline	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 15:56	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	108-60-1	
2-Chloronaphthalene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	91-58-7	
2-Chlorophenol	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	7005-72-3	
Chrysene	**626**	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	53-70-3	
Dibenzofuran	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 15:56	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-3 (9') **Lab ID: 92107633012** Collected: 11/30/11 09:50 Received: 12/02/11 16:24 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	370	1	12/05/11 13:30	12/06/11 15:56	120-83-2	
Diethylphthalate	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	105-67-9	
Dimethylphthalate	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	131-11-3	
Di-n-butylphthalate	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	740	1	12/05/11 13:30	12/06/11 15:56	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 15:56	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	606-20-2	
Di-n-octylphthalate	**457**	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	117-81-7	
Fluoranthene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	206-44-0	
Fluorene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	87-68-3	
Hexachlorobenzene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	77-47-4	
Hexachloroethane	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	193-39-5	
Isophorone	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	78-59-1	
1-Methylnaphthalene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	90-12-0	
2-Methylnaphthalene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56		
Naphthalene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	91-20-3	
2-Nitroaniline	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 15:56	88-74-4	
3-Nitroaniline	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 15:56	99-09-2	
4-Nitroaniline	ND	ug/kg	740	1	12/05/11 13:30	12/06/11 15:56	100-01-6	
Nitrobenzene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	98-95-3	
2-Nitrophenol	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	88-75-5	
4-Nitrophenol	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 15:56	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	86-30-6	
Pentachlorophenol	ND	ug/kg	1850	1	12/05/11 13:30	12/06/11 15:56	87-86-5	
Phenanthrene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	85-01-8	
Phenol	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	108-95-2	
Pyrene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	370	1	12/05/11 13:30	12/06/11 15:56	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	56	%	23-110	1	12/05/11 13:30	12/06/11 15:56	4165-60-0	
2-Fluorobiphenyl (S)	52	%	30-110	1	12/05/11 13:30	12/06/11 15:56	321-60-8	
Terphenyl-d14 (S)	33	%	28-110	1	12/05/11 13:30	12/06/11 15:56	1718-51-0	
Phenol-d6 (S)	58	%	22-110	1	12/05/11 13:30	12/06/11 15:56	13127-88-3	
2-Fluorophenol (S)	56	%	13-110	1	12/05/11 13:30	12/06/11 15:56	367-12-4	

Pace Analytical
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-3 (9') **Lab ID: 92107633012** Collected: 11/30/11 09:50 Received: 12/02/11 16:24 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)	59	%	27-110	1	12/05/11 13:30	12/06/11 15:56	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	91.6	1		12/07/11 21:32	67-64-1	
Benzene	ND	ug/kg	4.6	1		12/07/11 21:32	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		12/07/11 21:32	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		12/07/11 21:32	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		12/07/11 21:32	75-27-4	
Bromoform	ND	ug/kg	4.6	1		12/07/11 21:32	75-25-2	
Bromomethane	ND	ug/kg	9.2	1		12/07/11 21:32	74-83-9	
2-Butanone (MEK)	ND	ug/kg	91.6	1		12/07/11 21:32	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		12/07/11 21:32	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		12/07/11 21:32	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		12/07/11 21:32	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.6	1		12/07/11 21:32	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		12/07/11 21:32	108-90-7	
Chloroethane	ND	ug/kg	9.2	1		12/07/11 21:32	75-00-3	
Chloroform	ND	ug/kg	4.6	1		12/07/11 21:32	67-66-3	
Chloromethane	ND	ug/kg	9.2	1		12/07/11 21:32	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		12/07/11 21:32	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		12/07/11 21:32	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	1		12/07/11 21:32	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1		12/07/11 21:32	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		12/07/11 21:32	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		12/07/11 21:32	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		12/07/11 21:32	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		12/07/11 21:32	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		12/07/11 21:32	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.2	1		12/07/11 21:32	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.6	1		12/07/11 21:32	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		12/07/11 21:32	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		12/07/11 21:32	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/07/11 21:32	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/07/11 21:32	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		12/07/11 21:32	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		12/07/11 21:32	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		12/07/11 21:32	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		12/07/11 21:32	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/07/11 21:32	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/07/11 21:32	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.6	1		12/07/11 21:32	108-20-3	
Ethylbenzene	ND	ug/kg	4.6	1		12/07/11 21:32	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		12/07/11 21:32	87-68-3	
2-Hexanone	ND	ug/kg	45.8	1		12/07/11 21:32	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		12/07/11 21:32	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-4-3 (9') **Lab ID: 92107633012** Collected: 11/30/11 09:50 Received: 12/02/11 16:24 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	4.6	1		12/07/11 21:32	99-87-6	
Methylene Chloride	ND	ug/kg	18.3	1		12/07/11 21:32	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	45.8	1		12/07/11 21:32	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		12/07/11 21:32	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		12/07/11 21:32	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		12/07/11 21:32	103-65-1	
Styrene	ND	ug/kg	4.6	1		12/07/11 21:32	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/07/11 21:32	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/07/11 21:32	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		12/07/11 21:32	127-18-4	
Toluene	**4.8**	ug/kg	4.6	1		12/07/11 21:32	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		12/07/11 21:32	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		12/07/11 21:32	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		12/07/11 21:32	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		12/07/11 21:32	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		12/07/11 21:32	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		12/07/11 21:32	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		12/07/11 21:32	96-18-4	
1,2,4-Trimethylbenzene	**6.4**	ug/kg	4.6	1		12/07/11 21:32	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		12/07/11 21:32	108-67-8	
Vinyl acetate	ND	ug/kg	45.8	1		12/07/11 21:32	108-05-4	
Vinyl chloride	ND	ug/kg	9.2	1		12/07/11 21:32	75-01-4	
Xylene (Total)	**11.0**	ug/kg	9.2	1		12/07/11 21:32	1330-20-7	
m&p-Xylene	ND	ug/kg	9.2	1		12/07/11 21:32	179601-23-1	
o-Xylene	**4.7**	ug/kg	4.6	1		12/07/11 21:32	95-47-6	
Surrogates								
Dibromofluoromethane (S)	99	%	70-130	1		12/07/11 21:32	1868-53-7	
Toluene-d8 (S)	99	%	70-130	1		12/07/11 21:32	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		12/07/11 21:32	460-00-4	
1,2-Dichloroethane-d4 (S)	92	%	70-132	1		12/07/11 21:32	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**12.0**	%	0.10	1		12/05/11 16:02		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-5 (2') **Lab ID: 92107633013** Collected: 11/30/11 10:40 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	4830	400	12/05/11 08:35	12/08/11 11:19		N2
Aliphatic (C19-C36)	**11800**	mg/kg	4830	400	12/05/11 08:35	12/08/11 11:19		N2
Aromatic (C11-C22)	**1890**	mg/kg	302	25	12/05/11 08:35	12/08/11 11:19		N2
Surrogates								
Nonatriacontane (S)	0	%	40-140	400	12/05/11 08:35	12/08/11 11:19	7194-86-7	S4
o-Terphenyl (S)	0	%	40-140	25	12/05/11 08:35	12/08/11 11:19	84-15-1	S4
2-Fluorobiphenyl (S)	0	%	40-140	25	12/05/11 08:35	12/08/11 11:19	321-60-8	S4
2-Bromonaphthalene (S)	0	%	40-140	25	12/05/11 08:35	12/08/11 11:19	580-13-2	S4
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.1	1	12/10/11 09:38	12/10/11 12:30		N2
Aliphatic (C09-C12)	ND	mg/kg	3.1	1	12/10/11 09:38	12/10/11 12:30		N2
Aromatic (C09-C10)	ND	mg/kg	3.1	1	12/10/11 09:38	12/10/11 12:30		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	89	%	70-130	1	12/10/11 09:38	12/10/11 12:30		
2,5-Dibromotoluene (FID)(S)	116	%	70-130	1	12/10/11 09:38	12/10/11 12:30		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	83-32-9	
Acenaphthylene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	208-96-8	
Aniline	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	62-53-3	
Anthracene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	120-12-7	
Benzo(a)anthracene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	56-55-3	
Benzo(a)pyrene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	50-32-8	IO
Benzo(b)fluoranthene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	205-99-2	IO
Benzo(g,h,i)perylene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	191-24-2	IO
Benzo(k)fluoranthene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	207-08-9	IO
Benzoic Acid	ND	ug/kg	99500	50	12/05/11 13:30	12/06/11 17:23	65-85-0	
Benzyl alcohol	ND	ug/kg	39800	50	12/05/11 13:30	12/06/11 17:23	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	101-55-3	
Butylbenzylphthalate	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	39800	50	12/05/11 13:30	12/06/11 17:23	59-50-7	
4-Chloroaniline	ND	ug/kg	99500	50	12/05/11 13:30	12/06/11 17:23	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	108-60-1	
2-Chloronaphthalene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	91-58-7	
2-Chlorophenol	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	7005-72-3	
Chrysene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	53-70-3	IO
Dibenzofuran	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	99500	50	12/05/11 13:30	12/06/11 17:23	91-94-1	

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-5 (2') **Lab ID: 92107633013** Collected: 11/30/11 10:40 Received: 12/02/11 16:24 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	19900	50	12/05/11 13:30	12/06/11 17:23	120-83-2	
Diethylphthalate	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	105-67-9	
Dimethylphthalate	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	131-11-3	
Di-n-butylphthalate	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	39800	50	12/05/11 13:30	12/06/11 17:23	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	99500	50	12/05/11 13:30	12/06/11 17:23	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	606-20-2	
Di-n-octylphthalate	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	117-81-7	
Fluoranthene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	206-44-0	
Fluorene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	87-68-3	
Hexachlorobenzene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	77-47-4	
Hexachloroethane	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	193-39-5	IO
Isophorone	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	78-59-1	
1-Methylnaphthalene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	90-12-0	
2-Methylnaphthalene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23		
Naphthalene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	91-20-3	
2-Nitroaniline	ND	ug/kg	99500	50	12/05/11 13:30	12/06/11 17:23	88-74-4	
3-Nitroaniline	ND	ug/kg	99500	50	12/05/11 13:30	12/06/11 17:23	99-09-2	
4-Nitroaniline	ND	ug/kg	39800	50	12/05/11 13:30	12/06/11 17:23	100-01-6	
Nitrobenzene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	98-95-3	
2-Nitrophenol	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	88-75-5	
4-Nitrophenol	ND	ug/kg	99500	50	12/05/11 13:30	12/06/11 17:23	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	86-30-6	
Pentachlorophenol	ND	ug/kg	99500	50	12/05/11 13:30	12/06/11 17:23	87-86-5	
Phenanthrene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	85-01-8	
Phenol	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	108-95-2	D3
Pyrene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	19900	50	12/05/11 13:30	12/06/11 17:23	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	0	%	23-110	50	12/05/11 13:30	12/06/11 17:23	4165-60-0	S4
2-Fluorobiphenyl (S)	0	%	30-110	50	12/05/11 13:30	12/06/11 17:23	321-60-8	
Terphenyl-d14 (S)	0	%	28-110	50	12/05/11 13:30	12/06/11 17:23	1718-51-0	
Phenol-d6 (S)	0	%	22-110	50	12/05/11 13:30	12/06/11 17:23	13127-88-3	
2-Fluorophenol (S)	0	%	13-110	50	12/05/11 13:30	12/06/11 17:23	367-12-4	

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-5 (2') **Lab ID: 92107633013** Collected: 11/30/11 10:40 Received: 12/02/11 16:24 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)	0	%	27-110	50	12/05/11 13:30	12/06/11 17:23	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	**457**	ug/kg	92.1	1		12/10/11 16:36	67-64-1	E
Benzene	ND	ug/kg	4.6	1		12/10/11 16:36	71-43-2	
Bromobenzene	ND	ug/kg	4.6	1		12/10/11 16:36	108-86-1	
Bromochloromethane	ND	ug/kg	4.6	1		12/10/11 16:36	74-97-5	
Bromodichloromethane	ND	ug/kg	4.6	1		12/10/11 16:36	75-27-4	
Bromoform	ND	ug/kg	4.6	1		12/10/11 16:36	75-25-2	
Bromomethane	ND	ug/kg	9.2	1		12/10/11 16:36	74-83-9	
2-Butanone (MEK)	ND	ug/kg	92.1	1		12/10/11 16:36	78-93-3	
n-Butylbenzene	ND	ug/kg	4.6	1		12/10/11 16:36	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.6	1		12/10/11 16:36	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.6	1		12/10/11 16:36	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.6	1		12/10/11 16:36	56-23-5	
Chlorobenzene	ND	ug/kg	4.6	1		12/10/11 16:36	108-90-7	
Chloroethane	ND	ug/kg	9.2	1		12/10/11 16:36	75-00-3	
Chloroform	ND	ug/kg	4.6	1		12/10/11 16:36	67-66-3	
Chloromethane	ND	ug/kg	9.2	1		12/10/11 16:36	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.6	1		12/10/11 16:36	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.6	1		12/10/11 16:36	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.6	1		12/10/11 16:36	96-12-8	
Dibromochloromethane	ND	ug/kg	4.6	1		12/10/11 16:36	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.6	1		12/10/11 16:36	106-93-4	
Dibromomethane	ND	ug/kg	4.6	1		12/10/11 16:36	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.6	1		12/10/11 16:36	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.6	1		12/10/11 16:36	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.6	1		12/10/11 16:36	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.2	1		12/10/11 16:36	75-71-8	IO
1,1-Dichloroethane	ND	ug/kg	4.6	1		12/10/11 16:36	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.6	1		12/10/11 16:36	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.6	1		12/10/11 16:36	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/10/11 16:36	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.6	1		12/10/11 16:36	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.6	1		12/10/11 16:36	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.6	1		12/10/11 16:36	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.6	1		12/10/11 16:36	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.6	1		12/10/11 16:36	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/10/11 16:36	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.6	1		12/10/11 16:36	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.6	1		12/10/11 16:36	108-20-3	
Ethylbenzene	ND	ug/kg	4.6	1		12/10/11 16:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.6	1		12/10/11 16:36	87-68-3	
2-Hexanone	ND	ug/kg	46.1	1		12/10/11 16:36	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.6	1		12/10/11 16:36	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-UST-5 (2') **Lab ID: 92107633013** Collected: 11/30/11 10:40 Received: 12/02/11 16:24 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	4.6	1		12/10/11 16:36	99-87-6	
Methylene Chloride	ND	ug/kg	18.4	1		12/10/11 16:36	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	46.1	1		12/10/11 16:36	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.6	1		12/10/11 16:36	1634-04-4	
Naphthalene	ND	ug/kg	4.6	1		12/10/11 16:36	91-20-3	
n-Propylbenzene	ND	ug/kg	4.6	1		12/10/11 16:36	103-65-1	
Styrene	ND	ug/kg	4.6	1		12/10/11 16:36	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/10/11 16:36	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.6	1		12/10/11 16:36	79-34-5	
Tetrachloroethene	ND	ug/kg	4.6	1		12/10/11 16:36	127-18-4	
Toluene	ND	ug/kg	4.6	1		12/10/11 16:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.6	1		12/10/11 16:36	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.6	1		12/10/11 16:36	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.6	1		12/10/11 16:36	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.6	1		12/10/11 16:36	79-00-5	
Trichloroethene	ND	ug/kg	4.6	1		12/10/11 16:36	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.6	1		12/10/11 16:36	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.6	1		12/10/11 16:36	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.6	1		12/10/11 16:36	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.6	1		12/10/11 16:36	108-67-8	
Vinyl acetate	ND	ug/kg	46.1	1		12/10/11 16:36	108-05-4	
Vinyl chloride	ND	ug/kg	9.2	1		12/10/11 16:36	75-01-4	
Xylene (Total)	ND	ug/kg	9.2	1		12/10/11 16:36	1330-20-7	
m&p-Xylene	ND	ug/kg	9.2	1		12/10/11 16:36	179601-23-1	
o-Xylene	ND	ug/kg	4.6	1		12/10/11 16:36	95-47-6	
Surrogates								
Dibromofluoromethane (S)	175	%	70-130	1		12/10/11 16:36	1868-53-7	S2
Toluene-d8 (S)	69	%	70-130	1		12/10/11 16:36	2037-26-5	S2
4-Bromofluorobenzene (S)	72	%	70-130	1		12/10/11 16:36	460-00-4	
1,2-Dichloroethane-d4 (S)	213	%	70-132	1		12/10/11 16:36	17060-07-0	S2
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**17.4**	%	0.10	1		12/05/11 16:02		

Pace Analytical
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-1 (3') **Lab ID: 92107633014** Collected: 11/30/11 10:50 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	13.4	1	12/05/11 08:35	12/08/11 11:55		N2
Aliphatic (C19-C36)	ND	mg/kg	13.4	1	12/05/11 08:35	12/08/11 11:55		N2
Aromatic (C11-C22)	ND	mg/kg	13.4	1	12/05/11 08:35	12/07/11 15:41		N2
Surrogates								
Nonatriacontane (S)	82	%	40-140	1	12/05/11 08:35	12/08/11 11:55	7194-86-7	
o-Terphenyl (S)	75	%	40-140	1	12/05/11 08:35	12/07/11 15:41	84-15-1	
2-Fluorobiphenyl (S)	96	%	40-140	1	12/05/11 08:35	12/07/11 15:41	321-60-8	
2-Bromonaphthalene (S)	105	%	40-140	1	12/05/11 08:35	12/07/11 15:41	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.5	1	12/10/11 09:38	12/14/11 20:19		N2
Aliphatic (C09-C12)	ND	mg/kg	3.5	1	12/10/11 09:38	12/14/11 20:19		N2
Aromatic (C09-C10)	ND	mg/kg	3.5	1	12/10/11 09:38	12/14/11 20:19		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	101	%	70-130	1	12/10/11 09:38	12/14/11 20:19		
2,5-Dibromotoluene (FID)(S)	116	%	70-130	1	12/10/11 09:38	12/14/11 20:19		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	83-32-9	
Acenaphthylene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	208-96-8	
Aniline	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	62-53-3	
Anthracene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	120-12-7	
Benzo(a)anthracene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	56-55-3	
Benzo(a)pyrene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	207-08-9	
Benzoic Acid	ND	ug/kg	2160	1	12/05/11 20:00	12/12/11 19:31	65-85-0	
Benzyl alcohol	ND	ug/kg	865	1	12/05/11 20:00	12/12/11 19:31	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	101-55-3	
Butylbenzylphthalate	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	865	1	12/05/11 20:00	12/12/11 19:31	59-50-7	
4-Chloroaniline	ND	ug/kg	2160	1	12/05/11 20:00	12/12/11 19:31	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	108-60-1	
2-Chloronaphthalene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	91-58-7	
2-Chlorophenol	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	7005-72-3	
Chrysene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	53-70-3	
Dibenzofuran	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2160	1	12/05/11 20:00	12/12/11 19:31	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-1 (3') **Lab ID: 92107633014** Collected: 11/30/11 10:50 Received: 12/02/11 16:24 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	432	1	12/05/11 20:00	12/12/11 19:31	120-83-2	
Diethylphthalate	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	105-67-9	
Dimethylphthalate	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	131-11-3	
Di-n-butylphthalate	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	865	1	12/05/11 20:00	12/12/11 19:31	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2160	1	12/05/11 20:00	12/12/11 19:31	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	606-20-2	
Di-n-octylphthalate	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	117-81-7	
Fluoranthene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	206-44-0	
Fluorene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	87-68-3	
Hexachlorobenzene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	77-47-4	
Hexachloroethane	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	193-39-5	
Isophorone	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	78-59-1	
1-Methylnaphthalene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	90-12-0	
2-Methylnaphthalene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31		
Naphthalene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	91-20-3	
2-Nitroaniline	ND	ug/kg	2160	1	12/05/11 20:00	12/12/11 19:31	88-74-4	
3-Nitroaniline	ND	ug/kg	2160	1	12/05/11 20:00	12/12/11 19:31	99-09-2	
4-Nitroaniline	ND	ug/kg	865	1	12/05/11 20:00	12/12/11 19:31	100-01-6	
Nitrobenzene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	98-95-3	
2-Nitrophenol	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	88-75-5	
4-Nitrophenol	ND	ug/kg	2160	1	12/05/11 20:00	12/12/11 19:31	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	86-30-6	
Pentachlorophenol	ND	ug/kg	2160	1	12/05/11 20:00	12/12/11 19:31	87-86-5	
Phenanthrene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	85-01-8	
Phenol	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	108-95-2	
Pyrene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	432	1	12/05/11 20:00	12/12/11 19:31	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	60	%	23-110	1	12/05/11 20:00	12/12/11 19:31	4165-60-0	
2-Fluorobiphenyl (S)	71	%	30-110	1	12/05/11 20:00	12/12/11 19:31	321-60-8	
Terphenyl-d14 (S)	67	%	28-110	1	12/05/11 20:00	12/12/11 19:31	1718-51-0	
Phenol-d6 (S)	74	%	22-110	1	12/05/11 20:00	12/12/11 19:31	13127-88-3	
2-Fluorophenol (S)	78	%	13-110	1	12/05/11 20:00	12/12/11 19:31	367-12-4	

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-1 (3') **Lab ID: 92107633014** Collected: 11/30/11 10:50 Received: 12/02/11 16:24 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)	88	%	27-110	1	12/05/11 20:00	12/12/11 19:31	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	100	1		12/10/11 16:55	67-64-1	
Benzene	**5.4**	ug/kg	5.0	1		12/10/11 16:55	71-43-2	
Bromobenzene	ND	ug/kg	5.0	1		12/10/11 16:55	108-86-1	
Bromochloromethane	ND	ug/kg	5.0	1		12/10/11 16:55	74-97-5	
Bromodichloromethane	ND	ug/kg	5.0	1		12/10/11 16:55	75-27-4	
Bromoform	ND	ug/kg	5.0	1		12/10/11 16:55	75-25-2	
Bromomethane	ND	ug/kg	10.0	1		12/10/11 16:55	74-83-9	
2-Butanone (MEK)	ND	ug/kg	100	1		12/10/11 16:55	78-93-3	
n-Butylbenzene	ND	ug/kg	5.0	1		12/10/11 16:55	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.0	1		12/10/11 16:55	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.0	1		12/10/11 16:55	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.0	1		12/10/11 16:55	56-23-5	
Chlorobenzene	ND	ug/kg	5.0	1		12/10/11 16:55	108-90-7	
Chloroethane	ND	ug/kg	10.0	1		12/10/11 16:55	75-00-3	
Chloroform	ND	ug/kg	5.0	1		12/10/11 16:55	67-66-3	
Chloromethane	ND	ug/kg	10.0	1		12/10/11 16:55	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.0	1		12/10/11 16:55	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.0	1		12/10/11 16:55	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.0	1		12/10/11 16:55	96-12-8	
Dibromochloromethane	ND	ug/kg	5.0	1		12/10/11 16:55	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.0	1		12/10/11 16:55	106-93-4	
Dibromomethane	ND	ug/kg	5.0	1		12/10/11 16:55	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.0	1		12/10/11 16:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.0	1		12/10/11 16:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.0	1		12/10/11 16:55	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.0	1		12/10/11 16:55	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.0	1		12/10/11 16:55	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.0	1		12/10/11 16:55	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.0	1		12/10/11 16:55	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.0	1		12/10/11 16:55	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.0	1		12/10/11 16:55	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.0	1		12/10/11 16:55	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.0	1		12/10/11 16:55	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.0	1		12/10/11 16:55	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.0	1		12/10/11 16:55	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.0	1		12/10/11 16:55	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.0	1		12/10/11 16:55	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.0	1		12/10/11 16:55	108-20-3	
Ethylbenzene	**6.3**	ug/kg	5.0	1		12/10/11 16:55	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.0	1		12/10/11 16:55	87-68-3	
2-Hexanone	ND	ug/kg	50.0	1		12/10/11 16:55	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.0	1		12/10/11 16:55	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-1 (3') **Lab ID: 92107633014** Collected: 11/30/11 10:50 Received: 12/02/11 16:24 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	5.0	1		12/10/11 16:55	99-87-6	
Methylene Chloride	ND	ug/kg	20.0	1		12/10/11 16:55	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	50.0	1		12/10/11 16:55	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.0	1		12/10/11 16:55	1634-04-4	
Naphthalene	**9.3**	ug/kg	5.0	1		12/10/11 16:55	91-20-3	
n-Propylbenzene	ND	ug/kg	5.0	1		12/10/11 16:55	103-65-1	
Styrene	ND	ug/kg	5.0	1		12/10/11 16:55	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.0	1		12/10/11 16:55	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.0	1		12/10/11 16:55	79-34-5	
Tetrachloroethene	ND	ug/kg	5.0	1		12/10/11 16:55	127-18-4	
Toluene	**32.4**	ug/kg	5.0	1		12/10/11 16:55	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.0	1		12/10/11 16:55	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.0	1		12/10/11 16:55	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.0	1		12/10/11 16:55	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.0	1		12/10/11 16:55	79-00-5	
Trichloroethene	ND	ug/kg	5.0	1		12/10/11 16:55	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.0	1		12/10/11 16:55	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.0	1		12/10/11 16:55	96-18-4	
1,2,4-Trimethylbenzene	**26.0**	ug/kg	5.0	1		12/10/11 16:55	95-63-6	
1,3,5-Trimethylbenzene	**8.2**	ug/kg	5.0	1		12/10/11 16:55	108-67-8	
Vinyl acetate	ND	ug/kg	50.0	1		12/10/11 16:55	108-05-4	
Vinyl chloride	ND	ug/kg	10.0	1		12/10/11 16:55	75-01-4	
Xylene (Total)	**78.4**	ug/kg	10.0	1		12/10/11 16:55	1330-20-7	
m&p-Xylene	**50.1**	ug/kg	10.0	1		12/10/11 16:55	179601-23-1	
o-Xylene	**28.3**	ug/kg	5.0	1		12/10/11 16:55	95-47-6	
Surrogates								
Dibromofluoromethane (S)	99	%	70-130	1		12/10/11 16:55	1868-53-7	
Toluene-d8 (S)	98	%	70-130	1		12/10/11 16:55	2037-26-5	
4-Bromofluorobenzene (S)	98	%	70-130	1		12/10/11 16:55	460-00-4	
1,2-Dichloroethane-d4 (S)	94	%	70-132	1		12/10/11 16:55	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**24.9**	%	0.10	1		12/05/11 16:02		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-2 (3') **Lab ID: 92107633015** Collected: 11/30/11 10:55 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	13.3	1	12/05/11 08:35	12/08/11 11:55		N2
Aliphatic (C19-C36)	ND	mg/kg	13.3	1	12/05/11 08:35	12/08/11 11:55		N2
Aromatic (C11-C22)	ND	mg/kg	13.3	1	12/05/11 08:35	12/07/11 16:17		N2
Surrogates								
Nonatriacontane (S)	82	%	40-140	1	12/05/11 08:35	12/08/11 11:55	7194-86-7	
o-Terphenyl (S)	72	%	40-140	1	12/05/11 08:35	12/07/11 16:17	84-15-1	
2-Fluorobiphenyl (S)	90	%	40-140	1	12/05/11 08:35	12/07/11 16:17	321-60-8	
2-Bromonaphthalene (S)	95	%	40-140	1	12/05/11 08:35	12/07/11 16:17	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.9	1	12/10/11 09:38	12/10/11 13:20		N2
Aliphatic (C09-C12)	ND	mg/kg	3.9	1	12/10/11 09:38	12/10/11 13:20		N2
Aromatic (C09-C10)	ND	mg/kg	3.9	1	12/10/11 09:38	12/10/11 13:20		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	96	%	70-130	1	12/10/11 09:38	12/10/11 13:20		
2,5-Dibromotoluene (FID)(S)	121	%	70-130	1	12/10/11 09:38	12/10/11 13:20		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	83-32-9	
Acenaphthylene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	208-96-8	
Aniline	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	62-53-3	
Anthracene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	120-12-7	
Benzo(a)anthracene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	56-55-3	
Benzo(a)pyrene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	207-08-9	
Benzoic Acid	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 10:28	65-85-0	
Benzyl alcohol	ND	ug/kg	871	1	12/05/11 20:00	12/12/11 10:28	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	101-55-3	
Butylbenzylphthalate	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	871	1	12/05/11 20:00	12/12/11 10:28	59-50-7	
4-Chloroaniline	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 10:28	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	108-60-1	
2-Chloronaphthalene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	91-58-7	
2-Chlorophenol	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	7005-72-3	
Chrysene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	53-70-3	
Dibenzofuran	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 10:28	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-2 (3') **Lab ID: 92107633015** Collected: 11/30/11 10:55 Received: 12/02/11 16:24 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	435	1	12/05/11 20:00	12/12/11 10:28	120-83-2	
Diethylphthalate	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	105-67-9	
Dimethylphthalate	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	131-11-3	
Di-n-butylphthalate	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	871	1	12/05/11 20:00	12/12/11 10:28	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 10:28	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	606-20-2	
Di-n-octylphthalate	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	117-81-7	
Fluoranthene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	206-44-0	
Fluorene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	87-68-3	
Hexachlorobenzene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	77-47-4	
Hexachloroethane	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	193-39-5	
Isophorone	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	78-59-1	
1-Methylnaphthalene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	90-12-0	
2-Methylnaphthalene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28		
Naphthalene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	91-20-3	
2-Nitroaniline	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 10:28	88-74-4	
3-Nitroaniline	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 10:28	99-09-2	
4-Nitroaniline	ND	ug/kg	871	1	12/05/11 20:00	12/12/11 10:28	100-01-6	
Nitrobenzene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	98-95-3	
2-Nitrophenol	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	88-75-5	
4-Nitrophenol	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 10:28	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	86-30-6	
Pentachlorophenol	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 10:28	87-86-5	
Phenanthrene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	85-01-8	
Phenol	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	108-95-2	
Pyrene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	435	1	12/05/11 20:00	12/12/11 10:28	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	56	%	23-110	1	12/05/11 20:00	12/12/11 10:28	4165-60-0	
2-Fluorobiphenyl (S)	70	%	30-110	1	12/05/11 20:00	12/12/11 10:28	321-60-8	
Terphenyl-d14 (S)	84	%	28-110	1	12/05/11 20:00	12/12/11 10:28	1718-51-0	
Phenol-d6 (S)	69	%	22-110	1	12/05/11 20:00	12/12/11 10:28	13127-88-3	
2-Fluorophenol (S)	70	%	13-110	1	12/05/11 20:00	12/12/11 10:28	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-2 (3') **Lab ID: 92107633015** Collected: 11/30/11 10:55 Received: 12/02/11 16:24 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)	81	%	27-110	1	12/05/11 20:00	12/12/11 10:28	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	102	1		12/09/11 22:20	67-64-1	
Benzene	ND	ug/kg	5.1	1		12/09/11 22:20	71-43-2	
Bromobenzene	ND	ug/kg	5.1	1		12/09/11 22:20	108-86-1	
Bromochloromethane	ND	ug/kg	5.1	1		12/09/11 22:20	74-97-5	
Bromodichloromethane	ND	ug/kg	5.1	1		12/09/11 22:20	75-27-4	
Bromoform	ND	ug/kg	5.1	1		12/09/11 22:20	75-25-2	
Bromomethane	ND	ug/kg	10.2	1		12/09/11 22:20	74-83-9	
2-Butanone (MEK)	ND	ug/kg	102	1		12/09/11 22:20	78-93-3	
n-Butylbenzene	ND	ug/kg	5.1	1		12/09/11 22:20	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.1	1		12/09/11 22:20	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.1	1		12/09/11 22:20	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.1	1		12/09/11 22:20	56-23-5	
Chlorobenzene	ND	ug/kg	5.1	1		12/09/11 22:20	108-90-7	
Chloroethane	ND	ug/kg	10.2	1		12/09/11 22:20	75-00-3	
Chloroform	ND	ug/kg	5.1	1		12/09/11 22:20	67-66-3	
Chloromethane	ND	ug/kg	10.2	1		12/09/11 22:20	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.1	1		12/09/11 22:20	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.1	1		12/09/11 22:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.1	1		12/09/11 22:20	96-12-8	
Dibromochloromethane	ND	ug/kg	5.1	1		12/09/11 22:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.1	1		12/09/11 22:20	106-93-4	
Dibromomethane	ND	ug/kg	5.1	1		12/09/11 22:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.1	1		12/09/11 22:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.1	1		12/09/11 22:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.1	1		12/09/11 22:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.2	1		12/09/11 22:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.1	1		12/09/11 22:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.1	1		12/09/11 22:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.1	1		12/09/11 22:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.1	1		12/09/11 22:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.1	1		12/09/11 22:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.1	1		12/09/11 22:20	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.1	1		12/09/11 22:20	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.1	1		12/09/11 22:20	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.1	1		12/09/11 22:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.1	1		12/09/11 22:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.1	1		12/09/11 22:20	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.1	1		12/09/11 22:20	108-20-3	
Ethylbenzene	ND	ug/kg	5.1	1		12/09/11 22:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.1	1		12/09/11 22:20	87-68-3	
2-Hexanone	ND	ug/kg	51.2	1		12/09/11 22:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.1	1		12/09/11 22:20	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-2 (3') **Lab ID: 92107633015** Collected: 11/30/11 10:55 Received: 12/02/11 16:24 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	5.1	1		12/09/11 22:20	99-87-6	
Methylene Chloride	ND	ug/kg	20.5	1		12/09/11 22:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.2	1		12/09/11 22:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.1	1		12/09/11 22:20	1634-04-4	
Naphthalene	ND	ug/kg	5.1	1		12/09/11 22:20	91-20-3	
n-Propylbenzene	ND	ug/kg	5.1	1		12/09/11 22:20	103-65-1	
Styrene	ND	ug/kg	5.1	1		12/09/11 22:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.1	1		12/09/11 22:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.1	1		12/09/11 22:20	79-34-5	
Tetrachloroethene	ND	ug/kg	5.1	1		12/09/11 22:20	127-18-4	
Toluene	ND	ug/kg	5.1	1		12/09/11 22:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.1	1		12/09/11 22:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.1	1		12/09/11 22:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.1	1		12/09/11 22:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.1	1		12/09/11 22:20	79-00-5	
Trichloroethene	ND	ug/kg	5.1	1		12/09/11 22:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.1	1		12/09/11 22:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.1	1		12/09/11 22:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.1	1		12/09/11 22:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.1	1		12/09/11 22:20	108-67-8	
Vinyl acetate	ND	ug/kg	51.2	1		12/09/11 22:20	108-05-4	
Vinyl chloride	ND	ug/kg	10.2	1		12/09/11 22:20	75-01-4	
Xylene (Total)	ND	ug/kg	10.2	1		12/09/11 22:20	1330-20-7	
m&p-Xylene	ND	ug/kg	10.2	1		12/09/11 22:20	179601-23-1	
o-Xylene	ND	ug/kg	5.1	1		12/09/11 22:20	95-47-6	
Surrogates								
Dibromofluoromethane (S)	102	%	70-130	1		12/09/11 22:20	1868-53-7	
Toluene-d8 (S)	101	%	70-130	1		12/09/11 22:20	2037-26-5	
4-Bromofluorobenzene (S)	84	%	70-130	1		12/09/11 22:20	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-132	1		12/09/11 22:20	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**24.7**	%	0.10	1		12/05/11 16:03		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-3 (3') **Lab ID: 92107633016** Collected: 11/30/11 12:00 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	13.7	1	12/05/11 08:35	12/07/11 16:53		N2
Aliphatic (C19-C36)	ND	mg/kg	13.7	1	12/05/11 08:35	12/07/11 16:53		N2
Aromatic (C11-C22)	ND	mg/kg	13.7	1	12/05/11 08:35	12/07/11 16:53		N2
Surrogates								
Nonatriacontane (S)	90	%	40-140	1	12/05/11 08:35	12/07/11 16:53	7194-86-7	
o-Terphenyl (S)	75	%	40-140	1	12/05/11 08:35	12/07/11 16:53	84-15-1	
2-Fluorobiphenyl (S)	94	%	40-140	1	12/05/11 08:35	12/07/11 16:53	321-60-8	
2-Bromonaphthalene (S)	97	%	40-140	1	12/05/11 08:35	12/07/11 16:53	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	4.0	1	12/10/11 09:38	12/10/11 13:45		N2
Aliphatic (C09-C12)	ND	mg/kg	4.0	1	12/10/11 09:38	12/10/11 13:45		N2
Aromatic (C09-C10)	ND	mg/kg	4.0	1	12/10/11 09:38	12/10/11 13:45		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	113	%	70-130	1	12/10/11 09:38	12/10/11 13:45		
2,5-Dibromotoluene (FID)(S)	146	%	70-130	1	12/10/11 09:38	12/10/11 13:45		2g
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	83-32-9	
Acenaphthylene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	208-96-8	
Aniline	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	62-53-3	
Anthracene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	120-12-7	
Benzo(a)anthracene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	56-55-3	
Benzo(a)pyrene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	207-08-9	
Benzoic Acid	ND	ug/kg	2300	1	12/05/11 20:00	12/12/11 16:19	65-85-0	
Benzyl alcohol	ND	ug/kg	919	1	12/05/11 20:00	12/12/11 16:19	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	101-55-3	
Butylbenzylphthalate	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	919	1	12/05/11 20:00	12/12/11 16:19	59-50-7	
4-Chloroaniline	ND	ug/kg	2300	1	12/05/11 20:00	12/12/11 16:19	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	108-60-1	
2-Chloronaphthalene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	91-58-7	
2-Chlorophenol	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	7005-72-3	
Chrysene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	53-70-3	
Dibenzofuran	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2300	1	12/05/11 20:00	12/12/11 16:19	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-3 (3') **Lab ID: 92107633016** Collected: 11/30/11 12:00 Received: 12/02/11 16:24 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	460	1	12/05/11 20:00	12/12/11 16:19	120-83-2	
Diethylphthalate	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	105-67-9	
Dimethylphthalate	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	131-11-3	
Di-n-butylphthalate	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	919	1	12/05/11 20:00	12/12/11 16:19	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2300	1	12/05/11 20:00	12/12/11 16:19	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	606-20-2	
Di-n-octylphthalate	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	117-81-7	
Fluoranthene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	206-44-0	
Fluorene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	87-68-3	
Hexachlorobenzene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	77-47-4	
Hexachloroethane	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	193-39-5	
Isophorone	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	78-59-1	
1-Methylnaphthalene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	90-12-0	
2-Methylnaphthalene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19		
Naphthalene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	91-20-3	
2-Nitroaniline	ND	ug/kg	2300	1	12/05/11 20:00	12/12/11 16:19	88-74-4	
3-Nitroaniline	ND	ug/kg	2300	1	12/05/11 20:00	12/12/11 16:19	99-09-2	
4-Nitroaniline	ND	ug/kg	919	1	12/05/11 20:00	12/12/11 16:19	100-01-6	
Nitrobenzene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	98-95-3	
2-Nitrophenol	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	88-75-5	
4-Nitrophenol	ND	ug/kg	2300	1	12/05/11 20:00	12/12/11 16:19	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	86-30-6	
Pentachlorophenol	ND	ug/kg	2300	1	12/05/11 20:00	12/12/11 16:19	87-86-5	
Phenanthrene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	85-01-8	
Phenol	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	108-95-2	
Pyrene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	460	1	12/05/11 20:00	12/12/11 16:19	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	60	%	23-110	1	12/05/11 20:00	12/12/11 16:19	4165-60-0	
2-Fluorobiphenyl (S)	76	%	30-110	1	12/05/11 20:00	12/12/11 16:19	321-60-8	
Terphenyl-d14 (S)	85	%	28-110	1	12/05/11 20:00	12/12/11 16:19	1718-51-0	
Phenol-d6 (S)	76	%	22-110	1	12/05/11 20:00	12/12/11 16:19	13127-88-3	
2-Fluorophenol (S)	76	%	13-110	1	12/05/11 20:00	12/12/11 16:19	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-3 (3') **Lab ID: 92107633016** Collected: 11/30/11 12:00 Received: 12/02/11 16:24 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)	79	%	27-110	1	12/05/11 20:00	12/12/11 16:19	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	119	1		12/09/11 22:40	67-64-1	
Benzene	ND	ug/kg	6.0	1		12/09/11 22:40	71-43-2	
Bromobenzene	ND	ug/kg	6.0	1		12/09/11 22:40	108-86-1	
Bromochloromethane	ND	ug/kg	6.0	1		12/09/11 22:40	74-97-5	
Bromodichloromethane	ND	ug/kg	6.0	1		12/09/11 22:40	75-27-4	
Bromoform	ND	ug/kg	6.0	1		12/09/11 22:40	75-25-2	
Bromomethane	ND	ug/kg	11.9	1		12/09/11 22:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	119	1		12/09/11 22:40	78-93-3	
n-Butylbenzene	ND	ug/kg	6.0	1		12/09/11 22:40	104-51-8	
sec-Butylbenzene	ND	ug/kg	6.0	1		12/09/11 22:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.0	1		12/09/11 22:40	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.0	1		12/09/11 22:40	56-23-5	
Chlorobenzene	ND	ug/kg	6.0	1		12/09/11 22:40	108-90-7	
Chloroethane	ND	ug/kg	11.9	1		12/09/11 22:40	75-00-3	
Chloroform	ND	ug/kg	6.0	1		12/09/11 22:40	67-66-3	
Chloromethane	ND	ug/kg	11.9	1		12/09/11 22:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.0	1		12/09/11 22:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.0	1		12/09/11 22:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.0	1		12/09/11 22:40	96-12-8	
Dibromochloromethane	ND	ug/kg	6.0	1		12/09/11 22:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.0	1		12/09/11 22:40	106-93-4	
Dibromomethane	ND	ug/kg	6.0	1		12/09/11 22:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.0	1		12/09/11 22:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.0	1		12/09/11 22:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.0	1		12/09/11 22:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.9	1		12/09/11 22:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.0	1		12/09/11 22:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.0	1		12/09/11 22:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.0	1		12/09/11 22:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.0	1		12/09/11 22:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.0	1		12/09/11 22:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.0	1		12/09/11 22:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.0	1		12/09/11 22:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.0	1		12/09/11 22:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.0	1		12/09/11 22:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.0	1		12/09/11 22:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.0	1		12/09/11 22:40	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.0	1		12/09/11 22:40	108-20-3	
Ethylbenzene	ND	ug/kg	6.0	1		12/09/11 22:40	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.0	1		12/09/11 22:40	87-68-3	
2-Hexanone	ND	ug/kg	59.6	1		12/09/11 22:40	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	6.0	1		12/09/11 22:40	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-3 (3') **Lab ID: 92107633016** Collected: 11/30/11 12:00 Received: 12/02/11 16:24 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	6.0	1		12/09/11 22:40	99-87-6	
Methylene Chloride	ND	ug/kg	23.9	1		12/09/11 22:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	59.6	1		12/09/11 22:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.0	1		12/09/11 22:40	1634-04-4	
Naphthalene	ND	ug/kg	6.0	1		12/09/11 22:40	91-20-3	
n-Propylbenzene	ND	ug/kg	6.0	1		12/09/11 22:40	103-65-1	
Styrene	ND	ug/kg	6.0	1		12/09/11 22:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.0	1		12/09/11 22:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.0	1		12/09/11 22:40	79-34-5	
Tetrachloroethene	ND	ug/kg	6.0	1		12/09/11 22:40	127-18-4	
Toluene	ND	ug/kg	6.0	1		12/09/11 22:40	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.0	1		12/09/11 22:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.0	1		12/09/11 22:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.0	1		12/09/11 22:40	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	6.0	1		12/09/11 22:40	79-00-5	
Trichloroethene	ND	ug/kg	6.0	1		12/09/11 22:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.0	1		12/09/11 22:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.0	1		12/09/11 22:40	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	6.0	1		12/09/11 22:40	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	6.0	1		12/09/11 22:40	108-67-8	
Vinyl acetate	ND	ug/kg	59.6	1		12/09/11 22:40	108-05-4	
Vinyl chloride	ND	ug/kg	11.9	1		12/09/11 22:40	75-01-4	
Xylene (Total)	ND	ug/kg	11.9	1		12/09/11 22:40	1330-20-7	
m&p-Xylene	ND	ug/kg	11.9	1		12/09/11 22:40	179601-23-1	
o-Xylene	ND	ug/kg	6.0	1		12/09/11 22:40	95-47-6	
Surrogates								
Dibromofluoromethane (S)	102	%	70-130	1		12/09/11 22:40	1868-53-7	
Toluene-d8 (S)	100	%	70-130	1		12/09/11 22:40	2037-26-5	
4-Bromofluorobenzene (S)	102	%	70-130	1		12/09/11 22:40	460-00-4	
1,2-Dichloroethane-d4 (S)	98	%	70-132	1		12/09/11 22:40	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**27.7**	%	0.10	1		12/05/11 16:03		

Pace Analytical®
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-4 (3') **Lab ID: 92107633017** Collected: 11/30/11 12:05 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	12.9	1	12/05/11 08:35	12/07/11 17:29		N2
Aliphatic (C19-C36)	ND	mg/kg	12.9	1	12/05/11 08:35	12/07/11 17:29		N2
Aromatic (C11-C22)	ND	mg/kg	12.9	1	12/05/11 08:35	12/07/11 17:29		N2
Surrogates								
Nonatriacontane (S)	87	%	40-140	1	12/05/11 08:35	12/07/11 17:29	7194-86-7	
o-Terphenyl (S)	85	%	40-140	1	12/05/11 08:35	12/07/11 17:29	84-15-1	
2-Fluorobiphenyl (S)	105	%	40-140	1	12/05/11 08:35	12/07/11 17:29	321-60-8	
2-Bromonaphthalene (S)	109	%	40-140	1	12/05/11 08:35	12/07/11 17:29	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.1	1	12/10/11 09:38	12/10/11 14:09		N2
Aliphatic (C09-C12)	ND	mg/kg	3.1	1	12/10/11 09:38	12/10/11 14:09		N2
Aromatic (C09-C10)	ND	mg/kg	3.1	1	12/10/11 09:38	12/10/11 14:09		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	106	%	70-130	1	12/10/11 09:38	12/10/11 14:09		
2,5-Dibromotoluene (FID)(S)	143	%	70-130	1	12/10/11 09:38	12/10/11 14:09		2g
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	83-32-9	
Acenaphthylene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	208-96-8	
Aniline	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	62-53-3	
Anthracene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	120-12-7	
Benzo(a)anthracene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	56-55-3	
Benzo(a)pyrene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	207-08-9	
Benzoic Acid	ND	ug/kg	2100	1	12/05/11 20:00	12/12/11 16:51	65-85-0	
Benzyl alcohol	ND	ug/kg	842	1	12/05/11 20:00	12/12/11 16:51	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	101-55-3	
Butylbenzylphthalate	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	842	1	12/05/11 20:00	12/12/11 16:51	59-50-7	
4-Chloroaniline	ND	ug/kg	2100	1	12/05/11 20:00	12/12/11 16:51	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	108-60-1	
2-Chloronaphthalene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	91-58-7	
2-Chlorophenol	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	7005-72-3	
Chrysene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	53-70-3	
Dibenzofuran	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2100	1	12/05/11 20:00	12/12/11 16:51	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-4 (3') **Lab ID: 92107633017** Collected: 11/30/11 12:05 Received: 12/02/11 16:24 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	421	1	12/05/11 20:00	12/12/11 16:51	120-83-2	
Diethylphthalate	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	105-67-9	
Dimethylphthalate	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	131-11-3	
Di-n-butylphthalate	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	842	1	12/05/11 20:00	12/12/11 16:51	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2100	1	12/05/11 20:00	12/12/11 16:51	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	606-20-2	
Di-n-octylphthalate	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	117-81-7	
Fluoranthene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	206-44-0	
Fluorene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	87-68-3	
Hexachlorobenzene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	77-47-4	
Hexachloroethane	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	193-39-5	
Isophorone	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	78-59-1	
1-Methylnaphthalene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	90-12-0	
2-Methylnaphthalene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51		
Naphthalene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	91-20-3	
2-Nitroaniline	ND	ug/kg	2100	1	12/05/11 20:00	12/12/11 16:51	88-74-4	
3-Nitroaniline	ND	ug/kg	2100	1	12/05/11 20:00	12/12/11 16:51	99-09-2	
4-Nitroaniline	ND	ug/kg	842	1	12/05/11 20:00	12/12/11 16:51	100-01-6	
Nitrobenzene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	98-95-3	
2-Nitrophenol	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	88-75-5	
4-Nitrophenol	ND	ug/kg	2100	1	12/05/11 20:00	12/12/11 16:51	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	86-30-6	
Pentachlorophenol	ND	ug/kg	2100	1	12/05/11 20:00	12/12/11 16:51	87-86-5	
Phenanthrene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	85-01-8	
Phenol	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	108-95-2	
Pyrene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	421	1	12/05/11 20:00	12/12/11 16:51	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	58	%	23-110	1	12/05/11 20:00	12/12/11 16:51	4165-60-0	
2-Fluorobiphenyl (S)	67	%	30-110	1	12/05/11 20:00	12/12/11 16:51	321-60-8	
Terphenyl-d14 (S)	82	%	28-110	1	12/05/11 20:00	12/12/11 16:51	1718-51-0	
Phenol-d6 (S)	71	%	22-110	1	12/05/11 20:00	12/12/11 16:51	13127-88-3	
2-Fluorophenol (S)	76	%	13-110	1	12/05/11 20:00	12/12/11 16:51	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-4 (3') **Lab ID: 92107633017** Collected: 11/30/11 12:05 Received: 12/02/11 16:24 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)	82	%	27-110	1	12/05/11 20:00	12/12/11 16:51	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	94.3	1		12/09/11 23:00	67-64-1	
Benzene	ND	ug/kg	4.7	1		12/09/11 23:00	71-43-2	
Bromobenzene	ND	ug/kg	4.7	1		12/09/11 23:00	108-86-1	
Bromochloromethane	ND	ug/kg	4.7	1		12/09/11 23:00	74-97-5	
Bromodichloromethane	ND	ug/kg	4.7	1		12/09/11 23:00	75-27-4	
Bromoform	ND	ug/kg	4.7	1		12/09/11 23:00	75-25-2	
Bromomethane	ND	ug/kg	9.4	1		12/09/11 23:00	74-83-9	
2-Butanone (MEK)	ND	ug/kg	94.3	1		12/09/11 23:00	78-93-3	
n-Butylbenzene	ND	ug/kg	4.7	1		12/09/11 23:00	104-51-8	
sec-Butylbenzene	ND	ug/kg	4.7	1		12/09/11 23:00	135-98-8	
tert-Butylbenzene	ND	ug/kg	4.7	1		12/09/11 23:00	98-06-6	
Carbon tetrachloride	ND	ug/kg	4.7	1		12/09/11 23:00	56-23-5	
Chlorobenzene	ND	ug/kg	4.7	1		12/09/11 23:00	108-90-7	
Chloroethane	ND	ug/kg	9.4	1		12/09/11 23:00	75-00-3	
Chloroform	ND	ug/kg	4.7	1		12/09/11 23:00	67-66-3	
Chloromethane	ND	ug/kg	9.4	1		12/09/11 23:00	74-87-3	
2-Chlorotoluene	ND	ug/kg	4.7	1		12/09/11 23:00	95-49-8	
4-Chlorotoluene	ND	ug/kg	4.7	1		12/09/11 23:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	4.7	1		12/09/11 23:00	96-12-8	
Dibromochloromethane	ND	ug/kg	4.7	1		12/09/11 23:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	4.7	1		12/09/11 23:00	106-93-4	
Dibromomethane	ND	ug/kg	4.7	1		12/09/11 23:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	4.7	1		12/09/11 23:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	4.7	1		12/09/11 23:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	4.7	1		12/09/11 23:00	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	9.4	1		12/09/11 23:00	75-71-8	
1,1-Dichloroethane	ND	ug/kg	4.7	1		12/09/11 23:00	75-34-3	
1,2-Dichloroethane	ND	ug/kg	4.7	1		12/09/11 23:00	107-06-2	
1,1-Dichloroethene	ND	ug/kg	4.7	1		12/09/11 23:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	4.7	1		12/09/11 23:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	4.7	1		12/09/11 23:00	156-60-5	
1,2-Dichloropropane	ND	ug/kg	4.7	1		12/09/11 23:00	78-87-5	
1,3-Dichloropropane	ND	ug/kg	4.7	1		12/09/11 23:00	142-28-9	
2,2-Dichloropropane	ND	ug/kg	4.7	1		12/09/11 23:00	594-20-7	
1,1-Dichloropropene	ND	ug/kg	4.7	1		12/09/11 23:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	4.7	1		12/09/11 23:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	4.7	1		12/09/11 23:00	10061-02-6	
Diisopropyl ether	ND	ug/kg	4.7	1		12/09/11 23:00	108-20-3	
Ethylbenzene	ND	ug/kg	4.7	1		12/09/11 23:00	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	4.7	1		12/09/11 23:00	87-68-3	
2-Hexanone	ND	ug/kg	47.2	1		12/09/11 23:00	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	4.7	1		12/09/11 23:00	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-4 (3') **Lab ID: 92107633017** Collected: 11/30/11 12:05 Received: 12/02/11 16:24 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	4.7	1		12/09/11 23:00	99-87-6	
Methylene Chloride	ND	ug/kg	18.9	1		12/09/11 23:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	47.2	1		12/09/11 23:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	4.7	1		12/09/11 23:00	1634-04-4	
Naphthalene	ND	ug/kg	4.7	1		12/09/11 23:00	91-20-3	
n-Propylbenzene	ND	ug/kg	4.7	1		12/09/11 23:00	103-65-1	
Styrene	ND	ug/kg	4.7	1		12/09/11 23:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/09/11 23:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	4.7	1		12/09/11 23:00	79-34-5	
Tetrachloroethene	ND	ug/kg	4.7	1		12/09/11 23:00	127-18-4	
Toluene	ND	ug/kg	4.7	1		12/09/11 23:00	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	4.7	1		12/09/11 23:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	4.7	1		12/09/11 23:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	4.7	1		12/09/11 23:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	4.7	1		12/09/11 23:00	79-00-5	
Trichloroethene	ND	ug/kg	4.7	1		12/09/11 23:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	4.7	1		12/09/11 23:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	4.7	1		12/09/11 23:00	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	4.7	1		12/09/11 23:00	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	4.7	1		12/09/11 23:00	108-67-8	
Vinyl acetate	ND	ug/kg	47.2	1		12/09/11 23:00	108-05-4	
Vinyl chloride	ND	ug/kg	9.4	1		12/09/11 23:00	75-01-4	
Xylene (Total)	ND	ug/kg	9.4	1		12/09/11 23:00	1330-20-7	
m&p-Xylene	ND	ug/kg	9.4	1		12/09/11 23:00	179601-23-1	
o-Xylene	ND	ug/kg	4.7	1		12/09/11 23:00	95-47-6	
Surrogates								
Dibromofluoromethane (S)	106	%	70-130	1		12/09/11 23:00	1868-53-7	
Toluene-d8 (S)	101	%	70-130	1		12/09/11 23:00	2037-26-5	
4-Bromofluorobenzene (S)	104	%	70-130	1		12/09/11 23:00	460-00-4	
1,2-Dichloroethane-d4 (S)	105	%	70-132	1		12/09/11 23:00	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**21.4**	%	0.10	1		12/05/11 16:03		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-5 (3') **Lab ID: 92107633018** Collected: 11/30/11 12:10 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	13.4	1	12/05/11 08:35	12/07/11 18:05		N2
Aliphatic (C19-C36)	ND	mg/kg	13.4	1	12/05/11 08:35	12/07/11 18:05		N2
Aromatic (C11-C22)	ND	mg/kg	13.4	1	12/05/11 08:35	12/07/11 18:05		N2
Surrogates								
Nonatriacontane (S)	73	%	40-140	1	12/05/11 08:35	12/07/11 18:05	7194-86-7	
o-Terphenyl (S)	85	%	40-140	1	12/05/11 08:35	12/07/11 18:05	84-15-1	
2-Fluorobiphenyl (S)	109	%	40-140	1	12/05/11 08:35	12/07/11 18:05	321-60-8	
2-Bromonaphthalene (S)	115	%	40-140	1	12/05/11 08:35	12/07/11 18:05	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.8	1	12/10/11 09:38	12/10/11 14:34		N2
Aliphatic (C09-C12)	ND	mg/kg	3.8	1	12/10/11 09:38	12/10/11 14:34		N2
Aromatic (C09-C10)	ND	mg/kg	3.8	1	12/10/11 09:38	12/10/11 14:34		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	97	%	70-130	1	12/10/11 09:38	12/10/11 14:34		
2,5-Dibromotoluene (FID)(S)	126	%	70-130	1	12/10/11 09:38	12/10/11 14:34		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	83-32-9	
Acenaphthylene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	208-96-8	
Aniline	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	62-53-3	
Anthracene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	120-12-7	
Benzo(a)anthracene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	56-55-3	
Benzo(a)pyrene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	207-08-9	
Benzoic Acid	ND	ug/kg	2190	1	12/05/11 20:00	12/13/11 09:17	65-85-0	
Benzyl alcohol	ND	ug/kg	876	1	12/05/11 20:00	12/13/11 09:17	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	101-55-3	
Butylbenzylphthalate	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	876	1	12/05/11 20:00	12/13/11 09:17	59-50-7	
4-Chloroaniline	ND	ug/kg	2190	1	12/05/11 20:00	12/13/11 09:17	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	108-60-1	
2-Chloronaphthalene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	91-58-7	
2-Chlorophenol	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	7005-72-3	
Chrysene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	53-70-3	
Dibenzofuran	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2190	1	12/05/11 20:00	12/13/11 09:17	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-5 (3') **Lab ID: 92107633018** Collected: 11/30/11 12:10 Received: 12/02/11 16:24 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	438	1	12/05/11 20:00	12/13/11 09:17	120-83-2	
Diethylphthalate	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	105-67-9	
Dimethylphthalate	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	131-11-3	
Di-n-butylphthalate	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	876	1	12/05/11 20:00	12/13/11 09:17	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2190	1	12/05/11 20:00	12/13/11 09:17	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	606-20-2	
Di-n-octylphthalate	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	117-81-7	
Fluoranthene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	206-44-0	
Fluorene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	87-68-3	
Hexachlorobenzene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	77-47-4	
Hexachloroethane	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	193-39-5	
Isophorone	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	78-59-1	
1-Methylnaphthalene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	90-12-0	
2-Methylnaphthalene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17		
Naphthalene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	91-20-3	
2-Nitroaniline	ND	ug/kg	2190	1	12/05/11 20:00	12/13/11 09:17	88-74-4	
3-Nitroaniline	ND	ug/kg	2190	1	12/05/11 20:00	12/13/11 09:17	99-09-2	
4-Nitroaniline	ND	ug/kg	876	1	12/05/11 20:00	12/13/11 09:17	100-01-6	
Nitrobenzene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	98-95-3	
2-Nitrophenol	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	88-75-5	
4-Nitrophenol	ND	ug/kg	2190	1	12/05/11 20:00	12/13/11 09:17	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	86-30-6	
Pentachlorophenol	ND	ug/kg	2190	1	12/05/11 20:00	12/13/11 09:17	87-86-5	
Phenanthrene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	85-01-8	
Phenol	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	108-95-2	
Pyrene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	438	1	12/05/11 20:00	12/13/11 09:17	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	59	%	23-110	1	12/05/11 20:00	12/13/11 09:17	4165-60-0	
2-Fluorobiphenyl (S)	69	%	30-110	1	12/05/11 20:00	12/13/11 09:17	321-60-8	
Terphenyl-d14 (S)	88	%	28-110	1	12/05/11 20:00	12/13/11 09:17	1718-51-0	
Phenol-d6 (S)	70	%	22-110	1	12/05/11 20:00	12/13/11 09:17	13127-88-3	
2-Fluorophenol (S)	74	%	13-110	1	12/05/11 20:00	12/13/11 09:17	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-5 (3') **Lab ID: 92107633018** Collected: 11/30/11 12:10 Received: 12/02/11 16:24 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)	84	%	27-110	1	12/05/11 20:00	12/13/11 09:17	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	114	1		12/09/11 23:20	67-64-1	
Benzene	ND	ug/kg	5.7	1		12/09/11 23:20	71-43-2	
Bromobenzene	ND	ug/kg	5.7	1		12/09/11 23:20	108-86-1	
Bromochloromethane	ND	ug/kg	5.7	1		12/09/11 23:20	74-97-5	
Bromodichloromethane	ND	ug/kg	5.7	1		12/09/11 23:20	75-27-4	
Bromoform	ND	ug/kg	5.7	1		12/09/11 23:20	75-25-2	
Bromomethane	ND	ug/kg	11.4	1		12/09/11 23:20	74-83-9	
2-Butanone (MEK)	ND	ug/kg	114	1		12/09/11 23:20	78-93-3	
n-Butylbenzene	ND	ug/kg	5.7	1		12/09/11 23:20	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.7	1		12/09/11 23:20	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.7	1		12/09/11 23:20	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.7	1		12/09/11 23:20	56-23-5	
Chlorobenzene	ND	ug/kg	5.7	1		12/09/11 23:20	108-90-7	
Chloroethane	ND	ug/kg	11.4	1		12/09/11 23:20	75-00-3	
Chloroform	ND	ug/kg	5.7	1		12/09/11 23:20	67-66-3	
Chloromethane	ND	ug/kg	11.4	1		12/09/11 23:20	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.7	1		12/09/11 23:20	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.7	1		12/09/11 23:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.7	1		12/09/11 23:20	96-12-8	
Dibromochloromethane	ND	ug/kg	5.7	1		12/09/11 23:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.7	1		12/09/11 23:20	106-93-4	
Dibromomethane	ND	ug/kg	5.7	1		12/09/11 23:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.7	1		12/09/11 23:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.7	1		12/09/11 23:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.7	1		12/09/11 23:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	11.4	1		12/09/11 23:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.7	1		12/09/11 23:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.7	1		12/09/11 23:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.7	1		12/09/11 23:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.7	1		12/09/11 23:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.7	1		12/09/11 23:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.7	1		12/09/11 23:20	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.7	1		12/09/11 23:20	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.7	1		12/09/11 23:20	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.7	1		12/09/11 23:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.7	1		12/09/11 23:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.7	1		12/09/11 23:20	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.7	1		12/09/11 23:20	108-20-3	
Ethylbenzene	ND	ug/kg	5.7	1		12/09/11 23:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.7	1		12/09/11 23:20	87-68-3	
2-Hexanone	ND	ug/kg	57.2	1		12/09/11 23:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.7	1		12/09/11 23:20	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-FL-5 (3') **Lab ID: 92107633018** Collected: 11/30/11 12:10 Received: 12/02/11 16:24 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	5.7	1		12/09/11 23:20	99-87-6	
Methylene Chloride	ND	ug/kg	22.9	1		12/09/11 23:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	57.2	1		12/09/11 23:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.7	1		12/09/11 23:20	1634-04-4	
Naphthalene	ND	ug/kg	5.7	1		12/09/11 23:20	91-20-3	
n-Propylbenzene	ND	ug/kg	5.7	1		12/09/11 23:20	103-65-1	
Styrene	ND	ug/kg	5.7	1		12/09/11 23:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.7	1		12/09/11 23:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.7	1		12/09/11 23:20	79-34-5	
Tetrachloroethene	ND	ug/kg	5.7	1		12/09/11 23:20	127-18-4	
Toluene	ND	ug/kg	5.7	1		12/09/11 23:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.7	1		12/09/11 23:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.7	1		12/09/11 23:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.7	1		12/09/11 23:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.7	1		12/09/11 23:20	79-00-5	
Trichloroethene	ND	ug/kg	5.7	1		12/09/11 23:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.7	1		12/09/11 23:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.7	1		12/09/11 23:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.7	1		12/09/11 23:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.7	1		12/09/11 23:20	108-67-8	
Vinyl acetate	ND	ug/kg	57.2	1		12/09/11 23:20	108-05-4	
Vinyl chloride	ND	ug/kg	11.4	1		12/09/11 23:20	75-01-4	
Xylene (Total)	ND	ug/kg	11.4	1		12/09/11 23:20	1330-20-7	
m&p-Xylene	ND	ug/kg	11.4	1		12/09/11 23:20	179601-23-1	
o-Xylene	ND	ug/kg	5.7	1		12/09/11 23:20	95-47-6	
Surrogates								
Dibromofluoromethane (S)	98	%	70-130	1		12/09/11 23:20	1868-53-7	
Toluene-d8 (S)	103	%	70-130	1		12/09/11 23:20	2037-26-5	
4-Bromofluorobenzene (S)	103	%	70-130	1		12/09/11 23:20	460-00-4	
1,2-Dichloroethane-d4 (S)	97	%	70-132	1		12/09/11 23:20	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**25.6**	%	0.10	1		12/05/11 16:03		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-1 (4') **Lab ID: 92107633019** Collected: 11/30/11 12:40 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	13.6	1	12/05/11 08:35	12/07/11 18:41		N2
Aliphatic (C19-C36)	ND	mg/kg	13.6	1	12/05/11 08:35	12/07/11 18:41		N2
Aromatic (C11-C22)	ND	mg/kg	13.6	1	12/05/11 08:35	12/07/11 18:41		N2
Surrogates								
Nonatriacontane (S)	54	%	40-140	1	12/05/11 08:35	12/07/11 18:41	7194-86-7	
o-Terphenyl (S)	68	%	40-140	1	12/05/11 08:35	12/07/11 18:41	84-15-1	
2-Fluorobiphenyl (S)	99	%	40-140	1	12/05/11 08:35	12/07/11 18:41	321-60-8	
2-Bromonaphthalene (S)	101	%	40-140	1	12/05/11 08:35	12/07/11 18:41	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.7	1	12/10/11 09:38	12/10/11 14:59		N2
Aliphatic (C09-C12)	ND	mg/kg	3.7	1	12/10/11 09:38	12/10/11 14:59		N2
Aromatic (C09-C10)	ND	mg/kg	3.7	1	12/10/11 09:38	12/10/11 14:59		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	95	%	70-130	1	12/10/11 09:38	12/10/11 14:59		
2,5-Dibromotoluene (FID)(S)	122	%	70-130	1	12/10/11 09:38	12/10/11 14:59		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	83-32-9	
Acenaphthylene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	208-96-8	
Aniline	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	62-53-3	
Anthracene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	120-12-7	
Benzo(a)anthracene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	56-55-3	
Benzo(a)pyrene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	207-08-9	
Benzoic Acid	ND	ug/kg	2290	1	12/05/11 20:00	12/12/11 17:55	65-85-0	
Benzyl alcohol	ND	ug/kg	918	1	12/05/11 20:00	12/12/11 17:55	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	101-55-3	
Butylbenzylphthalate	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	918	1	12/05/11 20:00	12/12/11 17:55	59-50-7	
4-Chloroaniline	ND	ug/kg	2290	1	12/05/11 20:00	12/12/11 17:55	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	108-60-1	
2-Chloronaphthalene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	91-58-7	
2-Chlorophenol	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	7005-72-3	
Chrysene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	53-70-3	
Dibenzofuran	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2290	1	12/05/11 20:00	12/12/11 17:55	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-1 (4') **Lab ID: 92107633019** Collected: 11/30/11 12:40 Received: 12/02/11 16:24 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	12/05/11 20:00	12/12/11 17:55	120-83-2	
Diethylphthalate	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	105-67-9	
Dimethylphthalate	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	131-11-3	
Di-n-butylphthalate	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	918	1	12/05/11 20:00	12/12/11 17:55	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2290	1	12/05/11 20:00	12/12/11 17:55	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	606-20-2	
Di-n-octylphthalate	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	117-81-7	
Fluoranthene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	206-44-0	
Fluorene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	87-68-3	
Hexachlorobenzene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	77-47-4	
Hexachloroethane	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	193-39-5	
Isophorone	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	78-59-1	
1-Methylnaphthalene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	90-12-0	
2-Methylnaphthalene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55		
Naphthalene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	91-20-3	
2-Nitroaniline	ND	ug/kg	2290	1	12/05/11 20:00	12/12/11 17:55	88-74-4	
3-Nitroaniline	ND	ug/kg	2290	1	12/05/11 20:00	12/12/11 17:55	99-09-2	
4-Nitroaniline	ND	ug/kg	918	1	12/05/11 20:00	12/12/11 17:55	100-01-6	
Nitrobenzene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	98-95-3	
2-Nitrophenol	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	88-75-5	
4-Nitrophenol	ND	ug/kg	2290	1	12/05/11 20:00	12/12/11 17:55	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	86-30-6	
Pentachlorophenol	ND	ug/kg	2290	1	12/05/11 20:00	12/12/11 17:55	87-86-5	
Phenanthrene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	85-01-8	
Phenol	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	108-95-2	
Pyrene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	459	1	12/05/11 20:00	12/12/11 17:55	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	59	%	23-110	1	12/05/11 20:00	12/12/11 17:55	4165-60-0	
2-Fluorobiphenyl (S)	65	%	30-110	1	12/05/11 20:00	12/12/11 17:55	321-60-8	
Terphenyl-d14 (S)	82	%	28-110	1	12/05/11 20:00	12/12/11 17:55	1718-51-0	
Phenol-d6 (S)	73	%	22-110	1	12/05/11 20:00	12/12/11 17:55	13127-88-3	
2-Fluorophenol (S)	72	%	13-110	1	12/05/11 20:00	12/12/11 17:55	367-12-4	

Pace Analytical
www.pacelabs.com

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-1 (4') **Lab ID: 92107633019** Collected: 11/30/11 12:40 Received: 12/02/11 16:24 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)	77	%	27-110	1	12/05/11 20:00	12/12/11 17:55	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	104	1		12/10/11 17:15	67-64-1	
Benzene	ND	ug/kg	5.2	1		12/10/11 17:15	71-43-2	
Bromobenzene	ND	ug/kg	5.2	1		12/10/11 17:15	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	1		12/10/11 17:15	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	1		12/10/11 17:15	75-27-4	
Bromoform	ND	ug/kg	5.2	1		12/10/11 17:15	75-25-2	
Bromomethane	ND	ug/kg	10.4	1		12/10/11 17:15	74-83-9	
2-Butanone (MEK)	ND	ug/kg	104	1		12/10/11 17:15	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		12/10/11 17:15	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		12/10/11 17:15	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.2	1		12/10/11 17:15	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.2	1		12/10/11 17:15	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		12/10/11 17:15	108-90-7	
Chloroethane	ND	ug/kg	10.4	1		12/10/11 17:15	75-00-3	
Chloroform	ND	ug/kg	5.2	1		12/10/11 17:15	67-66-3	
Chloromethane	ND	ug/kg	10.4	1		12/10/11 17:15	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.2	1		12/10/11 17:15	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.2	1		12/10/11 17:15	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.2	1		12/10/11 17:15	96-12-8	
Dibromochloromethane	ND	ug/kg	5.2	1		12/10/11 17:15	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	1		12/10/11 17:15	106-93-4	
Dibromomethane	ND	ug/kg	5.2	1		12/10/11 17:15	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		12/10/11 17:15	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		12/10/11 17:15	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		12/10/11 17:15	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.4	1		12/10/11 17:15	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.2	1		12/10/11 17:15	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		12/10/11 17:15	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.2	1		12/10/11 17:15	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		12/10/11 17:15	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		12/10/11 17:15	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		12/10/11 17:15	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.2	1		12/10/11 17:15	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.2	1		12/10/11 17:15	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.2	1		12/10/11 17:15	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		12/10/11 17:15	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		12/10/11 17:15	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.2	1		12/10/11 17:15	108-20-3	
Ethylbenzene	ND	ug/kg	5.2	1		12/10/11 17:15	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	1		12/10/11 17:15	87-68-3	
2-Hexanone	ND	ug/kg	51.8	1		12/10/11 17:15	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		12/10/11 17:15	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-1 (4') **Lab ID: 92107633019** Collected: 11/30/11 12:40 Received: 12/02/11 16:24 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	5.2	1		12/10/11 17:15	99-87-6	
Methylene Chloride	ND	ug/kg	20.7	1		12/10/11 17:15	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	51.8	1		12/10/11 17:15	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		12/10/11 17:15	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1		12/10/11 17:15	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		12/10/11 17:15	103-65-1	
Styrene	ND	ug/kg	5.2	1		12/10/11 17:15	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	1		12/10/11 17:15	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		12/10/11 17:15	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		12/10/11 17:15	127-18-4	
Toluene	ND	ug/kg	5.2	1		12/10/11 17:15	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	1		12/10/11 17:15	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	1		12/10/11 17:15	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		12/10/11 17:15	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		12/10/11 17:15	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		12/10/11 17:15	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.2	1		12/10/11 17:15	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.2	1		12/10/11 17:15	96-18-4	
1,2,4-Trimethylbenzene	**36.8**	ug/kg	5.2	1		12/10/11 17:15	95-63-6	
1,3,5-Trimethylbenzene	**12.5**	ug/kg	5.2	1		12/10/11 17:15	108-67-8	
Vinyl acetate	ND	ug/kg	51.8	1		12/10/11 17:15	108-05-4	
Vinyl chloride	ND	ug/kg	10.4	1		12/10/11 17:15	75-01-4	
Xylene (Total)	**20.6**	ug/kg	10.4	1		12/10/11 17:15	1330-20-7	
m&p-Xylene	ND	ug/kg	10.4	1		12/10/11 17:15	179601-23-1	
o-Xylene	**12.9**	ug/kg	5.2	1		12/10/11 17:15	95-47-6	
Surrogates								
Dibromofluoromethane (S)	98	%	70-130	1		12/10/11 17:15	1868-53-7	
Toluene-d8 (S)	100	%	70-130	1		12/10/11 17:15	2037-26-5	
4-Bromofluorobenzene (S)	93	%	70-130	1		12/10/11 17:15	460-00-4	
1,2-Dichloroethane-d4 (S)	89	%	70-132	1		12/10/11 17:15	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**27.3**	%	0.10	1		12/05/11 16:03		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-2 (4') **Lab ID: 92107633020** Collected: 11/30/11 12:45 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	**1200**	mg/kg	365	25	12/08/11 09:46	12/13/11 14:36		N2
Aliphatic (C19-C36)	ND	mg/kg	365	25	12/08/11 09:46	12/13/11 14:36		N2
Aromatic (C11-C22)	**387**	mg/kg	58.4	4	12/08/11 09:46	12/13/11 14:36		N2
Surrogates								
Nonatriacontane (S)	0	%	40-140	25	12/08/11 09:46	12/13/11 14:36	7194-86-7	S4
o-Terphenyl (S)	73	%	40-140	4	12/08/11 09:46	12/13/11 14:36	84-15-1	
2-Fluorobiphenyl (S)	181	%	40-140	4	12/08/11 09:46	12/13/11 14:36	321-60-8	S5
2-Bromonaphthalene (S)	199	%	40-140	4	12/08/11 09:46	12/13/11 14:36	580-13-2	S5
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	**2810**	mg/kg	217	50	12/10/11 09:38	12/14/11 21:32		N2
Aliphatic (C09-C12)	**11400**	mg/kg	217	50	12/10/11 09:38	12/14/11 21:32		N2,NC
Aromatic (C09-C10)	**3260**	mg/kg	217	50	12/10/11 09:38	12/14/11 21:32		N2,NC
Surrogates								
2,5-Dibromotoluene (PID)(S)	26	%	70-130	50	12/10/11 09:38	12/14/11 21:32		S4
2,5-Dibromotoluene (FID)(S)	17	%	70-130	50	12/10/11 09:38	12/14/11 21:32		S4
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	83-32-9	
Acenaphthylene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	208-96-8	
Aniline	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	62-53-3	
Anthracene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	120-12-7	
Benzo(a)anthracene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	56-55-3	
Benzo(a)pyrene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	207-08-9	
Benzoic Acid	ND	ug/kg	2380	1	12/05/11 20:00	12/12/11 18:27	65-85-0	
Benzyl alcohol	ND	ug/kg	954	1	12/05/11 20:00	12/12/11 18:27	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	101-55-3	
Butylbenzylphthalate	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	954	1	12/05/11 20:00	12/12/11 18:27	59-50-7	
4-Chloroaniline	ND	ug/kg	2380	1	12/05/11 20:00	12/12/11 18:27	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	108-60-1	
2-Chloronaphthalene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	91-58-7	
2-Chlorophenol	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	7005-72-3	
Chrysene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	53-70-3	
Dibenzofuran	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2380	1	12/05/11 20:00	12/12/11 18:27	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-2 (4') **Lab ID: 92107633020** Collected: 11/30/11 12:45 Received: 12/02/11 16:24 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	477	1	12/05/11 20:00	12/12/11 18:27	120-83-2	
Diethylphthalate	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	105-67-9	
Dimethylphthalate	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	131-11-3	
Di-n-butylphthalate	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	954	1	12/05/11 20:00	12/12/11 18:27	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2380	1	12/05/11 20:00	12/12/11 18:27	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	606-20-2	
Di-n-octylphthalate	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	117-81-7	
Fluoranthene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	206-44-0	
Fluorene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	87-68-3	
Hexachlorobenzene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	77-47-4	
Hexachloroethane	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	193-39-5	
Isophorone	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	78-59-1	
1-Methylnaphthalene	**8210**	ug/kg	2380	5	12/05/11 20:00	12/12/11 18:59	90-12-0	
2-Methylnaphthalene	**19500**	ug/kg	2380	5	12/05/11 20:00	12/12/11 18:59	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27		
Naphthalene	**23800**	ug/kg	2380	5	12/05/11 20:00	12/12/11 18:59	91-20-3	
2-Nitroaniline	ND	ug/kg	2380	1	12/05/11 20:00	12/12/11 18:27	88-74-4	
3-Nitroaniline	ND	ug/kg	2380	1	12/05/11 20:00	12/12/11 18:27	99-09-2	
4-Nitroaniline	ND	ug/kg	954	1	12/05/11 20:00	12/12/11 18:27	100-01-6	
Nitrobenzene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	98-95-3	
2-Nitrophenol	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	88-75-5	
4-Nitrophenol	ND	ug/kg	2380	1	12/05/11 20:00	12/12/11 18:27	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	86-30-6	
Pentachlorophenol	ND	ug/kg	2380	1	12/05/11 20:00	12/12/11 18:27	87-86-5	
Phenanthrene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	85-01-8	
Phenol	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	108-95-2	
Pyrene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	477	1	12/05/11 20:00	12/12/11 18:27	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	56	%	23-110	1	12/05/11 20:00	12/12/11 18:27	4165-60-0	
2-Fluorobiphenyl (S)	67	%	30-110	1	12/05/11 20:00	12/12/11 18:27	321-60-8	
Terphenyl-d14 (S)	77	%	28-110	1	12/05/11 20:00	12/12/11 18:27	1718-51-0	
Phenol-d6 (S)	54	%	22-110	1	12/05/11 20:00	12/12/11 18:27	13127-88-3	
2-Fluorophenol (S)	54	%	13-110	1	12/05/11 20:00	12/12/11 18:27	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-2 (4') **Lab ID: 92107633020** Collected: 11/30/11 12:45 Received: 12/02/11 16:24 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)	75	%	27-110	1	12/05/11 20:00	12/12/11 18:27	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	22600	200		12/10/11 00:00	67-64-1	
Benzene	**2970**	ug/kg	1130	200		12/10/11 00:00	71-43-2	
Bromobenzene	ND	ug/kg	1130	200		12/10/11 00:00	108-86-1	
Bromochloromethane	ND	ug/kg	1130	200		12/10/11 00:00	74-97-5	
Bromodichloromethane	ND	ug/kg	1130	200		12/10/11 00:00	75-27-4	
Bromoform	ND	ug/kg	1130	200		12/10/11 00:00	75-25-2	
Bromomethane	ND	ug/kg	2260	200		12/10/11 00:00	74-83-9	
2-Butanone (MEK)	ND	ug/kg	22600	200		12/10/11 00:00	78-93-3	
n-Butylbenzene	**14600**	ug/kg	1130	200		12/10/11 00:00	104-51-8	
sec-Butylbenzene	**3350**	ug/kg	1130	200		12/10/11 00:00	135-98-8	
tert-Butylbenzene	ND	ug/kg	1130	200		12/10/11 00:00	98-06-6	
Carbon tetrachloride	ND	ug/kg	1130	200		12/10/11 00:00	56-23-5	
Chlorobenzene	ND	ug/kg	1130	200		12/10/11 00:00	108-90-7	
Chloroethane	ND	ug/kg	2260	200		12/10/11 00:00	75-00-3	
Chloroform	ND	ug/kg	1130	200		12/10/11 00:00	67-66-3	
Chloromethane	ND	ug/kg	2260	200		12/10/11 00:00	74-87-3	
2-Chlorotoluene	**17900**	ug/kg	1130	200		12/10/11 00:00	95-49-8	
4-Chlorotoluene	ND	ug/kg	1130	200		12/10/11 00:00	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	1130	200		12/10/11 00:00	96-12-8	
Dibromochloromethane	ND	ug/kg	1130	200		12/10/11 00:00	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	1130	200		12/10/11 00:00	106-93-4	
Dibromomethane	ND	ug/kg	1130	200		12/10/11 00:00	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	1130	200		12/10/11 00:00	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	1130	200		12/10/11 00:00	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	1130	200		12/10/11 00:00	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	2260	200		12/10/11 00:00	75-71-8	
1,1-Dichloroethane	ND	ug/kg	1130	200		12/10/11 00:00	75-34-3	
1,2-Dichloroethane	ND	ug/kg	1130	200		12/10/11 00:00	107-06-2	
1,1-Dichloroethene	ND	ug/kg	1130	200		12/10/11 00:00	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	1130	200		12/10/11 00:00	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	1130	200		12/10/11 00:00	156-60-5	
1,2-Dichloropropane	ND	ug/kg	1130	200		12/10/11 00:00	78-87-5	
1,3-Dichloropropane	ND	ug/kg	1130	200		12/10/11 00:00	142-28-9	
2,2-Dichloropropane	ND	ug/kg	1130	200		12/10/11 00:00	594-20-7	
1,1-Dichloropropene	ND	ug/kg	1130	200		12/10/11 00:00	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	1130	200		12/10/11 00:00	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	1130	200		12/10/11 00:00	10061-02-6	
Diisopropyl ether	ND	ug/kg	1130	200		12/10/11 00:00	108-20-3	
Ethylbenzene	**70000**	ug/kg	11300	2000		12/10/11 15:36	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	1130	200		12/10/11 00:00	87-68-3	
2-Hexanone	ND	ug/kg	11300	200		12/10/11 00:00	591-78-6	
Isopropylbenzene (Cumene)	**6370**	ug/kg	1130	200		12/10/11 00:00	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-2 (4') **Lab ID: 92107633020** Collected: 11/30/11 12:45 Received: 12/02/11 16:24 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	**7610**	ug/kg	1130	200		12/10/11 00:00	99-87-6	
Methylene Chloride	ND	ug/kg	4530	200		12/10/11 00:00	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	11300	200		12/10/11 00:00	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	1130	200		12/10/11 00:00	1634-04-4	
Naphthalene	**15000**	ug/kg	1130	200		12/10/11 00:00	91-20-3	
n-Propylbenzene	**22800**	ug/kg	1130	200		12/10/11 00:00	103-65-1	
Styrene	ND	ug/kg	1130	200		12/10/11 00:00	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	1130	200		12/10/11 00:00	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	1130	200		12/10/11 00:00	79-34-5	
Tetrachloroethene	ND	ug/kg	1130	200		12/10/11 00:00	127-18-4	
Toluene	**145000**	ug/kg	11300	2000		12/10/11 15:36	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	1130	200		12/10/11 00:00	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	1130	200		12/10/11 00:00	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	1130	200		12/10/11 00:00	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	1130	200		12/10/11 00:00	79-00-5	
Trichloroethene	ND	ug/kg	1130	200		12/10/11 00:00	79-01-6	
Trichlorofluoromethane	ND	ug/kg	1130	200		12/10/11 00:00	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	1130	200		12/10/11 00:00	96-18-4	
1,2,4-Trimethylbenzene	**279000**	ug/kg	11300	2000		12/10/11 15:36	95-63-6	
1,3,5-Trimethylbenzene	**75400**	ug/kg	11300	2000		12/10/11 15:36	108-67-8	
Vinyl acetate	ND	ug/kg	11300	200		12/10/11 00:00	108-05-4	
Vinyl chloride	ND	ug/kg	2260	200		12/10/11 00:00	75-01-4	
Xylene (Total)	**438000**	ug/kg	22600	2000		12/10/11 15:36	1330-20-7	
m&p-Xylene	**303000**	ug/kg	22600	2000		12/10/11 15:36	179601-23-1	
o-Xylene	**135000**	ug/kg	11300	2000		12/10/11 15:36	95-47-6	
Surrogates								
Dibromofluoromethane (S)	106	%	70-130	200		12/10/11 00:00	1868-53-7	
Toluene-d8 (S)	102	%	70-130	200		12/10/11 00:00	2037-26-5	
4-Bromofluorobenzene (S)	106	%	70-130	200		12/10/11 00:00	460-00-4	
1,2-Dichloroethane-d4 (S)	113	%	70-132	200		12/10/11 00:00	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**31.5**	%	0.10	1		12/05/11 16:03		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-3 (4') **Lab ID: 92107633021** Collected: 11/30/11 12:50 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	ND	mg/kg	13.2	1	12/08/11 09:46	12/13/11 13:24		N2
Aliphatic (C19-C36)	ND	mg/kg	13.2	1	12/08/11 09:46	12/13/11 13:24		N2
Aromatic (C11-C22)	ND	mg/kg	13.2	1	12/08/11 09:46	12/13/11 13:24		N2
Surrogates								
Nonatriacontane (S)	90	%	40-140	1	12/08/11 09:46	12/13/11 13:24	7194-86-7	
o-Terphenyl (S)	68	%	40-140	1	12/08/11 09:46	12/13/11 13:24	84-15-1	
2-Fluorobiphenyl (S)	96	%	40-140	1	12/08/11 09:46	12/13/11 13:24	321-60-8	
2-Bromonaphthalene (S)	101	%	40-140	1	12/08/11 09:46	12/13/11 13:24	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	ND	mg/kg	3.7	1	12/10/11 09:38	12/10/11 16:14		N2
Aliphatic (C09-C12)	ND	mg/kg	3.7	1	12/10/11 09:38	12/10/11 16:14		N2
Aromatic (C09-C10)	ND	mg/kg	3.7	1	12/10/11 09:38	12/10/11 16:14		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	98	%	70-130	1	12/10/11 09:38	12/10/11 16:14		
2,5-Dibromotoluene (FID)(S)	129	%	70-130	1	12/10/11 09:38	12/10/11 16:14		
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	83-32-9	
Acenaphthylene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	208-96-8	
Aniline	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	62-53-3	
Anthracene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	120-12-7	
Benzo(a)anthracene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	56-55-3	
Benzo(a)pyrene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	207-08-9	
Benzoic Acid	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 19:39	65-85-0	
Benzyl alcohol	ND	ug/kg	873	1	12/05/11 20:00	12/12/11 19:39	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	101-55-3	
Butylbenzylphthalate	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	873	1	12/05/11 20:00	12/12/11 19:39	59-50-7	
4-Chloroaniline	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 19:39	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	108-60-1	
2-Chloronaphthalene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	91-58-7	
2-Chlorophenol	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	7005-72-3	
Chrysene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	53-70-3	
Dibenzofuran	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 19:39	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-3 (4') **Lab ID: 92107633021** Collected: 11/30/11 12:50 Received: 12/02/11 16:24 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	436	1	12/05/11 20:00	12/12/11 19:39	120-83-2	
Diethylphthalate	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	105-67-9	
Dimethylphthalate	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	131-11-3	
Di-n-butylphthalate	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	873	1	12/05/11 20:00	12/12/11 19:39	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 19:39	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	606-20-2	
Di-n-octylphthalate	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	117-81-7	
Fluoranthene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	206-44-0	
Fluorene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	87-68-3	
Hexachlorobenzene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	77-47-4	
Hexachloroethane	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	193-39-5	
Isophorone	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	78-59-1	
1-Methylnaphthalene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	90-12-0	
2-Methylnaphthalene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39		
Naphthalene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	91-20-3	
2-Nitroaniline	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 19:39	88-74-4	
3-Nitroaniline	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 19:39	99-09-2	
4-Nitroaniline	ND	ug/kg	873	1	12/05/11 20:00	12/12/11 19:39	100-01-6	
Nitrobenzene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	98-95-3	
2-Nitrophenol	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	88-75-5	
4-Nitrophenol	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 19:39	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	86-30-6	
Pentachlorophenol	ND	ug/kg	2180	1	12/05/11 20:00	12/12/11 19:39	87-86-5	
Phenanthrene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	85-01-8	
Phenol	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	108-95-2	
Pyrene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	436	1	12/05/11 20:00	12/12/11 19:39	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	76	%	23-110	1	12/05/11 20:00	12/12/11 19:39	4165-60-0	
2-Fluorobiphenyl (S)	80	%	30-110	1	12/05/11 20:00	12/12/11 19:39	321-60-8	
Terphenyl-d14 (S)	80	%	28-110	1	12/05/11 20:00	12/12/11 19:39	1718-51-0	
Phenol-d6 (S)	78	%	22-110	1	12/05/11 20:00	12/12/11 19:39	13127-88-3	
2-Fluorophenol (S)	76	%	13-110	1	12/05/11 20:00	12/12/11 19:39	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-3 (4') **Lab ID: 92107633021** Collected: 11/30/11 12:50 Received: 12/02/11 16:24 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)	78	%	27-110	1	12/05/11 20:00	12/12/11 19:39	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	104	1		12/10/11 00:20	67-64-1	
Benzene	ND	ug/kg	5.2	1		12/10/11 00:20	71-43-2	
Bromobenzene	ND	ug/kg	5.2	1		12/10/11 00:20	108-86-1	
Bromochloromethane	ND	ug/kg	5.2	1		12/10/11 00:20	74-97-5	
Bromodichloromethane	ND	ug/kg	5.2	1		12/10/11 00:20	75-27-4	
Bromoform	ND	ug/kg	5.2	1		12/10/11 00:20	75-25-2	
Bromomethane	ND	ug/kg	10.4	1		12/10/11 00:20	74-83-9	
2-Butanone (MEK)	ND	ug/kg	104	1		12/10/11 00:20	78-93-3	
n-Butylbenzene	ND	ug/kg	5.2	1		12/10/11 00:20	104-51-8	
sec-Butylbenzene	ND	ug/kg	5.2	1		12/10/11 00:20	135-98-8	
tert-Butylbenzene	ND	ug/kg	5.2	1		12/10/11 00:20	98-06-6	
Carbon tetrachloride	ND	ug/kg	5.2	1		12/10/11 00:20	56-23-5	
Chlorobenzene	ND	ug/kg	5.2	1		12/10/11 00:20	108-90-7	
Chloroethane	ND	ug/kg	10.4	1		12/10/11 00:20	75-00-3	
Chloroform	ND	ug/kg	5.2	1		12/10/11 00:20	67-66-3	
Chloromethane	ND	ug/kg	10.4	1		12/10/11 00:20	74-87-3	
2-Chlorotoluene	ND	ug/kg	5.2	1		12/10/11 00:20	95-49-8	
4-Chlorotoluene	ND	ug/kg	5.2	1		12/10/11 00:20	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	5.2	1		12/10/11 00:20	96-12-8	
Dibromochloromethane	ND	ug/kg	5.2	1		12/10/11 00:20	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	5.2	1		12/10/11 00:20	106-93-4	
Dibromomethane	ND	ug/kg	5.2	1		12/10/11 00:20	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	5.2	1		12/10/11 00:20	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	5.2	1		12/10/11 00:20	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	5.2	1		12/10/11 00:20	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	10.4	1		12/10/11 00:20	75-71-8	
1,1-Dichloroethane	ND	ug/kg	5.2	1		12/10/11 00:20	75-34-3	
1,2-Dichloroethane	ND	ug/kg	5.2	1		12/10/11 00:20	107-06-2	
1,1-Dichloroethene	ND	ug/kg	5.2	1		12/10/11 00:20	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	5.2	1		12/10/11 00:20	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	5.2	1		12/10/11 00:20	156-60-5	
1,2-Dichloropropane	ND	ug/kg	5.2	1		12/10/11 00:20	78-87-5	
1,3-Dichloropropane	ND	ug/kg	5.2	1		12/10/11 00:20	142-28-9	
2,2-Dichloropropane	ND	ug/kg	5.2	1		12/10/11 00:20	594-20-7	
1,1-Dichloropropene	ND	ug/kg	5.2	1		12/10/11 00:20	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	5.2	1		12/10/11 00:20	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	5.2	1		12/10/11 00:20	10061-02-6	
Diisopropyl ether	ND	ug/kg	5.2	1		12/10/11 00:20	108-20-3	
Ethylbenzene	ND	ug/kg	5.2	1		12/10/11 00:20	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	5.2	1		12/10/11 00:20	87-68-3	
2-Hexanone	ND	ug/kg	52.2	1		12/10/11 00:20	591-78-6	
Isopropylbenzene (Cumene)	ND	ug/kg	5.2	1		12/10/11 00:20	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-3 (4') **Lab ID: 92107633021** Collected: 11/30/11 12:50 Received: 12/02/11 16:24 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	5.2	1		12/10/11 00:20	99-87-6	
Methylene Chloride	ND	ug/kg	20.9	1		12/10/11 00:20	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	52.2	1		12/10/11 00:20	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	5.2	1		12/10/11 00:20	1634-04-4	
Naphthalene	ND	ug/kg	5.2	1		12/10/11 00:20	91-20-3	
n-Propylbenzene	ND	ug/kg	5.2	1		12/10/11 00:20	103-65-1	
Styrene	ND	ug/kg	5.2	1		12/10/11 00:20	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	5.2	1		12/10/11 00:20	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	5.2	1		12/10/11 00:20	79-34-5	
Tetrachloroethene	ND	ug/kg	5.2	1		12/10/11 00:20	127-18-4	
Toluene	ND	ug/kg	5.2	1		12/10/11 00:20	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	5.2	1		12/10/11 00:20	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	5.2	1		12/10/11 00:20	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	5.2	1		12/10/11 00:20	71-55-6	
1,1,2-Trichloroethane	ND	ug/kg	5.2	1		12/10/11 00:20	79-00-5	
Trichloroethene	ND	ug/kg	5.2	1		12/10/11 00:20	79-01-6	
Trichlorofluoromethane	ND	ug/kg	5.2	1		12/10/11 00:20	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	5.2	1		12/10/11 00:20	96-18-4	
1,2,4-Trimethylbenzene	ND	ug/kg	5.2	1		12/10/11 00:20	95-63-6	
1,3,5-Trimethylbenzene	ND	ug/kg	5.2	1		12/10/11 00:20	108-67-8	
Vinyl acetate	ND	ug/kg	52.2	1		12/10/11 00:20	108-05-4	
Vinyl chloride	ND	ug/kg	10.4	1		12/10/11 00:20	75-01-4	
Xylene (Total)	ND	ug/kg	10.4	1		12/10/11 00:20	1330-20-7	
m&p-Xylene	ND	ug/kg	10.4	1		12/10/11 00:20	179601-23-1	
o-Xylene	ND	ug/kg	5.2	1		12/10/11 00:20	95-47-6	
Surrogates								
Dibromofluoromethane (S)	111	%	70-130	1		12/10/11 00:20	1868-53-7	
Toluene-d8 (S)	103	%	70-130	1		12/10/11 00:20	2037-26-5	
4-Bromofluorobenzene (S)	84	%	70-130	1		12/10/11 00:20	460-00-4	
1,2-Dichloroethane-d4 (S)	106	%	70-132	1		12/10/11 00:20	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**25.4**	%	0.10	1		12/05/11 16:04		

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-4 (4') **Lab ID: 92107633022** Collected: 11/30/11 12:55 Received: 12/02/11 16:24 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
MADEP EPH NC Soil	Analytical Method: MADEP EPH Preparation Method: MADEP EPH							
Aliphatic (C09-C18)	**17.1**	mg/kg	15.1	1	12/08/11 09:46	12/13/11 14:00		N2
Aliphatic (C19-C36)	ND	mg/kg	15.1	1	12/08/11 09:46	12/13/11 14:00		N2
Aromatic (C11-C22)	ND	mg/kg	15.1	1	12/08/11 09:46	12/13/11 14:00		N2
Surrogates								
Nonatriacontane (S)	94	%	40-140	1	12/08/11 09:46	12/13/11 14:00	7194-86-7	
o-Terphenyl (S)	65	%	40-140	1	12/08/11 09:46	12/13/11 14:00	84-15-1	
2-Fluorobiphenyl (S)	99	%	40-140	1	12/08/11 09:46	12/13/11 14:00	321-60-8	
2-Bromonaphthalene (S)	104	%	40-140	1	12/08/11 09:46	12/13/11 14:00	580-13-2	
VPH NC Soil	Analytical Method: MADEP VPH Preparation Method: MADEP VPH							
Aliphatic (C05-C08)	**31.7**	mg/kg	4.4	1	12/10/11 09:38	12/10/11 16:39		N2
Aliphatic (C09-C12)	**97.5**	mg/kg	4.4	1	12/10/11 09:38	12/10/11 16:39		N2,NC
Aromatic (C09-C10)	**22.2**	mg/kg	4.4	1	12/10/11 09:38	12/10/11 16:39		N2
Surrogates								
2,5-Dibromotoluene (PID)(S)	137	%	70-130	1	12/10/11 09:38	12/10/11 16:39		2g
2,5-Dibromotoluene (FID)(S)	136	%	70-130	1	12/10/11 09:38	12/10/11 16:39		2g
8270 MSSV Microwave	Analytical Method: EPA 8270 Preparation Method: EPA 3546							
Acenaphthene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	83-32-9	
Acenaphthylene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	208-96-8	
Aniline	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	62-53-3	
Anthracene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	120-12-7	
Benzo(a)anthracene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	56-55-3	
Benzo(a)pyrene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	50-32-8	
Benzo(b)fluoranthene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	205-99-2	
Benzo(g,h,i)perylene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	191-24-2	
Benzo(k)fluoranthene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	207-08-9	
Benzoic Acid	ND	ug/kg	2490	1	12/05/11 20:00	12/12/11 20:07	65-85-0	
Benzyl alcohol	ND	ug/kg	997	1	12/05/11 20:00	12/12/11 20:07	100-51-6	
4-Bromophenylphenyl ether	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	101-55-3	
Butylbenzylphthalate	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	85-68-7	
4-Chloro-3-methylphenol	ND	ug/kg	997	1	12/05/11 20:00	12/12/11 20:07	59-50-7	
4-Chloroaniline	ND	ug/kg	2490	1	12/05/11 20:00	12/12/11 20:07	106-47-8	
bis(2-Chloroethoxy)methane	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	111-91-1	
bis(2-Chloroethyl) ether	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	111-44-4	
bis(2-Chloroisopropyl) ether	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	108-60-1	
2-Chloronaphthalene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	91-58-7	
2-Chlorophenol	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	95-57-8	
4-Chlorophenylphenyl ether	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	7005-72-3	
Chrysene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	218-01-9	
Dibenz(a,h)anthracene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	53-70-3	
Dibenzofuran	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	132-64-9	
1,2-Dichlorobenzene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	106-46-7	
3,3'-Dichlorobenzidine	ND	ug/kg	2490	1	12/05/11 20:00	12/12/11 20:07	91-94-1	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-4 (4') **Lab ID: 92107633022** Collected: 11/30/11 12:55 Received: 12/02/11 16:24 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	499	1	12/05/11 20:00	12/12/11 20:07	120-83-2	
Diethylphthalate	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	84-66-2	
2,4-Dimethylphenol	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	105-67-9	
Dimethylphthalate	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	131-11-3	
Di-n-butylphthalate	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	84-74-2	
4,6-Dinitro-2-methylphenol	ND	ug/kg	997	1	12/05/11 20:00	12/12/11 20:07	534-52-1	
2,4-Dinitrophenol	ND	ug/kg	2490	1	12/05/11 20:00	12/12/11 20:07	51-28-5	
2,4-Dinitrotoluene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	121-14-2	
2,6-Dinitrotoluene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	606-20-2	
Di-n-octylphthalate	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	117-84-0	
bis(2-Ethylhexyl)phthalate	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	117-81-7	
Fluoranthene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	206-44-0	
Fluorene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	86-73-7	
Hexachloro-1,3-butadiene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	87-68-3	
Hexachlorobenzene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	118-74-1	
Hexachlorocyclopentadiene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	77-47-4	
Hexachloroethane	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	67-72-1	
Indeno(1,2,3-cd)pyrene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	193-39-5	
Isophorone	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	78-59-1	
1-Methylnaphthalene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	90-12-0	
2-Methylnaphthalene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	91-57-6	
2-Methylphenol(o-Cresol)	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	95-48-7	
3&4-Methylphenol(m&p Cresol)	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07		
Naphthalene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	91-20-3	
2-Nitroaniline	ND	ug/kg	2490	1	12/05/11 20:00	12/12/11 20:07	88-74-4	
3-Nitroaniline	ND	ug/kg	2490	1	12/05/11 20:00	12/12/11 20:07	99-09-2	
4-Nitroaniline	ND	ug/kg	997	1	12/05/11 20:00	12/12/11 20:07	100-01-6	
Nitrobenzene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	98-95-3	
2-Nitrophenol	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	88-75-5	
4-Nitrophenol	ND	ug/kg	2490	1	12/05/11 20:00	12/12/11 20:07	100-02-7	
N-Nitrosodimethylamine	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	62-75-9	
N-Nitroso-di-n-propylamine	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	621-64-7	
N-Nitrosodiphenylamine	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	86-30-6	
Pentachlorophenol	ND	ug/kg	2490	1	12/05/11 20:00	12/12/11 20:07	87-86-5	
Phenanthrene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	85-01-8	
Phenol	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	108-95-2	
Pyrene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	129-00-0	
1,2,4-Trichlorobenzene	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	120-82-1	
2,4,5-Trichlorophenol	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	95-95-4	
2,4,6-Trichlorophenol	ND	ug/kg	499	1	12/05/11 20:00	12/12/11 20:07	88-06-2	
Surrogates								
Nitrobenzene-d5 (S)	61	%	23-110	1	12/05/11 20:00	12/12/11 20:07	4165-60-0	
2-Fluorobiphenyl (S)	45	%	30-110	1	12/05/11 20:00	12/12/11 20:07	321-60-8	
Terphenyl-d14 (S)	25	%	28-110	1	12/05/11 20:00	12/12/11 20:07	1718-51-0	S0
Phenol-d6 (S)	59	%	22-110	1	12/05/11 20:00	12/12/11 20:07	13127-88-3	
2-Fluorophenol (S)	58	%	13-110	1	12/05/11 20:00	12/12/11 20:07	367-12-4	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-4 (4') **Lab ID: 92107633022** Collected: 11/30/11 12:55 Received: 12/02/11 16:24 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)	44	%	27-110	1	12/05/11 20:00	12/12/11 20:07	118-79-6	
8260/5035A Volatile Organics	Analytical Method: EPA 8260							
Acetone	ND	ug/kg	121	1		12/10/11 00:40	67-64-1	
Benzene	**38.2**	ug/kg	6.1	1		12/10/11 00:40	71-43-2	
Bromobenzene	ND	ug/kg	6.1	1		12/10/11 00:40	108-86-1	
Bromochloromethane	ND	ug/kg	6.1	1		12/10/11 00:40	74-97-5	
Bromodichloromethane	ND	ug/kg	6.1	1		12/10/11 00:40	75-27-4	
Bromoform	ND	ug/kg	6.1	1		12/10/11 00:40	75-25-2	
Bromomethane	ND	ug/kg	12.1	1		12/10/11 00:40	74-83-9	
2-Butanone (MEK)	ND	ug/kg	121	1		12/10/11 00:40	78-93-3	
n-Butylbenzene	**141**	ug/kg	6.1	1		12/10/11 00:40	104-51-8	
sec-Butylbenzene	**19.0**	ug/kg	6.1	1		12/10/11 00:40	135-98-8	
tert-Butylbenzene	ND	ug/kg	6.1	1		12/10/11 00:40	98-06-6	
Carbon tetrachloride	ND	ug/kg	6.1	1		12/10/11 00:40	56-23-5	
Chlorobenzene	ND	ug/kg	6.1	1		12/10/11 00:40	108-90-7	
Chloroethane	ND	ug/kg	12.1	1		12/10/11 00:40	75-00-3	
Chloroform	ND	ug/kg	6.1	1		12/10/11 00:40	67-66-3	
Chloromethane	ND	ug/kg	12.1	1		12/10/11 00:40	74-87-3	
2-Chlorotoluene	ND	ug/kg	6.1	1		12/10/11 00:40	95-49-8	
4-Chlorotoluene	ND	ug/kg	6.1	1		12/10/11 00:40	106-43-4	
1,2-Dibromo-3-chloropropane	ND	ug/kg	6.1	1		12/10/11 00:40	96-12-8	
Dibromochloromethane	ND	ug/kg	6.1	1		12/10/11 00:40	124-48-1	
1,2-Dibromoethane (EDB)	ND	ug/kg	6.1	1		12/10/11 00:40	106-93-4	
Dibromomethane	ND	ug/kg	6.1	1		12/10/11 00:40	74-95-3	
1,2-Dichlorobenzene	ND	ug/kg	6.1	1		12/10/11 00:40	95-50-1	
1,3-Dichlorobenzene	ND	ug/kg	6.1	1		12/10/11 00:40	541-73-1	
1,4-Dichlorobenzene	ND	ug/kg	6.1	1		12/10/11 00:40	106-46-7	
Dichlorodifluoromethane	ND	ug/kg	12.1	1		12/10/11 00:40	75-71-8	
1,1-Dichloroethane	ND	ug/kg	6.1	1		12/10/11 00:40	75-34-3	
1,2-Dichloroethane	ND	ug/kg	6.1	1		12/10/11 00:40	107-06-2	
1,1-Dichloroethene	ND	ug/kg	6.1	1		12/10/11 00:40	75-35-4	
cis-1,2-Dichloroethene	ND	ug/kg	6.1	1		12/10/11 00:40	156-59-2	
trans-1,2-Dichloroethene	ND	ug/kg	6.1	1		12/10/11 00:40	156-60-5	
1,2-Dichloropropane	ND	ug/kg	6.1	1		12/10/11 00:40	78-87-5	
1,3-Dichloropropane	ND	ug/kg	6.1	1		12/10/11 00:40	142-28-9	
2,2-Dichloropropane	ND	ug/kg	6.1	1		12/10/11 00:40	594-20-7	
1,1-Dichloropropene	ND	ug/kg	6.1	1		12/10/11 00:40	563-58-6	
cis-1,3-Dichloropropene	ND	ug/kg	6.1	1		12/10/11 00:40	10061-01-5	
trans-1,3-Dichloropropene	ND	ug/kg	6.1	1		12/10/11 00:40	10061-02-6	
Diisopropyl ether	ND	ug/kg	6.1	1		12/10/11 00:40	108-20-3	
Ethylbenzene	**644**	ug/kg	135	25		12/10/11 15:56	100-41-4	
Hexachloro-1,3-butadiene	ND	ug/kg	6.1	1		12/10/11 00:40	87-68-3	
2-Hexanone	ND	ug/kg	60.6	1		12/10/11 00:40	591-78-6	
Isopropylbenzene (Cumene)	**33.9**	ug/kg	6.1	1		12/10/11 00:40	98-82-8	

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

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

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

ANALYTICAL RESULTS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Sample: P34-DI-4 (4') **Lab ID: 92107633022** Collected: 11/30/11 12:55 Received: 12/02/11 16:24 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	**39.5**	ug/kg	6.1	1		12/10/11 00:40	99-87-6	
Methylene Chloride	ND	ug/kg	24.2	1		12/10/11 00:40	75-09-2	
4-Methyl-2-pentanone (MIBK)	ND	ug/kg	60.6	1		12/10/11 00:40	108-10-1	
Methyl-tert-butyl ether	ND	ug/kg	6.1	1		12/10/11 00:40	1634-04-4	
Naphthalene	**126**	ug/kg	6.1	1		12/10/11 00:40	91-20-3	
n-Propylbenzene	**152**	ug/kg	6.1	1		12/10/11 00:40	103-65-1	
Styrene	ND	ug/kg	6.1	1		12/10/11 00:40	100-42-5	
1,1,1,2-Tetrachloroethane	ND	ug/kg	6.1	1		12/10/11 00:40	630-20-6	
1,1,2,2-Tetrachloroethane	ND	ug/kg	6.1	1		12/10/11 00:40	79-34-5	
Tetrachloroethene	ND	ug/kg	6.1	1		12/10/11 00:40	127-18-4	
Toluene	**1280**	ug/kg	135	25		12/10/11 15:56	108-88-3	
1,2,3-Trichlorobenzene	ND	ug/kg	6.1	1		12/10/11 00:40	87-61-6	
1,2,4-Trichlorobenzene	ND	ug/kg	6.1	1		12/10/11 00:40	120-82-1	
1,1,1-Trichloroethane	ND	ug/kg	6.1	1		12/10/11 00:40	71-55-6	
1,1,2-Trichloroethane	**9.7**	ug/kg	6.1	1		12/10/11 00:40	79-00-5	
Trichloroethene	ND	ug/kg	6.1	1		12/10/11 00:40	79-01-6	
Trichlorofluoromethane	ND	ug/kg	6.1	1		12/10/11 00:40	75-69-4	
1,2,3-Trichloropropane	ND	ug/kg	6.1	1		12/10/11 00:40	96-18-4	
1,2,4-Trimethylbenzene	**3540**	ug/kg	135	25		12/10/11 15:56	95-63-6	
1,3,5-Trimethylbenzene	**933**	ug/kg	135	25		12/10/11 15:56	108-67-8	
Vinyl acetate	ND	ug/kg	60.6	1		12/10/11 00:40	108-05-4	
Vinyl chloride	ND	ug/kg	12.1	1		12/10/11 00:40	75-01-4	
Xylene (Total)	**3450**	ug/kg	270	25		12/10/11 15:56	1330-20-7	
m&p-Xylene	**2370**	ug/kg	270	25		12/10/11 15:56	179601-23-1	
o-Xylene	**1080**	ug/kg	135	25		12/10/11 15:56	95-47-6	
Surrogates								
Dibromofluoromethane (S)	103	%	70-130	1		12/10/11 00:40	1868-53-7	
Toluene-d8 (S)	98	%	70-130	1		12/10/11 00:40	2037-26-5	
4-Bromofluorobenzene (S)	95	%	70-130	1		12/10/11 00:40	460-00-4	
1,2-Dichloroethane-d4 (S)	100	%	70-132	1		12/10/11 00:40	17060-07-0	
Percent Moisture	Analytical Method: ASTM D2974-87							
Percent Moisture	**32.9**	%	0.10	1		12/05/11 16:04		

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: GCV/5571 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Soil
Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633008

METHOD BLANK: 695288 Matrix: Solid
Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.4	12/07/11 21:35	N2
Aliphatic (C09-C12)	mg/kg	ND	2.4	12/07/11 21:35	N2
Aromatic (C09-C10)	mg/kg	ND	2.4	12/07/11 21:35	N2
2,5-Dibromotoluene (FID)(S)	%	80	70-130	12/07/11 21:35	
2,5-Dibromotoluene (PID)(S)	%	72	70-130	12/07/11 21:35	

METHOD BLANK: 697123 Matrix: Solid
Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.4	12/08/11 11:58	N2
Aliphatic (C09-C12)	mg/kg	ND	2.4	12/08/11 11:58	N2
Aromatic (C09-C10)	mg/kg	ND	2.4	12/08/11 11:58	N2
2,5-Dibromotoluene (FID)(S)	%	102	70-130	12/08/11 11:58	
2,5-Dibromotoluene (PID)(S)	%	90	70-130	12/08/11 11:58	

LABORATORY CONTROL SAMPLE & LCSD: 695289 695290

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.5	15.1	15.2	104	105	70-130	1	25	N2
Aliphatic (C09-C12)	mg/kg	14.5	13.6	13.2	94	91	30-130	3	25	N2
Aromatic (C09-C10)	mg/kg	4.8	4.3	4.4	88	90	70-130	2	25	N2
2,5-Dibromotoluene (FID)(S)	%				80	77	70-130			
2,5-Dibromotoluene (PID)(S)	%				91	88	70-130			

LABORATORY CONTROL SAMPLE & LCSD: 697124 697125

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.3	15.3	16.4	107	114	70-130	7	25	N2
Aliphatic (C09-C12)	mg/kg	14.3	14.6	15.0	102	104	30-130	3	25	N2
Aromatic (C09-C10)	mg/kg	4.8	4.2	4.5	88	95	70-130	7	25	N2
2,5-Dibromotoluene (FID)(S)	%				103	116	70-130			
2,5-Dibromotoluene (PID)(S)	%				103	113	70-130			

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: GCV/5586 Analysis Method: MADEP VPH
QC Batch Method: MADEP VPH Analysis Description: VPH NC Soil
Associated Lab Samples: 92107633009, 92107633010, 92107633011, 92107633012, 92107633013, 92107633014, 92107633015, 92107633016, 92107633017, 92107633018, 92107633019, 92107633020, 92107633021

METHOD BLANK: 698197 Matrix: Solid
Associated Lab Samples: 92107633009, 92107633010, 92107633011, 92107633012, 92107633013, 92107633014, 92107633015, 92107633016, 92107633017, 92107633018, 92107633019, 92107633020, 92107633021, 92107633022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.4	12/10/11 10:26	N2
Aliphatic (C09-C12)	mg/kg	ND	2.4	12/10/11 10:26	N2
Aromatic (C09-C10)	mg/kg	ND	2.4	12/10/11 10:26	N2
2,5-Dibromotoluene (FID)(S)	%	95	70-130	12/10/11 10:26	
2,5-Dibromotoluene (PID)(S)	%	70	70-130	12/10/11 10:26	

METHOD BLANK: 699776 Matrix: Solid
Associated Lab Samples: 92107633009, 92107633010, 92107633011, 92107633012, 92107633013, 92107633014, 92107633015, 92107633016, 92107633017, 92107633018, 92107633019, 92107633020, 92107633021, 92107633022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C05-C08)	mg/kg	ND	2.4	12/14/11 18:43	N2
Aliphatic (C09-C12)	mg/kg	ND	2.4	12/14/11 18:43	N2
Aromatic (C09-C10)	mg/kg	ND	2.4	12/14/11 18:43	N2
2,5-Dibromotoluene (FID)(S)	%	109	70-130	12/14/11 18:43	
2,5-Dibromotoluene (PID)(S)	%	97	70-130	12/14/11 18:43	

LABORATORY CONTROL SAMPLE & LCSD: 698198 698199

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.2	16.4	17.0	115	120	70-130	4	25	N2
Aliphatic (C09-C12)	mg/kg	14.2	15.5	16.4	109	115	30-130	6	25	N2
Aromatic (C09-C10)	mg/kg	4.7	4.1	4.3	87	91	70-130	4	25	N2
2,5-Dibromotoluene (FID)(S)	%				84	104	70-130			
2,5-Dibromotoluene (PID)(S)	%				83	97	70-130			

LABORATORY CONTROL SAMPLE & LCSD: 699777 699778

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C05-C08)	mg/kg	14.5	15.4	15.1	107	104	70-130	2	25	N2
Aliphatic (C09-C12)	mg/kg	14.5	16.0	15.6	111	108	30-130	2	25	N2
Aromatic (C09-C10)	mg/kg	4.8	5.1	5.0	106	104	70-130	2	25	N2
2,5-Dibromotoluene (FID)(S)	%				106	105	70-130			
2,5-Dibromotoluene (PID)(S)	%				109	107	70-130			

Pace Analytical
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: MSV/17555 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633008, 92107633009, 92107633010, 92107633011, 92107633012

METHOD BLANK: 696361 Matrix: Solid
Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633008, 92107633009, 92107633010, 92107633011, 92107633012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	4.7	12/07/11 13:37	
1,1,1-Trichloroethane	ug/kg	ND	4.7	12/07/11 13:37	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4.7	12/07/11 13:37	
1,1,2-Trichloroethane	ug/kg	ND	4.7	12/07/11 13:37	
1,1-Dichloroethane	ug/kg	ND	4.7	12/07/11 13:37	
1,1-Dichloroethene	ug/kg	ND	4.7	12/07/11 13:37	
1,1-Dichloropropene	ug/kg	ND	4.7	12/07/11 13:37	
1,2,3-Trichlorobenzene	ug/kg	ND	4.7	12/07/11 13:37	
1,2,3-Trichloropropane	ug/kg	ND	4.7	12/07/11 13:37	
1,2,4-Trichlorobenzene	ug/kg	ND	4.7	12/07/11 13:37	
1,2,4-Trimethylbenzene	ug/kg	ND	4.7	12/07/11 13:37	
1,2-Dibromo-3-chloropropane	ug/kg	ND	4.7	12/07/11 13:37	
1,2-Dibromoethane (EDB)	ug/kg	ND	4.7	12/07/11 13:37	
1,2-Dichlorobenzene	ug/kg	ND	4.7	12/07/11 13:37	
1,2-Dichloroethane	ug/kg	ND	4.7	12/07/11 13:37	
1,2-Dichloropropane	ug/kg	ND	4.7	12/07/11 13:37	
1,3,5-Trimethylbenzene	ug/kg	ND	4.7	12/07/11 13:37	
1,3-Dichlorobenzene	ug/kg	ND	4.7	12/07/11 13:37	
1,3-Dichloropropane	ug/kg	ND	4.7	12/07/11 13:37	
1,4-Dichlorobenzene	ug/kg	ND	4.7	12/07/11 13:37	
2,2-Dichloropropane	ug/kg	ND	4.7	12/07/11 13:37	
2-Butanone (MEK)	ug/kg	ND	94.3	12/07/11 13:37	
2-Chlorotoluene	ug/kg	ND	4.7	12/07/11 13:37	
2-Hexanone	ug/kg	ND	47.2	12/07/11 13:37	
4-Chlorotoluene	ug/kg	ND	4.7	12/07/11 13:37	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	47.2	12/07/11 13:37	
Acetone	ug/kg	ND	94.3	12/07/11 13:37	
Benzene	ug/kg	ND	4.7	12/07/11 13:37	
Bromobenzene	ug/kg	ND	4.7	12/07/11 13:37	
Bromochloromethane	ug/kg	ND	4.7	12/07/11 13:37	
Bromodichloromethane	ug/kg	ND	4.7	12/07/11 13:37	
Bromoform	ug/kg	ND	4.7	12/07/11 13:37	
Bromomethane	ug/kg	ND	9.4	12/07/11 13:37	
Carbon tetrachloride	ug/kg	ND	4.7	12/07/11 13:37	
Chlorobenzene	ug/kg	ND	4.7	12/07/11 13:37	
Chloroethane	ug/kg	ND	9.4	12/07/11 13:37	
Chloroform	ug/kg	ND	4.7	12/07/11 13:37	
Chloromethane	ug/kg	ND	9.4	12/07/11 13:37	
cis-1,2-Dichloroethene	ug/kg	ND	4.7	12/07/11 13:37	
cis-1,3-Dichloropropene	ug/kg	ND	4.7	12/07/11 13:37	
Dibromochloromethane	ug/kg	ND	4.7	12/07/11 13:37	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

METHOD BLANK: 696361 Matrix: Solid

Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633008, 92107633009, 92107633010, 92107633011, 92107633012

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Dibromomethane	ug/kg	ND	4.7	12/07/11 13:37	
Dichlorodifluoromethane	ug/kg	ND	9.4	12/07/11 13:37	
Diisopropyl ether	ug/kg	ND	4.7	12/07/11 13:37	
Ethylbenzene	ug/kg	ND	4.7	12/07/11 13:37	
Hexachloro-1,3-butadiene	ug/kg	ND	4.7	12/07/11 13:37	
Isopropylbenzene (Cumene)	ug/kg	ND	4.7	12/07/11 13:37	
m&p-Xylene	ug/kg	ND	9.4	12/07/11 13:37	
Methyl-tert-butyl ether	ug/kg	ND	4.7	12/07/11 13:37	
Methylene Chloride	ug/kg	ND	18.9	12/07/11 13:37	
n-Butylbenzene	ug/kg	ND	4.7	12/07/11 13:37	
n-Propylbenzene	ug/kg	ND	4.7	12/07/11 13:37	
Naphthalene	ug/kg	ND	4.7	12/07/11 13:37	
o-Xylene	ug/kg	ND	4.7	12/07/11 13:37	
p-Isopropyltoluene	ug/kg	ND	4.7	12/07/11 13:37	
sec-Butylbenzene	ug/kg	ND	4.7	12/07/11 13:37	
Styrene	ug/kg	ND	4.7	12/07/11 13:37	
tert-Butylbenzene	ug/kg	ND	4.7	12/07/11 13:37	
Tetrachloroethene	ug/kg	ND	4.7	12/07/11 13:37	
Toluene	ug/kg	ND	4.7	12/07/11 13:37	
trans-1,2-Dichloroethene	ug/kg	ND	4.7	12/07/11 13:37	
trans-1,3-Dichloropropene	ug/kg	ND	4.7	12/07/11 13:37	
Trichloroethene	ug/kg	ND	4.7	12/07/11 13:37	
Trichlorofluoromethane	ug/kg	ND	4.7	12/07/11 13:37	
Vinyl acetate	ug/kg	ND	47.2	12/07/11 13:37	
Vinyl chloride	ug/kg	ND	9.4	12/07/11 13:37	
Xylene (Total)	ug/kg	ND	9.4	12/07/11 13:37	
1,2-Dichloroethane-d4 (S)	%	98	70-132	12/07/11 13:37	
4-Bromofluorobenzene (S)	%	101	70-130	12/07/11 13:37	
Dibromofluoromethane (S)	%	101	70-130	12/07/11 13:37	
Toluene-d8 (S)	%	98	70-130	12/07/11 13:37	

LABORATORY CONTROL SAMPLE: 696362

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	48.8	49.7	102	70-131	
1,1,1-Trichloroethane	ug/kg	48.8	46.0	94	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	48.8	51.4	105	70-130	
1,1,2-Trichloroethane	ug/kg	48.8	51.7	106	70-132	
1,1-Dichloroethane	ug/kg	48.8	47.5	97	70-143	
1,1-Dichloroethene	ug/kg	48.8	45.5	93	70-137	
1,1-Dichloropropene	ug/kg	48.8	44.9	92	70-135	
1,2,3-Trichlorobenzene	ug/kg	48.8	54.5	112	69-153	
1,2,3-Trichloropropane	ug/kg	48.8	48.8	100	70-130	
1,2,4-Trichlorobenzene	ug/kg	48.8	52.1	107	55-171	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 696362

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trimethylbenzene	ug/kg	48.8	51.1	105	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	48.8	56.8	116	68-141	
1,2-Dibromoethane (EDB)	ug/kg	48.8	51.9	106	70-130	
1,2-Dichlorobenzene	ug/kg	48.8	52.6	108	70-140	
1,2-Dichloroethane	ug/kg	48.8	48.4	99	70-137	
1,2-Dichloropropane	ug/kg	48.8	48.9	100	70-133	
1,3,5-Trimethylbenzene	ug/kg	48.8	51.8	106	70-143	
1,3-Dichlorobenzene	ug/kg	48.8	51.5	105	70-144	
1,3-Dichloropropane	ug/kg	48.8	50.5	103	70-132	
1,4-Dichlorobenzene	ug/kg	48.8	51.9	106	70-142	
2,2-Dichloropropane	ug/kg	48.8	47.5	97	68-152	
2-Butanone (MEK)	ug/kg	97.7	66.6J	68	70-149	L0
2-Chlorotoluene	ug/kg	48.8	51.7	106	70-141	
2-Hexanone	ug/kg	97.7	109	112	70-149	
4-Chlorotoluene	ug/kg	48.8	54.2	111	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	97.7	109	112	70-153	
Acetone	ug/kg	97.7	93.5J	96	70-157	
Benzene	ug/kg	48.8	46.1	94	70-130	
Bromobenzene	ug/kg	48.8	52.3	107	70-141	
Bromochloromethane	ug/kg	48.8	52.1	107	70-149	
Bromodichloromethane	ug/kg	48.8	50.0	102	70-130	
Bromoform	ug/kg	48.8	52.1	107	70-131	
Bromomethane	ug/kg	48.8	51.8	106	64-136	
Carbon tetrachloride	ug/kg	48.8	48.1	98	70-154	
Chlorobenzene	ug/kg	48.8	49.5	101	70-135	
Chloroethane	ug/kg	48.8	58.6	120	68-151	
Chloroform	ug/kg	48.8	49.8	102	70-130	
Chloromethane	ug/kg	48.8	52.9	108	70-132	
cis-1,2-Dichloroethene	ug/kg	48.8	47.3	97	70-140	
cis-1,3-Dichloropropene	ug/kg	48.8	50.1	103	70-137	
Dibromochloromethane	ug/kg	48.8	49.3	101	70-130	
Dibromomethane	ug/kg	48.8	50.1	103	70-136	
Dichlorodifluoromethane	ug/kg	48.8	46.5	95	36-148	
Diisopropyl ether	ug/kg	48.8	47.9	98	70-139	
Ethylbenzene	ug/kg	48.8	49.1	101	70-137	
Hexachloro-1,3-butadiene	ug/kg	48.8	48.9	100	70-145	
Isopropylbenzene (Cumene)	ug/kg	48.8	50.4	103	70-141	
m&p-Xylene	ug/kg	97.7	95.6	98	70-140	
Methyl-tert-butyl ether	ug/kg	48.8	50.7	104	45-150	
Methylene Chloride	ug/kg	48.8	46.9	96	70-133	
n-Butylbenzene	ug/kg	48.8	50.2	103	65-155	
n-Propylbenzene	ug/kg	48.8	52.2	107	70-148	
Naphthalene	ug/kg	48.8	60.4	124	70-148	
o-Xylene	ug/kg	48.8	49.3	101	70-141	
p-Isopropyltoluene	ug/kg	48.8	52.9	108	70-148	
sec-Butylbenzene	ug/kg	48.8	50.6	104	70-145	
Styrene	ug/kg	48.8	49.3	101	70-138	
tert-Butylbenzene	ug/kg	48.8	51.4	105	70-143	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 696362

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Tetrachloroethene	ug/kg	48.8	43.7	89	70-140	
Toluene	ug/kg	48.8	47.1	96	70-130	
trans-1,2-Dichloroethene	ug/kg	48.8	44.1	90	70-136	
trans-1,3-Dichloropropene	ug/kg	48.8	53.0	109	70-138	
Trichloroethene	ug/kg	48.8	44.3	91	70-132	
Trichlorofluoromethane	ug/kg	48.8	51.3	105	69-134	
Vinyl acetate	ug/kg	97.7	71.9	74	24-161	
Vinyl chloride	ug/kg	48.8	57.0	117	55-140	
Xylene (Total)	ug/kg	146	145	99	70-141	
1,2-Dichloroethane-d4 (S)	%			101	70-132	
4-Bromofluorobenzene (S)	%			94	70-130	
Dibromofluoromethane (S)	%			102	70-130	
Toluene-d8 (S)	%			101	70-130	

MATRIX SPIKE SAMPLE: 696860

Parameter	Units	92107633012 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
1,1-Dichloroethene	ug/kg	ND	43.8	46.6	106	49-180	
Benzene	ug/kg	ND	43.8	46.4	102	50-166	
Chlorobenzene	ug/kg	ND	43.8	43.3	99	43-169	
Toluene	ug/kg	4.8	43.8	54.5	113	52-163	
Trichloroethene	ug/kg	ND	43.8	40.4	92	49-167	
1,2-Dichloroethane-d4 (S)	%				105	70-132	
4-Bromofluorobenzene (S)	%				102	70-130	
Dibromofluoromethane (S)	%				108	70-130	
Toluene-d8 (S)	%				97	70-130	

SAMPLE DUPLICATE: 696859

Parameter	Units	92107633001 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		

Pace Analytical®
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

SAMPLE DUPLICATE: 696859

Parameter	Units	92107633001 Result	Dup Result	RPD	Qualifiers
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	8.3J		
2-Chlorotoluene	ug/kg	ND	ND		
2-Hexanone	ug/kg	ND	ND		
4-Chlorotoluene	ug/kg	ND	ND		
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	ND		
Acetone	ug/kg	ND	55.2J		
Benzene	ug/kg	ND	3.5J		
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	ND		
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	8.1		
trans-1,2-Dichloroethene	ug/kg	ND	ND		
trans-1,3-Dichloropropene	ug/kg	ND	ND		
Trichloroethene	ug/kg	ND	ND		

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

SAMPLE DUPLICATE: 696859

Parameter	Units	92107633001 Result	Dup Result	RPD	Qualifiers
Trichlorofluoromethane	ug/kg	ND	ND		
Vinyl acetate	ug/kg	ND	ND		
Vinyl chloride	ug/kg	ND	ND		
Xylene (Total)	ug/kg	ND	5.4J		
1,2-Dichloroethane-d4 (S)	%	100	105	6	
4-Bromofluorobenzene (S)	%	106	86	19	
Dibromofluoromethane (S)	%	100	106	7	
Toluene-d8 (S)	%	102	100	1	

Pace Analytical
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: MSV/17574 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92107633015, 92107633016, 92107633017, 92107633018, 92107633020, 92107633021, 92107633022

METHOD BLANK: 697617 Matrix: Solid
Associated Lab Samples: 92107633015, 92107633016, 92107633017, 92107633018, 92107633020, 92107633021, 92107633022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	5.0	12/09/11 16:42	
1,1,1-Trichloroethane	ug/kg	ND	5.0	12/09/11 16:42	
1,1,2,2-Tetrachloroethane	ug/kg	ND	5.0	12/09/11 16:42	
1,1,2-Trichloroethane	ug/kg	ND	5.0	12/09/11 16:42	
1,1-Dichloroethane	ug/kg	ND	5.0	12/09/11 16:42	
1,1-Dichloroethene	ug/kg	ND	5.0	12/09/11 16:42	
1,1-Dichloropropene	ug/kg	ND	5.0	12/09/11 16:42	
1,2,3-Trichlorobenzene	ug/kg	ND	5.0	12/09/11 16:42	
1,2,3-Trichloropropane	ug/kg	ND	5.0	12/09/11 16:42	
1,2,4-Trichlorobenzene	ug/kg	ND	5.0	12/09/11 16:42	
1,2,4-Trimethylbenzene	ug/kg	ND	5.0	12/09/11 16:42	
1,2-Dibromo-3-chloropropane	ug/kg	ND	5.0	12/09/11 16:42	
1,2-Dibromoethane (EDB)	ug/kg	ND	5.0	12/09/11 16:42	
1,2-Dichlorobenzene	ug/kg	ND	5.0	12/09/11 16:42	
1,2-Dichloroethane	ug/kg	ND	5.0	12/09/11 16:42	
1,2-Dichloropropane	ug/kg	ND	5.0	12/09/11 16:42	
1,3,5-Trimethylbenzene	ug/kg	ND	5.0	12/09/11 16:42	
1,3-Dichlorobenzene	ug/kg	ND	5.0	12/09/11 16:42	
1,3-Dichloropropane	ug/kg	ND	5.0	12/09/11 16:42	
1,4-Dichlorobenzene	ug/kg	ND	5.0	12/09/11 16:42	
2,2-Dichloropropane	ug/kg	ND	5.0	12/09/11 16:42	
2-Butanone (MEK)	ug/kg	ND	99.0	12/09/11 16:42	
2-Chlorotoluene	ug/kg	ND	5.0	12/09/11 16:42	
2-Hexanone	ug/kg	ND	49.5	12/09/11 16:42	
4-Chlorotoluene	ug/kg	ND	5.0	12/09/11 16:42	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	49.5	12/09/11 16:42	
Acetone	ug/kg	ND	99.0	12/09/11 16:42	
Benzene	ug/kg	ND	5.0	12/09/11 16:42	
Bromobenzene	ug/kg	ND	5.0	12/09/11 16:42	
Bromochloromethane	ug/kg	ND	5.0	12/09/11 16:42	
Bromodichloromethane	ug/kg	ND	5.0	12/09/11 16:42	
Bromoform	ug/kg	ND	5.0	12/09/11 16:42	
Bromomethane	ug/kg	ND	9.9	12/09/11 16:42	
Carbon tetrachloride	ug/kg	ND	5.0	12/09/11 16:42	
Chlorobenzene	ug/kg	ND	5.0	12/09/11 16:42	
Chloroethane	ug/kg	ND	9.9	12/09/11 16:42	
Chloroform	ug/kg	ND	5.0	12/09/11 16:42	
Chloromethane	ug/kg	ND	9.9	12/09/11 16:42	
cis-1,2-Dichloroethene	ug/kg	ND	5.0	12/09/11 16:42	
cis-1,3-Dichloropropene	ug/kg	ND	5.0	12/09/11 16:42	
Dibromochloromethane	ug/kg	ND	5.0	12/09/11 16:42	
Dibromomethane	ug/kg	ND	5.0	12/09/11 16:42	
Dichlorodifluoromethane	ug/kg	ND	9.9	12/09/11 16:42	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

METHOD BLANK: 697617 Matrix: Solid

Associated Lab Samples: 92107633015, 92107633016, 92107633017, 92107633018, 92107633020, 92107633021, 92107633022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	5.0	12/09/11 16:42	
Ethylbenzene	ug/kg	ND	5.0	12/09/11 16:42	
Hexachloro-1,3-butadiene	ug/kg	ND	5.0	12/09/11 16:42	
Isopropylbenzene (Cumene)	ug/kg	ND	5.0	12/09/11 16:42	
m&p-Xylene	ug/kg	ND	9.9	12/09/11 16:42	
Methyl-tert-butyl ether	ug/kg	ND	5.0	12/09/11 16:42	
Methylene Chloride	ug/kg	ND	19.8	12/09/11 16:42	
n-Butylbenzene	ug/kg	ND	5.0	12/09/11 16:42	
n-Propylbenzene	ug/kg	ND	5.0	12/09/11 16:42	
Naphthalene	ug/kg	5.6	5.0	12/09/11 16:42	B-
o-Xylene	ug/kg	ND	5.0	12/09/11 16:42	
p-Isopropyltoluene	ug/kg	ND	5.0	12/09/11 16:42	
sec-Butylbenzene	ug/kg	ND	5.0	12/09/11 16:42	
Styrene	ug/kg	ND	5.0	12/09/11 16:42	
tert-Butylbenzene	ug/kg	ND	5.0	12/09/11 16:42	
Tetrachloroethene	ug/kg	ND	5.0	12/09/11 16:42	
Toluene	ug/kg	ND	5.0	12/09/11 16:42	
trans-1,2-Dichloroethene	ug/kg	ND	5.0	12/09/11 16:42	
trans-1,3-Dichloropropene	ug/kg	ND	5.0	12/09/11 16:42	
Trichloroethene	ug/kg	ND	5.0	12/09/11 16:42	
Trichlorofluoromethane	ug/kg	ND	5.0	12/09/11 16:42	
Vinyl acetate	ug/kg	ND	49.5	12/09/11 16:42	
Vinyl chloride	ug/kg	ND	9.9	12/09/11 16:42	
Xylene (Total)	ug/kg	ND	9.9	12/09/11 16:42	
1,2-Dichloroethane-d4 (S)	%	103	70-132	12/09/11 16:42	
4-Bromofluorobenzene (S)	%	104	70-130	12/09/11 16:42	
Dibromofluoromethane (S)	%	101	70-130	12/09/11 16:42	
Toluene-d8 (S)	%	99	70-130	12/09/11 16:42	

LABORATORY CONTROL SAMPLE: 697618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	46	47.7	104	70-131	
1,1,1-Trichloroethane	ug/kg	46	42.7	93	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	46	41.6	90	70-130	
1,1,2-Trichloroethane	ug/kg	46	45.8	100	70-132	
1,1-Dichloroethane	ug/kg	46	41.1	89	70-143	
1,1-Dichloroethene	ug/kg	46	42.7	93	70-137	
1,1-Dichloropropene	ug/kg	46	43.2	94	70-135	
1,2,3-Trichlorobenzene	ug/kg	46	48.3	105	69-153	
1,2,3-Trichloropropane	ug/kg	46	40.9	89	70-130	
1,2,4-Trichlorobenzene	ug/kg	46	44.1	96	55-171	
1,2,4-Trimethylbenzene	ug/kg	46	45.2	98	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	46	49.0	106	68-141	
1,2-Dibromoethane (EDB)	ug/kg	46	49.1	107	70-130	

Pace Analytical
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 697618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	46	42.7	93	70-140	
1,2-Dichloroethane	ug/kg	46	46.4	101	70-137	
1,2-Dichloropropane	ug/kg	46	44.7	97	70-133	
1,3,5-Trimethylbenzene	ug/kg	46	45.9	100	70-143	
1,3-Dichlorobenzene	ug/kg	46	46.5	101	70-144	
1,3-Dichloropropane	ug/kg	46	47.0	102	70-132	
1,4-Dichlorobenzene	ug/kg	46	41.4	90	70-142	
2,2-Dichloropropane	ug/kg	46	43.0	93	68-152	
2-Butanone (MEK)	ug/kg	92.1	88.8J	96	70-149	
2-Chlorotoluene	ug/kg	46	44.9	97	70-141	
2-Hexanone	ug/kg	92.1	89.8	97	70-149	
4-Chlorotoluene	ug/kg	46	44.1	96	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	92.1	91.1	99	70-153	
Acetone	ug/kg	92.1	88J	96	70-157	
Benzene	ug/kg	46	44.5	97	70-130	
Bromobenzene	ug/kg	46	45.1	98	70-141	
Bromochloromethane	ug/kg	46	51.1	111	70-149	
Bromodichloromethane	ug/kg	46	46.3	101	70-130	
Bromoform	ug/kg	46	50.3	109	70-131	
Bromomethane	ug/kg	46	58.6	127	64-136	
Carbon tetrachloride	ug/kg	46	42.6	93	70-154	
Chlorobenzene	ug/kg	46	48.0	104	70-135	
Chloroethane	ug/kg	46	44.0	96	68-151	
Chloroform	ug/kg	46	48.6	106	70-130	
Chloromethane	ug/kg	46	50.1	109	70-132	
cis-1,2-Dichloroethene	ug/kg	46	41.7	91	70-140	
cis-1,3-Dichloropropene	ug/kg	46	45.3	98	70-137	
Dibromochloromethane	ug/kg	46	48.2	105	70-130	
Dibromomethane	ug/kg	46	45.6	99	70-136	
Dichlorodifluoromethane	ug/kg	46	41.2	90	36-148	
Diisopropyl ether	ug/kg	46	42.6	92	70-139	
Ethylbenzene	ug/kg	46	43.4	94	70-137	
Hexachloro-1,3-butadiene	ug/kg	46	43.4	94	70-145	
Isopropylbenzene (Cumene)	ug/kg	46	43.9	95	70-141	
m&p-Xylene	ug/kg	92.1	93.9	102	70-140	
Methyl-tert-butyl ether	ug/kg	46	43.1	94	45-150	
Methylene Chloride	ug/kg	46	43.2	94	70-133	
n-Butylbenzene	ug/kg	46	45.3	98	65-155	
n-Propylbenzene	ug/kg	46	45.1	98	70-148	
Naphthalene	ug/kg	46	47.4	103	70-148	
o-Xylene	ug/kg	46	45.2	98	70-141	
p-Isopropyltoluene	ug/kg	46	47.1	102	70-148	
sec-Butylbenzene	ug/kg	46	43.0	93	70-145	
Styrene	ug/kg	46	44.5	97	70-138	
tert-Butylbenzene	ug/kg	46	43.5	95	70-143	
Tetrachloroethene	ug/kg	46	44.3	96	70-140	
Toluene	ug/kg	46	43.5	95	70-130	
trans-1,2-Dichloroethene	ug/kg	46	41.5	90	70-136	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 697618

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	46	45.2	98	70-138	
Trichloroethene	ug/kg	46	45.0	98	70-132	
Trichlorofluoromethane	ug/kg	46	44.7	97	69-134	
Vinyl acetate	ug/kg	92.1	69.5	75	24-161	
Vinyl chloride	ug/kg	46	38.1	83	55-140	
Xylene (Total)	ug/kg	138	139	101	70-141	
1,2-Dichloroethane-d4 (S)	%			99	70-132	
4-Bromofluorobenzene (S)	%			104	70-130	
Dibromofluoromethane (S)	%			98	70-130	
Toluene-d8 (S)	%			100	70-130	

Pace Analytical
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: MSV/17603 Analysis Method: EPA 8260
QC Batch Method: EPA 8260 Analysis Description: 8260 MSV 5035A Volatile Organics
Associated Lab Samples: 92107633013, 92107633014, 92107633019

METHOD BLANK: 698296 Matrix: Solid
Associated Lab Samples: 92107633013, 92107633014, 92107633019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	ND	4.5	12/10/11 14:36	
1,1,1-Trichloroethane	ug/kg	ND	4.5	12/10/11 14:36	
1,1,2,2-Tetrachloroethane	ug/kg	ND	4.5	12/10/11 14:36	
1,1,2-Trichloroethane	ug/kg	ND	4.5	12/10/11 14:36	
1,1-Dichloroethane	ug/kg	ND	4.5	12/10/11 14:36	
1,1-Dichloroethene	ug/kg	ND	4.5	12/10/11 14:36	
1,1-Dichloropropene	ug/kg	ND	4.5	12/10/11 14:36	
1,2,3-Trichlorobenzene	ug/kg	ND	4.5	12/10/11 14:36	
1,2,3-Trichloropropane	ug/kg	ND	4.5	12/10/11 14:36	
1,2,4-Trichlorobenzene	ug/kg	ND	4.5	12/10/11 14:36	
1,2,4-Trimethylbenzene	ug/kg	ND	4.5	12/10/11 14:36	
1,2-Dibromo-3-chloropropane	ug/kg	ND	4.5	12/10/11 14:36	
1,2-Dibromoethane (EDB)	ug/kg	ND	4.5	12/10/11 14:36	
1,2-Dichlorobenzene	ug/kg	ND	4.5	12/10/11 14:36	
1,2-Dichloroethane	ug/kg	ND	4.5	12/10/11 14:36	
1,2-Dichloropropane	ug/kg	ND	4.5	12/10/11 14:36	
1,3,5-Trimethylbenzene	ug/kg	ND	4.5	12/10/11 14:36	
1,3-Dichlorobenzene	ug/kg	ND	4.5	12/10/11 14:36	
1,3-Dichloropropane	ug/kg	ND	4.5	12/10/11 14:36	
1,4-Dichlorobenzene	ug/kg	ND	4.5	12/10/11 14:36	
2,2-Dichloropropane	ug/kg	ND	4.5	12/10/11 14:36	
2-Butanone (MEK)	ug/kg	ND	90.7	12/10/11 14:36	
2-Chlorotoluene	ug/kg	ND	4.5	12/10/11 14:36	
2-Hexanone	ug/kg	ND	45.4	12/10/11 14:36	
4-Chlorotoluene	ug/kg	ND	4.5	12/10/11 14:36	
4-Methyl-2-pentanone (MIBK)	ug/kg	ND	45.4	12/10/11 14:36	
Acetone	ug/kg	ND	90.7	12/10/11 14:36	
Benzene	ug/kg	ND	4.5	12/10/11 14:36	
Bromobenzene	ug/kg	ND	4.5	12/10/11 14:36	
Bromochloromethane	ug/kg	ND	4.5	12/10/11 14:36	
Bromodichloromethane	ug/kg	ND	4.5	12/10/11 14:36	
Bromoform	ug/kg	ND	4.5	12/10/11 14:36	
Bromomethane	ug/kg	ND	9.1	12/10/11 14:36	
Carbon tetrachloride	ug/kg	ND	4.5	12/10/11 14:36	
Chlorobenzene	ug/kg	ND	4.5	12/10/11 14:36	
Chloroethane	ug/kg	ND	9.1	12/10/11 14:36	
Chloroform	ug/kg	ND	4.5	12/10/11 14:36	
Chloromethane	ug/kg	ND	9.1	12/10/11 14:36	
cis-1,2-Dichloroethene	ug/kg	ND	4.5	12/10/11 14:36	
cis-1,3-Dichloropropene	ug/kg	ND	4.5	12/10/11 14:36	
Dibromochloromethane	ug/kg	ND	4.5	12/10/11 14:36	
Dibromomethane	ug/kg	ND	4.5	12/10/11 14:36	
Dichlorodifluoromethane	ug/kg	ND	9.1	12/10/11 14:36	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

METHOD BLANK: 698296 Matrix: Solid

Associated Lab Samples: 92107633013, 92107633014, 92107633019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diisopropyl ether	ug/kg	ND	4.5	12/10/11 14:36	
Ethylbenzene	ug/kg	ND	4.5	12/10/11 14:36	
Hexachloro-1,3-butadiene	ug/kg	ND	4.5	12/10/11 14:36	
Isopropylbenzene (Cumene)	ug/kg	ND	4.5	12/10/11 14:36	
m&p-Xylene	ug/kg	ND	9.1	12/10/11 14:36	
Methyl-tert-butyl ether	ug/kg	ND	4.5	12/10/11 14:36	
Methylene Chloride	ug/kg	ND	18.1	12/10/11 14:36	
n-Butylbenzene	ug/kg	ND	4.5	12/10/11 14:36	
n-Propylbenzene	ug/kg	ND	4.5	12/10/11 14:36	
Naphthalene	ug/kg	ND	4.5	12/10/11 14:36	
o-Xylene	ug/kg	ND	4.5	12/10/11 14:36	
p-Isopropyltoluene	ug/kg	ND	4.5	12/10/11 14:36	
sec-Butylbenzene	ug/kg	ND	4.5	12/10/11 14:36	
Styrene	ug/kg	ND	4.5	12/10/11 14:36	
tert-Butylbenzene	ug/kg	ND	4.5	12/10/11 14:36	
Tetrachloroethene	ug/kg	ND	4.5	12/10/11 14:36	
Toluene	ug/kg	ND	4.5	12/10/11 14:36	
trans-1,2-Dichloroethene	ug/kg	ND	4.5	12/10/11 14:36	
trans-1,3-Dichloropropene	ug/kg	ND	4.5	12/10/11 14:36	
Trichloroethene	ug/kg	ND	4.5	12/10/11 14:36	
Trichlorofluoromethane	ug/kg	ND	4.5	12/10/11 14:36	
Vinyl acetate	ug/kg	ND	45.4	12/10/11 14:36	
Vinyl chloride	ug/kg	ND	9.1	12/10/11 14:36	
Xylene (Total)	ug/kg	ND	9.1	12/10/11 14:36	
1,2-Dichloroethane-d4 (S)	%	104	70-132	12/10/11 14:36	
4-Bromofluorobenzene (S)	%	100	70-130	12/10/11 14:36	
Dibromofluoromethane (S)	%	104	70-130	12/10/11 14:36	
Toluene-d8 (S)	%	100	70-130	12/10/11 14:36	

LABORATORY CONTROL SAMPLE: 698297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,1,1,2-Tetrachloroethane	ug/kg	55.7	65.9	118	70-131	
1,1,1-Trichloroethane	ug/kg	55.7	56.7	102	70-141	
1,1,2,2-Tetrachloroethane	ug/kg	55.7	66.1	119	70-130	
1,1,2-Trichloroethane	ug/kg	55.7	62.5	112	70-132	
1,1-Dichloroethane	ug/kg	55.7	52.4	94	70-143	
1,1-Dichloroethene	ug/kg	55.7	53.7	96	70-137	
1,1-Dichloropropene	ug/kg	55.7	57.9	104	70-135	
1,2,3-Trichlorobenzene	ug/kg	55.7	67.6	121	69-153	
1,2,3-Trichloropropane	ug/kg	55.7	62.2	112	70-130	
1,2,4-Trichlorobenzene	ug/kg	55.7	71.8	129	55-171	
1,2,4-Trimethylbenzene	ug/kg	55.7	62.3	112	70-149	
1,2-Dibromo-3-chloropropane	ug/kg	55.7	70.0	126	68-141	
1,2-Dibromoethane (EDB)	ug/kg	55.7	68.4	123	70-130	

Pace Analytical
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 698297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2-Dichlorobenzene	ug/kg	55.7	66.4	119	70-140	
1,2-Dichloroethane	ug/kg	55.7	60.0	108	70-137	
1,2-Dichloropropane	ug/kg	55.7	58.8	106	70-133	
1,3,5-Trimethylbenzene	ug/kg	55.7	62.7	113	70-143	
1,3-Dichlorobenzene	ug/kg	55.7	69.0	124	70-144	
1,3-Dichloropropane	ug/kg	55.7	62.5	112	70-132	
1,4-Dichlorobenzene	ug/kg	55.7	62.7	113	70-142	
2,2-Dichloropropane	ug/kg	55.7	54.2	97	68-152	
2-Butanone (MEK)	ug/kg	111	126	113	70-149	
2-Chlorotoluene	ug/kg	55.7	67.6	121	70-141	
2-Hexanone	ug/kg	111	139	125	70-149	
4-Chlorotoluene	ug/kg	55.7	69.1	124	70-149	
4-Methyl-2-pentanone (MIBK)	ug/kg	111	129	116	70-153	
Acetone	ug/kg	111	121	109	70-157	
Benzene	ug/kg	55.7	57.3	103	70-130	
Bromobenzene	ug/kg	55.7	65.9	118	70-141	
Bromochloromethane	ug/kg	55.7	58.7	105	70-149	
Bromodichloromethane	ug/kg	55.7	61.1	110	70-130	
Bromoform	ug/kg	55.7	72.1	130	70-131	
Bromomethane	ug/kg	55.7	68.4	123	64-136	
Carbon tetrachloride	ug/kg	55.7	57.9	104	70-154	
Chlorobenzene	ug/kg	55.7	64.9	117	70-135	
Chloroethane	ug/kg	55.7	54.4	98	68-151	
Chloroform	ug/kg	55.7	61.1	110	70-130	
Chloromethane	ug/kg	55.7	62.6	112	70-132	
cis-1,2-Dichloroethene	ug/kg	55.7	54.1	97	70-140	
cis-1,3-Dichloropropene	ug/kg	55.7	58.8	106	70-137	
Dibromochloromethane	ug/kg	55.7	67.1	121	70-130	
Dibromomethane	ug/kg	55.7	59.0	106	70-136	
Dichlorodifluoromethane	ug/kg	55.7	49.4	89	36-148	
Diisopropyl ether	ug/kg	55.7	53.9	97	70-139	
Ethylbenzene	ug/kg	55.7	60.0	108	70-137	
Hexachloro-1,3-butadiene	ug/kg	55.7	75.4	135	70-145	F3
Isopropylbenzene (Cumene)	ug/kg	55.7	60.6	109	70-141	
m&p-Xylene	ug/kg	111	124	111	70-140	
Methyl-tert-butyl ether	ug/kg	55.7	52.6	94	45-150	
Methylene Chloride	ug/kg	55.7	59.1	106	70-133	
n-Butylbenzene	ug/kg	55.7	54.1	97	65-155	
n-Propylbenzene	ug/kg	55.7	62.4	112	70-148	
Naphthalene	ug/kg	55.7	66.6	120	70-148	
o-Xylene	ug/kg	55.7	63.8	115	70-141	
p-Isopropyltoluene	ug/kg	55.7	69.6	125	70-148	
sec-Butylbenzene	ug/kg	55.7	65.7	118	70-145	
Styrene	ug/kg	55.7	64.0	115	70-138	
tert-Butylbenzene	ug/kg	55.7	59.9	108	70-143	
Tetrachloroethene	ug/kg	55.7	58.1	104	70-140	
Toluene	ug/kg	55.7	56.9	102	70-130	
trans-1,2-Dichloroethene	ug/kg	55.7	52.7	95	70-136	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 698297

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
trans-1,3-Dichloropropene	ug/kg	55.7	61.4	110	70-138	
Trichloroethene	ug/kg	55.7	59.2	106	70-132	
Trichlorofluoromethane	ug/kg	55.7	65.0	117	69-134	
Vinyl acetate	ug/kg	111	84.3	76	24-161	
Vinyl chloride	ug/kg	55.7	61.3	110	55-140	
Xylene (Total)	ug/kg	167	187	112	70-141	
1,2-Dichloroethane-d4 (S)	%			100	70-132	
4-Bromofluorobenzene (S)	%			101	70-130	
Dibromofluoromethane (S)	%			105	70-130	
Toluene-d8 (S)	%			99	70-130	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: OEXT/15763 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633009, 92107633010, 92107633011, 92107633012, 92107633013

METHOD BLANK: 695365 Matrix: Solid
Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633009, 92107633010, 92107633011, 92107633012, 92107633013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	332	12/06/11 11:49	
1,2-Dichlorobenzene	ug/kg	ND	332	12/06/11 11:49	
1,3-Dichlorobenzene	ug/kg	ND	332	12/06/11 11:49	
1,4-Dichlorobenzene	ug/kg	ND	332	12/06/11 11:49	
1-Methylnaphthalene	ug/kg	ND	332	12/06/11 11:49	
2,4,5-Trichlorophenol	ug/kg	ND	332	12/06/11 11:49	
2,4,6-Trichlorophenol	ug/kg	ND	332	12/06/11 11:49	
2,4-Dichlorophenol	ug/kg	ND	332	12/06/11 11:49	
2,4-Dimethylphenol	ug/kg	ND	332	12/06/11 11:49	
2,4-Dinitrophenol	ug/kg	ND	1660	12/06/11 11:49	
2,4-Dinitrotoluene	ug/kg	ND	332	12/06/11 11:49	
2,6-Dinitrotoluene	ug/kg	ND	332	12/06/11 11:49	
2-Chloronaphthalene	ug/kg	ND	332	12/06/11 11:49	
2-Chlorophenol	ug/kg	ND	332	12/06/11 11:49	
2-Methylnaphthalene	ug/kg	ND	332	12/06/11 11:49	
2-Methylphenol(o-Cresol)	ug/kg	ND	332	12/06/11 11:49	
2-Nitroaniline	ug/kg	ND	1660	12/06/11 11:49	
2-Nitrophenol	ug/kg	ND	332	12/06/11 11:49	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	332	12/06/11 11:49	
3,3'-Dichlorobenzidine	ug/kg	ND	1660	12/06/11 11:49	
3-Nitroaniline	ug/kg	ND	1660	12/06/11 11:49	
4,6-Dinitro-2-methylphenol	ug/kg	ND	664	12/06/11 11:49	
4-Bromophenylphenyl ether	ug/kg	ND	332	12/06/11 11:49	
4-Chloro-3-methylphenol	ug/kg	ND	664	12/06/11 11:49	
4-Chloroaniline	ug/kg	ND	1660	12/06/11 11:49	
4-Chlorophenylphenyl ether	ug/kg	ND	332	12/06/11 11:49	
4-Nitroaniline	ug/kg	ND	664	12/06/11 11:49	
4-Nitrophenol	ug/kg	ND	1660	12/06/11 11:49	
Acenaphthene	ug/kg	ND	332	12/06/11 11:49	
Acenaphthylene	ug/kg	ND	332	12/06/11 11:49	
Aniline	ug/kg	ND	332	12/06/11 11:49	
Anthracene	ug/kg	ND	332	12/06/11 11:49	
Benzo(a)anthracene	ug/kg	ND	332	12/06/11 11:49	
Benzo(a)pyrene	ug/kg	ND	332	12/06/11 11:49	
Benzo(b)fluoranthene	ug/kg	ND	332	12/06/11 11:49	
Benzo(g,h,i)perylene	ug/kg	ND	332	12/06/11 11:49	
Benzo(k)fluoranthene	ug/kg	ND	332	12/06/11 11:49	
Benzoic Acid	ug/kg	ND	1660	12/06/11 11:49	
Benzyl alcohol	ug/kg	ND	664	12/06/11 11:49	
bis(2-Chloroethoxy)methane	ug/kg	ND	332	12/06/11 11:49	
bis(2-Chloroethyl) ether	ug/kg	ND	332	12/06/11 11:49	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

METHOD BLANK: 695365 Matrix: Solid

Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633009, 92107633010, 92107633011, 92107633012, 92107633013

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroisopropyl) ether	ug/kg	ND	332	12/06/11 11:49	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	332	12/06/11 11:49	
Butylbenzylphthalate	ug/kg	ND	332	12/06/11 11:49	
Chrysene	ug/kg	ND	332	12/06/11 11:49	
Di-n-butylphthalate	ug/kg	ND	332	12/06/11 11:49	
Di-n-octylphthalate	ug/kg	ND	332	12/06/11 11:49	
Dibenz(a,h)anthracene	ug/kg	ND	332	12/06/11 11:49	
Dibenzofuran	ug/kg	ND	332	12/06/11 11:49	
Diethylphthalate	ug/kg	ND	332	12/06/11 11:49	
Dimethylphthalate	ug/kg	ND	332	12/06/11 11:49	
Fluoranthene	ug/kg	ND	332	12/06/11 11:49	
Fluorene	ug/kg	ND	332	12/06/11 11:49	
Hexachloro-1,3-butadiene	ug/kg	ND	332	12/06/11 11:49	
Hexachlorobenzene	ug/kg	ND	332	12/06/11 11:49	
Hexachlorocyclopentadiene	ug/kg	ND	332	12/06/11 11:49	
Hexachloroethane	ug/kg	ND	332	12/06/11 11:49	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	332	12/06/11 11:49	
Isophorone	ug/kg	ND	332	12/06/11 11:49	
N-Nitroso-di-n-propylamine	ug/kg	ND	332	12/06/11 11:49	
N-Nitrosodimethylamine	ug/kg	ND	332	12/06/11 11:49	
N-Nitrosodiphenylamine	ug/kg	ND	332	12/06/11 11:49	
Naphthalene	ug/kg	ND	332	12/06/11 11:49	
Nitrobenzene	ug/kg	ND	332	12/06/11 11:49	
Pentachlorophenol	ug/kg	ND	1660	12/06/11 11:49	
Phenanthrene	ug/kg	ND	332	12/06/11 11:49	
Phenol	ug/kg	ND	332	12/06/11 11:49	
Pyrene	ug/kg	ND	332	12/06/11 11:49	
2,4,6-Tribromophenol (S)	%	69	27-110	12/06/11 11:49	
2-Fluorobiphenyl (S)	%	68	30-110	12/06/11 11:49	
2-Fluorophenol (S)	%	66	13-110	12/06/11 11:49	
Nitrobenzene-d5 (S)	%	66	23-110	12/06/11 11:49	
Phenol-d6 (S)	%	66	22-110	12/06/11 11:49	
Terphenyl-d14 (S)	%	76	28-110	12/06/11 11:49	

LABORATORY CONTROL SAMPLE: 695366

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1210	73	39-101	
1,2-Dichlorobenzene	ug/kg	1670	1140	68	36-110	
1,3-Dichlorobenzene	ug/kg	1670	1130	68	35-110	
1,4-Dichlorobenzene	ug/kg	1670	1120	67	35-110	
1-Methylnaphthalene	ug/kg	1670	1090	66	45-105	
2,4,5-Trichlorophenol	ug/kg	1670	1100	66	48-109	
2,4,6-Trichlorophenol	ug/kg	1670	1260	75	45-111	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 695366

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dichlorophenol	ug/kg	1670	1180	71	51-116	
2,4-Dimethylphenol	ug/kg	1670	1140	68	42-103	
2,4-Dinitrophenol	ug/kg	8330	4870	58	28-103	
2,4-Dinitrotoluene	ug/kg	1670	1210	72	46-114	
2,6-Dinitrotoluene	ug/kg	1670	1120	67	48-112	
2-Chloronaphthalene	ug/kg	1670	1160	70	44-105	
2-Chlorophenol	ug/kg	1670	1070	64	36-110	
2-Methylnaphthalene	ug/kg	1670	1090	65	39-112	
2-Methylphenol(o-Cresol)	ug/kg	1670	948	57	39-101	
2-Nitroaniline	ug/kg	3330	2080	62	44-111	
2-Nitrophenol	ug/kg	1670	1090	65	41-100	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	984	59	43-103	
3,3'-Dichlorobenzidine	ug/kg	3330	1940	58	10-150	
3-Nitroaniline	ug/kg	3330	2170	65	35-110	
4,6-Dinitro-2-methylphenol	ug/kg	3330	2310	69	38-118	
4-Bromophenylphenyl ether	ug/kg	1670	1260	76	47-115	
4-Chloro-3-methylphenol	ug/kg	3330	2230	67	43-127	
4-Chloroaniline	ug/kg	3330	2210	66	34-109	
4-Chlorophenylphenyl ether	ug/kg	1670	1190	72	44-115	
4-Nitroaniline	ug/kg	3330	2290	69	37-111	
4-Nitrophenol	ug/kg	8330	5820	70	21-152	
Acenaphthene	ug/kg	1670	1070	64	38-117	
Acenaphthylene	ug/kg	1670	1140	69	46-107	
Aniline	ug/kg	1670	1010	60	29-110	
Anthracene	ug/kg	1670	1130	68	50-110	
Benzo(a)anthracene	ug/kg	1670	1170	70	47-116	
Benzo(a)pyrene	ug/kg	1670	1120	67	47-106	
Benzo(b)fluoranthene	ug/kg	1670	1150	69	47-109	
Benzo(g,h,i)perylene	ug/kg	1670	1140	68	39-115	
Benzo(k)fluoranthene	ug/kg	1670	1210	73	45-117	
Benzoic Acid	ug/kg	8330	3080	37	16-110	
Benzyl alcohol	ug/kg	3330	2110	63	38-105	
bis(2-Chloroethoxy)methane	ug/kg	1670	1150	69	39-110	
bis(2-Chloroethyl) ether	ug/kg	1670	1090	66	19-119	
bis(2-Chloroisopropyl) ether	ug/kg	1670	829	50	21-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1060	64	35-116	
Butylbenzylphthalate	ug/kg	1670	1020	61	38-110	
Chrysene	ug/kg	1670	1130	68	49-110	
Di-n-butylphthalate	ug/kg	1670	1190	71	43-109	
Di-n-octylphthalate	ug/kg	1670	952	57	37-109	
Dibenz(a,h)anthracene	ug/kg	1670	1170	70	43-116	
Dibenzofuran	ug/kg	1670	1180	71	45-106	
Diethylphthalate	ug/kg	1670	1180	71	41-114	
Dimethylphthalate	ug/kg	1670	1140	69	43-110	
Fluoranthene	ug/kg	1670	1190	72	50-114	
Fluorene	ug/kg	1670	1150	69	46-114	
Hexachloro-1,3-butadiene	ug/kg	1670	1290	77	28-111	
Hexachlorobenzene	ug/kg	1670	1220	73	46-120	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 695366

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1670	1290	78	18-119	
Hexachloroethane	ug/kg	1670	1030	62	33-110	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1170	70	42-115	
Isophorone	ug/kg	1670	1220	73	44-109	
N-Nitroso-di-n-propylamine	ug/kg	1670	1110	67	43-104	
N-Nitrosodimethylamine	ug/kg	1670	1090	66	29-110	
N-Nitrosodiphenylamine	ug/kg	1670	1240	74	48-113	
Naphthalene	ug/kg	1670	1090	65	41-110	
Nitrobenzene	ug/kg	1670	1190	72	38-110	
Pentachlorophenol	ug/kg	3330	2760	83	32-128	
Phenanthrene	ug/kg	1670	1110	66	50-110	
Phenol	ug/kg	1670	1180	71	28-106	
Pyrene	ug/kg	1670	1040	63	45-114	
2,4,6-Tribromophenol (S)	%			74	27-110	
2-Fluorobiphenyl (S)	%			66	30-110	
2-Fluorophenol (S)	%			64	13-110	
Nitrobenzene-d5 (S)	%			68	23-110	
Phenol-d6 (S)	%			64	22-110	
Terphenyl-d14 (S)	%			70	28-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 695367 695368

Parameter	Units	92107622003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	1910	1910	662	598	35	31	18-119	10	
1,2-Dichlorobenzene	ug/kg	ND	1910	1910	566	527	30	28	50-110	7	M0,M1
1,3-Dichlorobenzene	ug/kg	ND	1910	1910	554	520	29	27	27-110	6	
1,4-Dichlorobenzene	ug/kg	ND	1910	1910	536	530	28	28	28-110	1	
1-Methylnaphthalene	ug/kg	ND	1910	1910	662	596	35	31	24-116	10	
2,4,5-Trichlorophenol	ug/kg	ND	1910	1910	700	652	37	34	28-110	7	
2,4,6-Trichlorophenol	ug/kg	ND	1910	1910	824	762	43	40	17-117	8	
2,4-Dichlorophenol	ug/kg	ND	1910	1910	749	612	39	32	21-128	20	
2,4-Dimethylphenol	ug/kg	ND	1910	1910	579	491	30	26	10-120	17	
2,4-Dinitrophenol	ug/kg	ND	9540	9540	1170J	821J	12	9	10-107		M0,M1
2,4-Dinitrotoluene	ug/kg	ND	1910	1910	782	710	41	37	36-109	10	
2,6-Dinitrotoluene	ug/kg	ND	1910	1910	712	661	37	35	32-110	7	
2-Chloronaphthalene	ug/kg	ND	1910	1910	692	642	36	34	30-107	7	
2-Chlorophenol	ug/kg	ND	1910	1910	543	482	28	25	14-106	12	
2-Methylnaphthalene	ug/kg	ND	1910	1910	654	572	34	30	10-135	13	
2-Methylphenol(o-Cresol)	ug/kg	ND	1910	1910	494	412	26	22	10-124	18	
2-Nitroaniline	ug/kg	ND	3820	3820	1360J	1240J	36	32	26-116		
2-Nitrophenol	ug/kg	ND	1910	1910	595	527	31	28	28-103	12	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	1910	1910	550	481	29	25	10-109	13	
3,3'-Dichlorobenzidine	ug/kg	ND	3820	3820	919J	1110J	24	29	10-150		
3-Nitroaniline	ug/kg	ND	3820	3820	1310J	1250J	34	33	22-110		
4,6-Dinitro-2-methylphenol	ug/kg	ND	3820	3820	1050	891	27	23	13-121	16	

Pace Analytical®
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 695367 695368

Parameter	Units	92107622003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4-Bromophenylphenyl ether	ug/kg	ND	1910	1910	827	784	43	41	31-109	5	
4-Chloro-3-methylphenol	ug/kg	ND	3820	3820	1430	1220	37	32	13-128	16	
4-Chloroaniline	ug/kg	ND	3820	3820	1080J	1050J	28	28	18-102		
4-Chlorophenylphenyl ether	ug/kg	ND	1910	1910	747	699	39	37	29-112	7	
4-Nitroaniline	ug/kg	ND	3820	3820	1300	1200	34	32	16-111	8	
4-Nitrophenol	ug/kg	ND	9540	9540	3520	3320	37	35	14-135	6	
Acenaphthene	ug/kg	ND	1910	1910	663	630	35	33	26-114	5	
Acenaphthylene	ug/kg	ND	1910	1910	703	665	37	35	32-108	5	
Aniline	ug/kg	ND	1910	1910	731	681	38	36	10-107	7	
Anthracene	ug/kg	ND	1910	1910	740	717	39	38	32-111	3	
Benzo(a)anthracene	ug/kg	ND	1910	1910	744	714	39	37	25-117	4	
Benzo(a)pyrene	ug/kg	ND	1910	1910	679	643	36	34	25-106	5	
Benzo(b)fluoranthene	ug/kg	ND	1910	1910	695	646	36	34	24-110	7	
Benzo(g,h,i)perylene	ug/kg	ND	1910	1910	720	676	38	35	19-112	6	
Benzo(k)fluoranthene	ug/kg	ND	1910	1910	721	703	38	37	24-114	2	
Benzoic Acid	ug/kg	ND	9540	9540	228J	154J	2	2	10-110		M0,M1
Benzyl alcohol	ug/kg	ND	3820	3820	1110	987	29	26	24-106	12	
bis(2-Chloroethoxy)methane	ug/kg	ND	1910	1910	645	584	34	31	13-119	10	
bis(2-Chloroethyl) ether	ug/kg	ND	1910	1910	1070	995	56	52	10-134	7	
bis(2-Chloroisopropyl) ether	ug/kg	ND	1910	1910	467	422	24	22	10-113	10	
bis(2-Ethylhexyl)phthalate	ug/kg	1900	1910	1910	4730	3140	148	65	10-125	40	M0,M1,R1
Butylbenzylphthalate	ug/kg	ND	1910	1910	813	1010	37	48	18-110	22	
Chrysene	ug/kg	ND	1910	1910	713	696	37	37	30-110	2	
Di-n-butylphthalate	ug/kg	ND	1910	1910	1020	967	40	37	19-112	6	
Di-n-octylphthalate	ug/kg	ND	1910	1910	678	635	36	33	17-105	7	
Dibenz(a,h)anthracene	ug/kg	ND	1910	1910	730	680	38	36	23-111	7	
Dibenzofuran	ug/kg	ND	1910	1910	731	686	38	36	35-103	6	
Diethylphthalate	ug/kg	ND	1910	1910	778	750	41	39	27-113	4	
Dimethylphthalate	ug/kg	ND	1910	1910	743	688	39	36	26-111	8	
Fluoranthene	ug/kg	ND	1910	1910	724	701	38	37	33-109	3	
Fluorene	ug/kg	ND	1910	1910	723	686	38	36	32-113	5	
Hexachloro-1,3-butadiene	ug/kg	ND	1910	1910	721	680	38	36	16-116	6	
Hexachlorobenzene	ug/kg	ND	1910	1910	776	748	41	39	27-120	4	
Hexachlorocyclopentadiene	ug/kg	ND	1910	1910	632	518	33	27	10-108	20	
Hexachloroethane	ug/kg	ND	1910	1910	525	495	28	26	10-117	6	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	1910	1910	713	678	37	36	10-122	5	
Isophorone	ug/kg	ND	1910	1910	771	687	40	36	28-114	12	
N-Nitroso-di-n-propylamine	ug/kg	ND	1910	1910	694	582	36	31	27-113	17	
N-Nitrosodimethylamine	ug/kg	ND	1910	1910	467	434	24	23	10-109	7	
N-Nitrosodiphenylamine	ug/kg	ND	1910	1910	780	759	41	40	10-128	3	
Naphthalene	ug/kg	ND	1910	1910	620	569	32	30	25-110	9	
Nitrobenzene	ug/kg	ND	1910	1910	631	597	33	31	18-114	6	
Pentachlorophenol	ug/kg	ND	3820	3820	1950	1800J	51	47	10-122		
Phenanthrene	ug/kg	ND	1910	1910	727	691	38	36	30-114	5	
Phenol	ug/kg	ND	1910	1910	600	487	31	26	11-102	21	
Pyrene	ug/kg	ND	1910	1910	686	658	36	34	25-116	4	
2,4,6-Tribromophenol (S)	%						43	41	27-110		

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 695367 695368

Parameter	Units	92107622003 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2-Fluorobiphenyl (S)	%						33	31	30-110		
2-Fluorophenol (S)	%						25	22	13-110		
Nitrobenzene-d5 (S)	%						31	29	23-110		
Phenol-d6 (S)	%						28	23	22-110		
Terphenyl-d14 (S)	%						39	37	28-110		

Pace Analytical
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: OEXT/15767 Analysis Method: EPA 8270
QC Batch Method: EPA 3546 Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 92107633014, 92107633015, 92107633016, 92107633017, 92107633018, 92107633019, 92107633020, 92107633021, 92107633022

METHOD BLANK: 695427 Matrix: Solid
Associated Lab Samples: 92107633014, 92107633015, 92107633016, 92107633017, 92107633018, 92107633019, 92107633020, 92107633021, 92107633022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	325	12/09/11 17:47	
1,2-Dichlorobenzene	ug/kg	ND	325	12/09/11 17:47	
1,3-Dichlorobenzene	ug/kg	ND	325	12/09/11 17:47	
1,4-Dichlorobenzene	ug/kg	ND	325	12/09/11 17:47	
1-Methylnaphthalene	ug/kg	ND	325	12/09/11 17:47	
2,4,5-Trichlorophenol	ug/kg	ND	325	12/09/11 17:47	
2,4,6-Trichlorophenol	ug/kg	ND	325	12/09/11 17:47	
2,4-Dichlorophenol	ug/kg	ND	325	12/09/11 17:47	
2,4-Dimethylphenol	ug/kg	ND	325	12/09/11 17:47	
2,4-Dinitrophenol	ug/kg	ND	1620	12/09/11 17:47	
2,4-Dinitrotoluene	ug/kg	ND	325	12/09/11 17:47	
2,6-Dinitrotoluene	ug/kg	ND	325	12/09/11 17:47	
2-Chloronaphthalene	ug/kg	ND	325	12/09/11 17:47	
2-Chlorophenol	ug/kg	ND	325	12/09/11 17:47	
2-Methylnaphthalene	ug/kg	ND	325	12/09/11 17:47	
2-Methylphenol(o-Cresol)	ug/kg	ND	325	12/09/11 17:47	
2-Nitroaniline	ug/kg	ND	1620	12/09/11 17:47	
2-Nitrophenol	ug/kg	ND	325	12/09/11 17:47	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	325	12/09/11 17:47	
3,3'-Dichlorobenzidine	ug/kg	ND	1620	12/09/11 17:47	
3-Nitroaniline	ug/kg	ND	1620	12/09/11 17:47	
4,6-Dinitro-2-methylphenol	ug/kg	ND	649	12/09/11 17:47	
4-Bromophenylphenyl ether	ug/kg	ND	325	12/09/11 17:47	
4-Chloro-3-methylphenol	ug/kg	ND	649	12/09/11 17:47	
4-Chloroaniline	ug/kg	ND	1620	12/09/11 17:47	
4-Chlorophenylphenyl ether	ug/kg	ND	325	12/09/11 17:47	
4-Nitroaniline	ug/kg	ND	649	12/09/11 17:47	
4-Nitrophenol	ug/kg	ND	1620	12/09/11 17:47	
Acenaphthene	ug/kg	ND	325	12/09/11 17:47	
Acenaphthylene	ug/kg	ND	325	12/09/11 17:47	
Aniline	ug/kg	ND	325	12/09/11 17:47	
Anthracene	ug/kg	ND	325	12/09/11 17:47	
Benzo(a)anthracene	ug/kg	ND	325	12/09/11 17:47	
Benzo(a)pyrene	ug/kg	ND	325	12/09/11 17:47	
Benzo(b)fluoranthene	ug/kg	ND	325	12/09/11 17:47	
Benzo(g,h,i)perylene	ug/kg	ND	325	12/09/11 17:47	
Benzo(k)fluoranthene	ug/kg	ND	325	12/09/11 17:47	
Benzoic Acid	ug/kg	ND	1620	12/09/11 17:47	
Benzyl alcohol	ug/kg	ND	649	12/09/11 17:47	
bis(2-Chloroethoxy)methane	ug/kg	ND	325	12/09/11 17:47	
bis(2-Chloroethyl) ether	ug/kg	ND	325	12/09/11 17:47	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

METHOD BLANK: 695427 Matrix: Solid

Associated Lab Samples: 92107633014, 92107633015, 92107633016, 92107633017, 92107633018, 92107633019, 92107633020, 92107633021, 92107633022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
bis(2-Chloroisopropyl) ether	ug/kg	ND	325	12/09/11 17:47	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	325	12/09/11 17:47	
Butylbenzylphthalate	ug/kg	ND	325	12/09/11 17:47	
Chrysene	ug/kg	ND	325	12/09/11 17:47	
Di-n-butylphthalate	ug/kg	ND	325	12/09/11 17:47	
Di-n-octylphthalate	ug/kg	ND	325	12/09/11 17:47	
Dibenz(a,h)anthracene	ug/kg	ND	325	12/09/11 17:47	
Dibenzofuran	ug/kg	ND	325	12/09/11 17:47	
Diethylphthalate	ug/kg	ND	325	12/09/11 17:47	
Dimethylphthalate	ug/kg	ND	325	12/09/11 17:47	
Fluoranthene	ug/kg	ND	325	12/09/11 17:47	
Fluorene	ug/kg	ND	325	12/09/11 17:47	
Hexachloro-1,3-butadiene	ug/kg	ND	325	12/09/11 17:47	
Hexachlorobenzene	ug/kg	ND	325	12/09/11 17:47	
Hexachlorocyclopentadiene	ug/kg	ND	325	12/09/11 17:47	
Hexachloroethane	ug/kg	ND	325	12/09/11 17:47	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	325	12/09/11 17:47	
Isophorone	ug/kg	ND	325	12/09/11 17:47	
N-Nitroso-di-n-propylamine	ug/kg	ND	325	12/09/11 17:47	
N-Nitrosodimethylamine	ug/kg	ND	325	12/09/11 17:47	
N-Nitrosodiphenylamine	ug/kg	ND	325	12/09/11 17:47	
Naphthalene	ug/kg	ND	325	12/09/11 17:47	
Nitrobenzene	ug/kg	ND	325	12/09/11 17:47	
Pentachlorophenol	ug/kg	ND	1620	12/09/11 17:47	
Phenanthrene	ug/kg	ND	325	12/09/11 17:47	
Phenol	ug/kg	ND	325	12/09/11 17:47	
Pyrene	ug/kg	ND	325	12/09/11 17:47	
2,4,6-Tribromophenol (S)	%	82	27-110	12/09/11 17:47	
2-Fluorobiphenyl (S)	%	71	30-110	12/09/11 17:47	
2-Fluorophenol (S)	%	75	13-110	12/09/11 17:47	
Nitrobenzene-d5 (S)	%	58	23-110	12/09/11 17:47	
Phenol-d6 (S)	%	75	22-110	12/09/11 17:47	
Terphenyl-d14 (S)	%	92	28-110	12/09/11 17:47	

LABORATORY CONTROL SAMPLE: 695428

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1650	1340	82	39-101	
1,2-Dichlorobenzene	ug/kg	1650	1540	93	36-110	
1,3-Dichlorobenzene	ug/kg	1650	1480	90	35-110	
1,4-Dichlorobenzene	ug/kg	1650	1460	89	35-110	
1-Methylnaphthalene	ug/kg	1650	1370	83	45-105	
2,4,5-Trichlorophenol	ug/kg	1650	1280	78	48-109	
2,4,6-Trichlorophenol	ug/kg	1650	1480	90	45-111	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 695428

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dichlorophenol	ug/kg	1650	1380	83	51-116	
2,4-Dimethylphenol	ug/kg	1650	1500	91	42-103	
2,4-Dinitrophenol	ug/kg	8250	6820	83	28-103	
2,4-Dinitrotoluene	ug/kg	1650	1780	108	46-114	
2,6-Dinitrotoluene	ug/kg	1650	1820	110	48-112	
2-Chloronaphthalene	ug/kg	1650	1620	98	44-105	
2-Chlorophenol	ug/kg	1650	1690	102	36-110	
2-Methylnaphthalene	ug/kg	1650	1370	83	39-112	
2-Methylphenol(o-Cresol)	ug/kg	1650	1560	94	39-101	
2-Nitroaniline	ug/kg	3300	3080	93	44-111	
2-Nitrophenol	ug/kg	1650	1450	88	41-100	
3&4-Methylphenol(m&p Cresol)	ug/kg	1650	1630	99	43-103	
3,3'-Dichlorobenzidine	ug/kg	3300	3380	103	10-150	
3-Nitroaniline	ug/kg	3300	3520	107	35-110	
4,6-Dinitro-2-methylphenol	ug/kg	3300	3310	100	38-118	
4-Bromophenylphenyl ether	ug/kg	1650	1390	84	47-115	
4-Chloro-3-methylphenol	ug/kg	3300	2780	84	43-127	
4-Chloroaniline	ug/kg	3300	3260	99	34-109	
4-Chlorophenylphenyl ether	ug/kg	1650	1350	82	44-115	
4-Nitroaniline	ug/kg	3300	3900	118	37-111	L3
4-Nitrophenol	ug/kg	8250	6080	74	21-152	
Acenaphthene	ug/kg	1650	1450	88	38-117	
Acenaphthylene	ug/kg	1650	1420	86	46-107	
Aniline	ug/kg	1650	1640	99	29-110	
Anthracene	ug/kg	1650	1420	86	50-110	
Benzo(a)anthracene	ug/kg	1650	1500	91	47-116	
Benzo(a)pyrene	ug/kg	1650	1480	90	47-106	
Benzo(b)fluoranthene	ug/kg	1650	1350	82	47-109	
Benzo(g,h,i)perylene	ug/kg	1650	1490	90	39-115	
Benzo(k)fluoranthene	ug/kg	1650	1470	89	45-117	
Benzoic Acid	ug/kg	8250	4670	57	16-110	
Benzyl alcohol	ug/kg	3300	3390	103	38-105	
bis(2-Chloroethoxy)methane	ug/kg	1650	1280	77	39-110	
bis(2-Chloroethyl) ether	ug/kg	1650	1540	93	19-119	
bis(2-Chloroisopropyl) ether	ug/kg	1650	1420	86	21-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1650	1750	106	35-116	
Butylbenzylphthalate	ug/kg	1650	1790	109	38-110	
Chrysene	ug/kg	1650	1510	92	49-110	
Di-n-butylphthalate	ug/kg	1650	1680	102	43-109	
Di-n-octylphthalate	ug/kg	1650	1850	112	37-109	L3
Dibenz(a,h)anthracene	ug/kg	1650	1510	91	43-116	
Dibenzofuran	ug/kg	1650	1420	86	45-106	
Diethylphthalate	ug/kg	1650	1570	95	41-114	
Dimethylphthalate	ug/kg	1650	1540	93	43-110	
Fluoranthene	ug/kg	1650	1480	90	50-114	
Fluorene	ug/kg	1650	1400	85	46-114	
Hexachloro-1,3-butadiene	ug/kg	1650	1130	69	28-111	
Hexachlorobenzene	ug/kg	1650	1610	98	46-120	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 695428

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Hexachlorocyclopentadiene	ug/kg	1650	1560	95	18-119	
Hexachloroethane	ug/kg	1650	1500	91	33-110	
Indeno(1,2,3-cd)pyrene	ug/kg	1650	1490	90	42-115	
Isophorone	ug/kg	1650	1480	90	44-109	
N-Nitroso-di-n-propylamine	ug/kg	1650	1810	110	43-104	L3
N-Nitrosodimethylamine	ug/kg	1650	1630	99	29-110	
N-Nitrosodiphenylamine	ug/kg	1650	1590	96	48-113	
Naphthalene	ug/kg	1650	1280	78	41-110	
Nitrobenzene	ug/kg	1650	1240	75	38-110	
Pentachlorophenol	ug/kg	3300	3520	107	32-128	
Phenanthrene	ug/kg	1650	1330	81	50-110	
Phenol	ug/kg	1650	1810	110	28-106	L3
Pyrene	ug/kg	1650	1440	87	45-114	
2,4,6-Tribromophenol (S)	%			103	27-110	
2-Fluorobiphenyl (S)	%			80	30-110	
2-Fluorophenol (S)	%			90	13-110	
Nitrobenzene-d5 (S)	%			67	23-110	
Phenol-d6 (S)	%			101	22-110	
Terphenyl-d14 (S)	%			90	28-110	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 695429 695430

Parameter	Units	92107633020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
1,2,4-Trichlorobenzene	ug/kg	ND	2410	2440	2500	2480	104	102	18-119	1	
1,2-Dichlorobenzene	ug/kg	ND	2410	2440	2040	1930	85	79	50-110	5	
1,3-Dichlorobenzene	ug/kg	ND	2410	2440	2160	2090	90	86	27-110	3	
1,4-Dichlorobenzene	ug/kg	ND	2410	2440	2200	2120	91	87	28-110	4	
1-Methylnaphthalene	ug/kg	8210	2410	2440	9660	10300	60	85	24-116	6	
2,4,5-Trichlorophenol	ug/kg	ND	2410	2440	1860	1890	77	78	28-110	2	
2,4,6-Trichlorophenol	ug/kg	ND	2410	2440	2130	2140	89	88	17-117	0	
2,4-Dichlorophenol	ug/kg	ND	2410	2440	1750	1850	73	76	21-128	6	
2,4-Dimethylphenol	ug/kg	ND	2410	2440	1070	1130	45	47	10-120	5	
2,4-Dinitrophenol	ug/kg	ND	12000	12200	5460	7860	45	65	10-107	36	R1
2,4-Dinitrotoluene	ug/kg	ND	2410	2440	2340	2540	97	104	36-109	8	
2,6-Dinitrotoluene	ug/kg	ND	2410	2440	2370	2410	98	99	32-110	2	
2-Chloronaphthalene	ug/kg	ND	2410	2440	2520	2400	105	99	30-107	5	
2-Chlorophenol	ug/kg	ND	2410	2440	813	750	34	31	14-106	8	
2-Methylnaphthalene	ug/kg	19500	2410	2440	18200	19000	-56	-20	10-135	5	M0
2-Methylphenol(o-Cresol)	ug/kg	ND	2410	2440	1240	1370	52	56	10-124	10	
2-Nitroaniline	ug/kg	ND	4820	4860	4730	4790	98	99	26-116	1	
2-Nitrophenol	ug/kg	ND	2410	2440	1890	1950	78	80	28-103	3	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	2410	2440	1240	1310	51	54	10-109	6	
3,3'-Dichlorobenzidine	ug/kg	ND	4820	4860	4200	4680	87	96	10-150	11	
3-Nitroaniline	ug/kg	ND	4820	4860	4230	4590	88	94	22-110	8	
4,6-Dinitro-2-methylphenol	ug/kg	ND	4820	4860	3210	4380	67	90	13-121	31	R1

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 695429 695430

Parameter	Units	92107633020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
4-Bromophenylphenyl ether	ug/kg	ND	2410	2440	2270	2120	94	87	31-109	7	
4-Chloro-3-methylphenol	ug/kg	ND	4820	4860	3220	3490	67	72	13-128	8	
4-Chloroaniline	ug/kg	ND	4820	4860	4010	3860	83	79	18-102	4	
4-Chlorophenylphenyl ether	ug/kg	ND	2410	2440	2060	2060	85	85	29-112	0	
4-Nitroaniline	ug/kg	ND	4820	4860	4240	4900	88	101	16-111	14	
4-Nitrophenol	ug/kg	ND	12000	12200	8600	11400	71	93	14-135	28	
Acenaphthene	ug/kg	ND	2410	2440	2110	2030	88	83	26-114	4	
Acenaphthylene	ug/kg	ND	2410	2440	2090	2020	87	83	32-108	3	
Aniline	ug/kg	ND	2410	2440	1240	1200	52	49	10-107	4	
Anthracene	ug/kg	ND	2410	2440	2160	2160	90	89	32-111	0	
Benzo(a)anthracene	ug/kg	ND	2410	2440	2030	2100	84	86	25-117	3	
Benzo(a)pyrene	ug/kg	ND	2410	2440	1890	1970	78	81	25-106	4	
Benzo(b)fluoranthene	ug/kg	ND	2410	2440	1810	1820	75	75	24-110	1	
Benzo(g,h,i)perylene	ug/kg	ND	2410	2440	2130	2390	88	98	19-112	12	
Benzo(k)fluoranthene	ug/kg	ND	2410	2440	1880	1920	78	79	24-114	2	
Benzoic Acid	ug/kg	ND	12000	12200	412J	662J	3	5	10-110		M0
Benzyl alcohol	ug/kg	ND	4820	4860	3030	3240	63	67	24-106	7	
bis(2-Chloroethoxy)methane	ug/kg	ND	2410	2440	1620	1620	67	67	13-119	0	
bis(2-Chloroethyl) ether	ug/kg	ND	2410	2440	1640	1660	68	68	10-134	1	
bis(2-Chloroisopropyl) ether	ug/kg	ND	2410	2440	1280	1210	53	50	10-113	6	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	2410	2440	2610	2430	108	100	10-125	7	
Butylbenzylphthalate	ug/kg	ND	2410	2440	2500	2310	104	95	18-110	8	
Chrysene	ug/kg	ND	2410	2440	2070	2060	86	85	30-110	1	
Di-n-butylphthalate	ug/kg	ND	2410	2440	2420	2330	101	96	19-112	4	
Di-n-octylphthalate	ug/kg	ND	2410	2440	2650	2720	110	112	17-105	3	M0
Dibenz(a,h)anthracene	ug/kg	ND	2410	2440	2020	2340	84	96	23-111	14	
Dibenzofuran	ug/kg	ND	2410	2440	2110	2040	88	84	35-103	3	
Diethylphthalate	ug/kg	ND	2410	2440	2230	2250	93	93	27-113	1	
Dimethylphthalate	ug/kg	ND	2410	2440	2240	2210	93	91	26-111	1	
Fluoranthene	ug/kg	ND	2410	2440	2030	2220	84	91	33-109	9	
Fluorene	ug/kg	ND	2410	2440	2050	2090	85	86	32-113	2	
Hexachloro-1,3-butadiene	ug/kg	ND	2410	2440	2610	2590	108	106	16-116	1	
Hexachlorobenzene	ug/kg	ND	2410	2440	2430	2330	101	96	27-120	4	
Hexachlorocyclopentadiene	ug/kg	ND	2410	2440	2880	3190	119	131	10-108	10	M0
Hexachloroethane	ug/kg	ND	2410	2440	ND	ND	0	0	10-117		M0
Indeno(1,2,3-cd)pyrene	ug/kg	ND	2410	2440	1990	2320	83	95	10-122	15	
Isophorone	ug/kg	ND	2410	2440	2020	1950	84	80	28-114	3	
N-Nitroso-di-n-propylamine	ug/kg	ND	2410	2440	2720	2130	113	88	27-113	25	
N-Nitrosodimethylamine	ug/kg	ND	2410	2440	1380	859	57	35	10-109	47	R1
N-Nitrosodiphenylamine	ug/kg	ND	2410	2440	2560	2570	106	105	10-128	0	
Naphthalene	ug/kg	23800	2410	2440	21000	21200	-120	-107	25-110	1	M0
Nitrobenzene	ug/kg	ND	2410	2440	2630	2620	109	108	18-114	1	
Pentachlorophenol	ug/kg	ND	4820	4860	3770	5130	78	105	10-122	31	R1
Phenanthrene	ug/kg	ND	2410	2440	2100	2060	85	82	30-114	2	
Phenol	ug/kg	ND	2410	2440	1150	1070	48	44	11-102	7	
Pyrene	ug/kg	ND	2410	2440	2080	1920	86	79	25-116	8	
2,4,6-Tribromophenol (S)	%						88	92	27-110		

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 695429 695430

Parameter	Units	92107633020 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
2-Fluorobiphenyl (S)	%						86	76	30-110		
2-Fluorophenol (S)	%						53	44	13-110		
Nitrobenzene-d5 (S)	%						84	75	23-110		
Phenol-d6 (S)	%						50	49	22-110		
Terphenyl-d14 (S)	%						86	75	28-110		

Pace Analytical
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: OEXT/15822
QC Batch Method: EPA 3546
Analysis Method: EPA 8270
Analysis Description: 8270 Solid MSSV Microwave
Associated Lab Samples: 92107633008

METHOD BLANK: 697504
Matrix: Solid
Associated Lab Samples: 92107633008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	ND	330	12/12/11 11:00	
1,2-Dichlorobenzene	ug/kg	ND	330	12/12/11 11:00	
1,3-Dichlorobenzene	ug/kg	ND	330	12/12/11 11:00	
1,4-Dichlorobenzene	ug/kg	ND	330	12/12/11 11:00	
1-Methylnaphthalene	ug/kg	ND	330	12/12/11 11:00	
2,4,5-Trichlorophenol	ug/kg	ND	330	12/12/11 11:00	
2,4,6-Trichlorophenol	ug/kg	ND	330	12/12/11 11:00	
2,4-Dichlorophenol	ug/kg	ND	330	12/12/11 11:00	
2,4-Dimethylphenol	ug/kg	ND	330	12/12/11 11:00	
2,4-Dinitrophenol	ug/kg	ND	1650	12/12/11 11:00	
2,4-Dinitrotoluene	ug/kg	ND	330	12/12/11 11:00	
2,6-Dinitrotoluene	ug/kg	ND	330	12/12/11 11:00	
2-Chloronaphthalene	ug/kg	ND	330	12/12/11 11:00	
2-Chlorophenol	ug/kg	ND	330	12/12/11 11:00	
2-Methylnaphthalene	ug/kg	ND	330	12/12/11 11:00	
2-Methylphenol(o-Cresol)	ug/kg	ND	330	12/12/11 11:00	
2-Nitroaniline	ug/kg	ND	1650	12/12/11 11:00	
2-Nitrophenol	ug/kg	ND	330	12/12/11 11:00	
3&4-Methylphenol(m&p Cresol)	ug/kg	ND	330	12/12/11 11:00	
3,3'-Dichlorobenzidine	ug/kg	ND	1650	12/12/11 11:00	
3-Nitroaniline	ug/kg	ND	1650	12/12/11 11:00	
4,6-Dinitro-2-methylphenol	ug/kg	ND	660	12/12/11 11:00	
4-Bromophenylphenyl ether	ug/kg	ND	330	12/12/11 11:00	
4-Chloro-3-methylphenol	ug/kg	ND	660	12/12/11 11:00	
4-Chloroaniline	ug/kg	ND	1650	12/12/11 11:00	
4-Chlorophenylphenyl ether	ug/kg	ND	330	12/12/11 11:00	
4-Nitroaniline	ug/kg	ND	660	12/12/11 11:00	
4-Nitrophenol	ug/kg	ND	1650	12/12/11 11:00	
Acenaphthene	ug/kg	ND	330	12/12/11 11:00	
Acenaphthylene	ug/kg	ND	330	12/12/11 11:00	
Aniline	ug/kg	ND	330	12/12/11 11:00	
Anthracene	ug/kg	ND	330	12/12/11 11:00	
Benzo(a)anthracene	ug/kg	ND	330	12/12/11 11:00	
Benzo(a)pyrene	ug/kg	ND	330	12/12/11 11:00	
Benzo(b)fluoranthene	ug/kg	ND	330	12/12/11 11:00	
Benzo(g,h,i)perylene	ug/kg	ND	330	12/12/11 11:00	
Benzo(k)fluoranthene	ug/kg	ND	330	12/12/11 11:00	
Benzoic Acid	ug/kg	ND	1650	12/12/11 11:00	
Benzyl alcohol	ug/kg	ND	660	12/12/11 11:00	
bis(2-Chloroethoxy)methane	ug/kg	ND	330	12/12/11 11:00	
bis(2-Chloroethyl) ether	ug/kg	ND	330	12/12/11 11:00	
bis(2-Chloroisopropyl) ether	ug/kg	ND	330	12/12/11 11:00	
bis(2-Ethylhexyl)phthalate	ug/kg	ND	330	12/12/11 11:00	

Pace Analytical
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

METHOD BLANK: 697504 Matrix: Solid

Associated Lab Samples: 92107633008

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Butylbenzylphthalate	ug/kg	ND	330	12/12/11 11:00	
Chrysene	ug/kg	ND	330	12/12/11 11:00	
Di-n-butylphthalate	ug/kg	ND	330	12/12/11 11:00	
Di-n-octylphthalate	ug/kg	ND	330	12/12/11 11:00	
Dibenz(a,h)anthracene	ug/kg	ND	330	12/12/11 11:00	
Dibenzofuran	ug/kg	ND	330	12/12/11 11:00	
Diethylphthalate	ug/kg	ND	330	12/12/11 11:00	
Dimethylphthalate	ug/kg	ND	330	12/12/11 11:00	
Fluoranthene	ug/kg	ND	330	12/12/11 11:00	
Fluorene	ug/kg	ND	330	12/12/11 11:00	
Hexachloro-1,3-butadiene	ug/kg	ND	330	12/12/11 11:00	
Hexachlorobenzene	ug/kg	ND	330	12/12/11 11:00	
Hexachlorocyclopentadiene	ug/kg	ND	330	12/12/11 11:00	
Hexachloroethane	ug/kg	ND	330	12/12/11 11:00	
Indeno(1,2,3-cd)pyrene	ug/kg	ND	330	12/12/11 11:00	
Isophorone	ug/kg	ND	330	12/12/11 11:00	
N-Nitroso-di-n-propylamine	ug/kg	ND	330	12/12/11 11:00	
N-Nitrosodimethylamine	ug/kg	ND	330	12/12/11 11:00	
N-Nitrosodiphenylamine	ug/kg	ND	330	12/12/11 11:00	
Naphthalene	ug/kg	ND	330	12/12/11 11:00	
Nitrobenzene	ug/kg	ND	330	12/12/11 11:00	
Pentachlorophenol	ug/kg	ND	1650	12/12/11 11:00	
Phenanthrene	ug/kg	ND	330	12/12/11 11:00	
Phenol	ug/kg	ND	330	12/12/11 11:00	
Pyrene	ug/kg	ND	330	12/12/11 11:00	
2,4,6-Tribromophenol (S)	%	77	27-110	12/12/11 11:00	
2-Fluorobiphenyl (S)	%	74	30-110	12/12/11 11:00	
2-Fluorophenol (S)	%	72	13-110	12/12/11 11:00	
Nitrobenzene-d5 (S)	%	56	23-110	12/12/11 11:00	
Phenol-d6 (S)	%	74	22-110	12/12/11 11:00	
Terphenyl-d14 (S)	%	92	28-110	12/12/11 11:00	

LABORATORY CONTROL SAMPLE: 697505

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
1,2,4-Trichlorobenzene	ug/kg	1670	1190	71	39-101	
1,2-Dichlorobenzene	ug/kg	1670	1330	80	36-110	
1,3-Dichlorobenzene	ug/kg	1670	1290	78	35-110	
1,4-Dichlorobenzene	ug/kg	1670	1300	78	35-110	
1-Methylnaphthalene	ug/kg	1670	1260	76	45-105	
2,4,5-Trichlorophenol	ug/kg	1670	1200	72	48-109	
2,4,6-Trichlorophenol	ug/kg	1670	1380	83	45-111	
2,4-Dichlorophenol	ug/kg	1670	1240	75	51-116	
2,4-Dimethylphenol	ug/kg	1670	1360	82	42-103	
2,4-Dinitrophenol	ug/kg	8330	6710	81	28-103	

Pace Analytical®
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 697505

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
2,4-Dinitrotoluene	ug/kg	1670	1620	97	46-114	
2,6-Dinitrotoluene	ug/kg	1670	1550	93	48-112	
2-Chloronaphthalene	ug/kg	1670	1380	83	44-105	
2-Chlorophenol	ug/kg	1670	1530	92	36-110	
2-Methylnaphthalene	ug/kg	1670	1270	76	39-112	
2-Methylphenol(o-Cresol)	ug/kg	1670	1290	78	39-101	
2-Nitroaniline	ug/kg	3330	2640	79	44-111	
2-Nitrophenol	ug/kg	1670	1360	82	41-100	
3&4-Methylphenol(m&p Cresol)	ug/kg	1670	1320	79	43-103	
3,3'-Dichlorobenzidine	ug/kg	3330	2900	87	10-150	
3-Nitroaniline	ug/kg	3330	3140	94	35-110	
4,6-Dinitro-2-methylphenol	ug/kg	3330	3240	97	38-118	
4-Bromophenylphenyl ether	ug/kg	1670	1360	81	47-115	
4-Chloro-3-methylphenol	ug/kg	3330	2470	74	43-127	
4-Chloroaniline	ug/kg	3330	2610	78	34-109	
4-Chlorophenylphenyl ether	ug/kg	1670	1330	80	44-115	
4-Nitroaniline	ug/kg	3330	3510	105	37-111	
4-Nitrophenol	ug/kg	8330	6110	73	21-152	
Acenaphthene	ug/kg	1670	1380	83	38-117	
Acenaphthylene	ug/kg	1670	1350	81	46-107	
Aniline	ug/kg	1670	1330	80	29-110	
Anthracene	ug/kg	1670	1410	85	50-110	
Benzo(a)anthracene	ug/kg	1670	1480	89	47-116	
Benzo(a)pyrene	ug/kg	1670	1440	86	47-106	
Benzo(b)fluoranthene	ug/kg	1670	1340	80	47-109	
Benzo(g,h,i)perylene	ug/kg	1670	1440	86	39-115	
Benzo(k)fluoranthene	ug/kg	1670	1440	87	45-117	
Benzoic Acid	ug/kg	8330	4260	51	16-110	
Benzyl alcohol	ug/kg	3330	2810	84	38-105	
bis(2-Chloroethoxy)methane	ug/kg	1670	1180	71	39-110	
bis(2-Chloroethyl) ether	ug/kg	1670	1400	84	19-119	
bis(2-Chloroisopropyl) ether	ug/kg	1670	1270	76	21-110	
bis(2-Ethylhexyl)phthalate	ug/kg	1670	1550	93	35-116	
Butylbenzylphthalate	ug/kg	1670	1580	95	38-110	
Chrysene	ug/kg	1670	1510	90	49-110	
Di-n-butylphthalate	ug/kg	1670	1480	89	43-109	
Di-n-octylphthalate	ug/kg	1670	1540	93	37-109	
Dibenz(a,h)anthracene	ug/kg	1670	1450	87	43-116	
Dibenzofuran	ug/kg	1670	1380	83	45-106	
Diethylphthalate	ug/kg	1670	1430	86	41-114	
Dimethylphthalate	ug/kg	1670	1370	82	43-110	
Fluoranthene	ug/kg	1670	1430	86	50-114	
Fluorene	ug/kg	1670	1370	82	46-114	
Hexachloro-1,3-butadiene	ug/kg	1670	1040	62	28-111	
Hexachlorobenzene	ug/kg	1670	1410	84	46-120	
Hexachlorocyclopentadiene	ug/kg	1670	1380	83	18-119	
Hexachloroethane	ug/kg	1670	1310	78	33-110	
Indeno(1,2,3-cd)pyrene	ug/kg	1670	1410	84	42-115	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

LABORATORY CONTROL SAMPLE: 697505

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Isophorone	ug/kg	1670	1190	72	44-109	
N-Nitroso-di-n-propylamine	ug/kg	1670	1310	79	43-104	
N-Nitrosodimethylamine	ug/kg	1670	1470	88	29-110	
N-Nitrosodiphenylamine	ug/kg	1670	1410	85	48-113	
Naphthalene	ug/kg	1670	1240	74	41-110	
Nitrobenzene	ug/kg	1670	1080	65	38-110	
Pentachlorophenol	ug/kg	3330	3430	103	32-128	
Phenanthrene	ug/kg	1670	1310	79	50-110	
Phenol	ug/kg	1670	1560	94	28-106	
Pyrene	ug/kg	1670	1470	88	45-114	
2,4,6-Tribromophenol (S)	%			99	27-110	
2-Fluorobiphenyl (S)	%			75	30-110	
2-Fluorophenol (S)	%			85	13-110	
Nitrobenzene-d5 (S)	%			63	23-110	
Phenol-d6 (S)	%			86	22-110	
Terphenyl-d14 (S)	%			91	28-110	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: OEXT/15756 Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH Analysis Description: MADEP EPH NC Soil
Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633008, 92107633009, 92107633010, 92107633011, 92107633012, 92107633013

METHOD BLANK: 695211 Matrix: Solid
Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633008, 92107633009, 92107633010, 92107633011, 92107633012, 92107633013, 92107633014, 92107633015, 92107633016, 92107633017, 92107633018, 92107633019

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C18)	mg/kg	ND	9.9	12/06/11 16:38	N2
Aliphatic (C19-C36)	mg/kg	ND	9.9	12/06/11 16:38	N2
Aromatic (C11-C22)	mg/kg	ND	9.9	12/06/11 16:38	N2
2-Bromonaphthalene (S)	%	86	40-140	12/06/11 16:38	
2-Fluorobiphenyl (S)	%	78	40-140	12/06/11 16:38	
Nonatriacontane (S)	%	74	40-140	12/06/11 16:38	
o-Terphenyl (S)	%	60	40-140	12/06/11 16:38	

LABORATORY CONTROL SAMPLE & LCSD: 695212 695213

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	mg/kg	10	ND	ND	65	77	40-140		50	N2
Aliphatic (C19-C36)	mg/kg	13.3	ND	10.5	71	78	40-140		50	N2
Aromatic (C11-C22)	mg/kg	28.2	17.0	23.0	60	80	40-140	30	50	N2
2-Bromonaphthalene (S)	%				76	90	40-140			
2-Fluorobiphenyl (S)	%				69	96	40-140			
Nonatriacontane (S)	%				74	81	40-140			
o-Terphenyl (S)	%				58	78	40-140			

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: OEXT/15808 Analysis Method: MADEP EPH
QC Batch Method: MADEP EPH Analysis Description: MADEP EPH NC Soil
Associated Lab Samples: 92107633020, 92107633021, 92107633022

METHOD BLANK: 696930 Matrix: Solid
Associated Lab Samples: 92107633020, 92107633021, 92107633022

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Aliphatic (C09-C18)	mg/kg	ND	10.0	12/13/11 11:01	N2
Aliphatic (C19-C36)	mg/kg	ND	10.0	12/13/11 11:01	N2
Aromatic (C11-C22)	mg/kg	ND	10.0	12/13/11 11:01	N2
2-Bromonaphthalene (S)	%	102	40-140	12/13/11 11:01	
2-Fluorobiphenyl (S)	%	98	40-140	12/13/11 11:01	
Nonatriacontane (S)	%	88	40-140	12/13/11 11:01	
o-Terphenyl (S)	%	74	40-140	12/13/11 11:01	

LABORATORY CONTROL SAMPLE & LCSD: 696931 696932

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Aliphatic (C09-C18)	mg/kg	10	ND	ND	58	83	40-140		50	N2
Aliphatic (C19-C36)	mg/kg	13.3	ND	11.4	61	86	40-140		50	N2
Aromatic (C11-C22)	mg/kg	28.3	20.7	20.4	73	72	40-140	2	50	N2
2-Bromonaphthalene (S)	%				99	82	40-140			
2-Fluorobiphenyl (S)	%				88	86	40-140			
Nonatriacontane (S)	%				71	97	40-140			
o-Terphenyl (S)	%				67	66	40-140			

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: PMST/4363
Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87
Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92107633001, 92107633002, 92107633003, 92107633004, 92107633005, 92107633006, 92107633007, 92107633008, 92107633009, 92107633010

SAMPLE DUPLICATE: 695286

Parameter	Units	3544260001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	18.5	21.5	15	

SAMPLE DUPLICATE: 695287

Parameter	Units	92107634002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	94.1	94.1	0	

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

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

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

QUALITY CONTROL DATA

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

QC Batch: PMST/4364 Analysis Method: ASTM D2974-87
QC Batch Method: ASTM D2974-87 Analysis Description: Dry Weight/Percent Moisture
Associated Lab Samples: 92107633011, 92107633012, 92107633013, 92107633014, 92107633015, 92107633016, 92107633017, 92107633018, 92107633019, 92107633020, 92107633021, 92107633022

SAMPLE DUPLICATE: 695292

Parameter	Units	92107622002 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	12.9	16.7	26	R1

SAMPLE DUPLICATE: 695293

Parameter	Units	92107569001 Result	Dup Result	RPD	Qualifiers
Percent Moisture	%	27.1	19.1	35	R1

QUALIFIERS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

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.

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.

LABORATORIES

PASI-C	Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

1g	Surrogate fails after Moisture Correction for Methanol
2g	Surrogate fails after Moisture Correction for Methanol.
B-	Analyte detected in method blank but was not detected in the associated samples.
D3	Sample was diluted due to the presence of high levels of non-target analytes or other matrix interference.
E	Analyte concentration exceeded the calibration range. The reported result is estimated.
F3	The recovery of the second source standard used to verify the initial calibration curve for this analyte is outside the laboratory's control limits. The result is estimated.
IO	The internal standard response was outside the laboratory acceptance limits confirmed by reanalysis. The results reported are from the most QC compliant analysis.
L0	Analyte recovery in the laboratory control sample (LCS) was outside QC limits.
L3	Analyte recovery in the laboratory control sample (LCS) exceeded QC limits. Analyte presence below reporting limits in associated samples. Results unaffected by high bias.
M0	Matrix spike recovery and/or matrix spike duplicate recovery was outside laboratory control limits.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.
N2	The lab does not hold TNI accreditation for this parameter.
NC	Results acceptable because non-target analyte peak heights do not exceed the maximum calibrated upper range of the system per Section 9.5.8 of the MADEP VPH method.
R1	RPD value was outside control 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).
S4	Surrogate recovery not evaluated against control limits due to sample dilution.

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

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

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

QUALIFIERS

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

ANALYTE QUALIFIERS

S5 Surrogate recovery outside control limits due to matrix interferences (not confirmed by re-analysis).

Pace Analytical®
www.pacelabs.com

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

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92107633001	**P34-UST-1-1 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633002	**P34-UST-1-2 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633003	**P34-UST-1-3 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633004	**P34-UST-2-1 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633005	**P34-UST-2-2 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633006	**P34-UST-2-3 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633007	**P34-UST-3-1 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633008	**P34-UST-3-2 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633009	**P34-UST-3-3 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633010	**P34-UST-4-1 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633011	**P34-UST-4-2 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633012	**P34-UST-4-3 (9')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633013	**P34-UST-5 (2')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633014	**P34-FL-1 (3')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633015	**P34-FL-2 (3')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633016	**P34-FL-3 (3')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633017	**P34-FL-4 (3')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633018	**P34-FL-5 (3')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633019	**P34-DI-1 (4')**	MADEP EPH	OEXT/15756	MADEP EPH	GCSV/10994
92107633020	**P34-DI-2 (4')**	MADEP EPH	OEXT/15808	MADEP EPH	GCSV/11018
92107633021	**P34-DI-3 (4')**	MADEP EPH	OEXT/15808	MADEP EPH	GCSV/11018
92107633022	**P34-DI-4 (4')**	MADEP EPH	OEXT/15808	MADEP EPH	GCSV/11018
92107633001	**P34-UST-1-1 (9')**	MADEP VPH	GCV/5571	MADEP VPH	GCV/5572
92107633002	**P34-UST-1-2 (9')**	MADEP VPH	GCV/5571	MADEP VPH	GCV/5572
92107633003	**P34-UST-1-3 (9')**	MADEP VPH	GCV/5571	MADEP VPH	GCV/5572
92107633004	**P34-UST-2-1 (9')**	MADEP VPH	GCV/5571	MADEP VPH	GCV/5572
92107633005	**P34-UST-2-2 (9')**	MADEP VPH	GCV/5571	MADEP VPH	GCV/5572
92107633006	**P34-UST-2-3 (9')**	MADEP VPH	GCV/5571	MADEP VPH	GCV/5572
92107633007	**P34-UST-3-1 (9')**	MADEP VPH	GCV/5571	MADEP VPH	GCV/5572
92107633008	**P34-UST-3-2 (9')**	MADEP VPH	GCV/5571	MADEP VPH	GCV/5572
92107633009	**P34-UST-3-3 (9')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5594
92107633010	**P34-UST-4-1 (9')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5598
92107633011	**P34-UST-4-2 (9')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5598
92107633012	**P34-UST-4-3 (9')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5598
92107633013	**P34-UST-5 (2')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5594
92107633014	**P34-FL-1 (3')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5598
92107633015	**P34-FL-2 (3')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5594
92107633016	**P34-FL-3 (3')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5594
92107633017	**P34-FL-4 (3')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5594
92107633018	**P34-FL-5 (3')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5594
92107633019	**P34-DI-1 (4')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5594
92107633020	**P34-DI-2 (4')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5598
92107633021	**P34-DI-3 (4')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5594
92107633022	**P34-DI-4 (4')**	MADEP VPH	GCV/5586	MADEP VPH	GCV/5594
92107633001	**P34-UST-1-1 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633002	**P34-UST-1-2 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633003	**P34-UST-1-3 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776

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

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92107633004	**P34-UST-2-1 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633005	**P34-UST-2-2 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633006	**P34-UST-2-3 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633007	**P34-UST-3-1 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633008	**P34-UST-3-2 (9')**	EPA 3546	OEXT/15822	EPA 8270	MSSV/5793
92107633009	**P34-UST-3-3 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633010	**P34-UST-4-1 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633011	**P34-UST-4-2 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633012	**P34-UST-4-3 (9')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633013	**P34-UST-5 (2')**	EPA 3546	OEXT/15763	EPA 8270	MSSV/5776
92107633014	**P34-FL-1 (3')**	EPA 3546	OEXT/15767	EPA 8270	MSSV/5781
92107633015	**P34-FL-2 (3')**	EPA 3546	OEXT/15767	EPA 8270	MSSV/5781
92107633016	**P34-FL-3 (3')**	EPA 3546	OEXT/15767	EPA 8270	MSSV/5781
92107633017	**P34-FL-4 (3')**	EPA 3546	OEXT/15767	EPA 8270	MSSV/5781
92107633018	**P34-FL-5 (3')**	EPA 3546	OEXT/15767	EPA 8270	MSSV/5781
92107633019	**P34-DI-1 (4')**	EPA 3546	OEXT/15767	EPA 8270	MSSV/5781
92107633020	**P34-DI-2 (4')**	EPA 3546	OEXT/15767	EPA 8270	MSSV/5781
92107633021	**P34-DI-3 (4')**	EPA 3546	OEXT/15767	EPA 8270	MSSV/5781
92107633022	**P34-DI-4 (4')**	EPA 3546	OEXT/15767	EPA 8270	MSSV/5781
92107633001	**P34-UST-1-1 (9')**	EPA 8260	MSV/17555		
92107633002	**P34-UST-1-2 (9')**	EPA 8260	MSV/17555		
92107633003	**P34-UST-1-3 (9')**	EPA 8260	MSV/17555		
92107633004	**P34-UST-2-1 (9')**	EPA 8260	MSV/17555		
92107633005	**P34-UST-2-2 (9')**	EPA 8260	MSV/17555		
92107633006	**P34-UST-2-3 (9')**	EPA 8260	MSV/17555		
92107633007	**P34-UST-3-1 (9')**	EPA 8260	MSV/17555		
92107633008	**P34-UST-3-2 (9')**	EPA 8260	MSV/17555		
92107633009	**P34-UST-3-3 (9')**	EPA 8260	MSV/17555		
92107633010	**P34-UST-4-1 (9')**	EPA 8260	MSV/17555		
92107633011	**P34-UST-4-2 (9')**	EPA 8260	MSV/17555		
92107633012	**P34-UST-4-3 (9')**	EPA 8260	MSV/17555		
92107633013	**P34-UST-5 (2')**	EPA 8260	MSV/17603		
92107633014	**P34-FL-1 (3')**	EPA 8260	MSV/17603		
92107633015	**P34-FL-2 (3')**	EPA 8260	MSV/17574		
92107633016	**P34-FL-3 (3')**	EPA 8260	MSV/17574		
92107633017	**P34-FL-4 (3')**	EPA 8260	MSV/17574		
92107633018	**P34-FL-5 (3')**	EPA 8260	MSV/17574		
92107633019	**P34-DI-1 (4')**	EPA 8260	MSV/17603		
92107633020	**P34-DI-2 (4')**	EPA 8260	MSV/17574		
92107633021	**P34-DI-3 (4')**	EPA 8260	MSV/17574		
92107633022	**P34-DI-4 (4')**	EPA 8260	MSV/17574		
92107633001	**P34-UST-1-1 (9')**	ASTM D2974-87	PMST/4363		
92107633002	**P34-UST-1-2 (9')**	ASTM D2974-87	PMST/4363		
92107633003	**P34-UST-1-3 (9')**	ASTM D2974-87	PMST/4363		

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

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

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

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: Burke Co WBS# 34832.1.1
Pace Project No.: 92107633

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92107633004	**P34-UST-2-1 (9')**	ASTM D2974-87	PMST/4363		
92107633005	**P34-UST-2-2 (9')**	ASTM D2974-87	PMST/4363		
92107633006	**P34-UST-2-3 (9')**	ASTM D2974-87	PMST/4363		
92107633007	**P34-UST-3-1 (9')**	ASTM D2974-87	PMST/4363		
92107633008	**P34-UST-3-2 (9')**	ASTM D2974-87	PMST/4363		
92107633009	**P34-UST-3-3 (9')**	ASTM D2974-87	PMST/4363		
92107633010	**P34-UST-4-1 (9')**	ASTM D2974-87	PMST/4363		
92107633011	**P34-UST-4-2 (9')**	ASTM D2974-87	PMST/4364		
92107633012	**P34-UST-4-3 (9')**	ASTM D2974-87	PMST/4364		
92107633013	**P34-UST-5 (2')**	ASTM D2974-87	PMST/4364		
92107633014	**P34-FL-1 (3')**	ASTM D2974-87	PMST/4364		
92107633015	**P34-FL-2 (3')**	ASTM D2974-87	PMST/4364		
92107633016	**P34-FL-3 (3')**	ASTM D2974-87	PMST/4364		
92107633017	**P34-FL-4 (3')**	ASTM D2974-87	PMST/4364		
92107633018	**P34-FL-5 (3')**	ASTM D2974-87	PMST/4364		
92107633019	**P34-DI-1 (4')**	ASTM D2974-87	PMST/4364		
92107633020	**P34-DI-2 (4')**	ASTM D2974-87	PMST/4364		
92107633021	**P34-DI-3 (4')**	ASTM D2974-87	PMST/4364		
92107633022	**P34-DI-4 (4')**	ASTM D2974-87	PMST/4364		

Pace Analytical®
www.pacelabs.com

Parcel 34

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 1 of 2

1490613

Section A Required Client Information:

Company:	AMEC
Address:	4801 Yorkmont Rd Ste 100 Charlotte, NC 28208
Email To:	Helen.corley@amec.com
Phone: 704-357-8600	Fax:
Requested Due Date/TAT:	Standard

Section B Required Project Information:

Report To:	Helen Corley
Copy To:	Troy Holzschuh
Purchase Order No.:	
Project Name:	Burke County Parcel 34
Project Number:	56677255

Section C Invoice Information:

Attention:	Terry Fox
Company Name:	NCDOT
Address:	1589 Mail Service Center Raleigh, NC
Pace Quote Reference:	
Pace Project Manager:	Kevin Herring
Pace Profile #:	4098-1

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: 8260 VOC	8270 SVOC	VPH	EPH	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	P34-UST-1-1 (4')	SL	G			11-30-11	850		2									X	X	X	X		92107633 001
2	P34-UST-1-2 (4')						855											X	X	X	X		002
3	P34-UST-1-3 (4')						900											X	X	X	X		003
4	P34-UST-2-1 (4')						910											X	X	X	X		004
5	P34-UST-2-2 (4')						915											X	X	X	X		005
6	P34-UST-2-3 (4')						920											X	X	X	X		006
7	P34-UST-3-1 (4')						925											X	X	X	X		007
8	P34-UST-3-2 (4')						930											X	X	X	X		008
9	P34-UST-3-3 (4')						935											X	X	X	X		009
10	P34-UST-4-1 (4')						940											X	X	X	X		010
11	P34-UST-4-2 (4')						945											X	X	X	X		011
12	P34-UST-4-3 (4')						950											X	X	X	X		012

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Troy L Holzschuh/AMEC	12-2-11	1624		12/02/11	1624	1.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Troy L Holzschuh

SIGNATURE of SAMPLER: Troy L Holzschuh

DATE Signed (MM/DD/YY): 11-30-11 1522

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.

Pace Analytical®
www.pacelabs.com

P34

CHAIN-OF-CUSTODY / Analytical Request Document

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

Page: 2 of 2

1490611

Section A Required Client Information:

Company: AMEC
Address: 4801 Yorkmont Rd Ste 100
Charlotte, NC 28208
Email To: helen.corley@amec.com
Phone: 704-357-8600 Fax:
Requested Due Date/TAT: Standard

Section B Required Project Information:

Report To: Helen Corley
Copy To: Troy Holzschuh
Purchase Order No.:
Project Name: Burke County Parcel 34
Project Number: 56677255

Section C Invoice Information:

Attention: Terry Fox
Company Name: NCDOT
Address: 1589 Mail Service Center
Pace Quote Reference:
Pace Project Manager: Kevin Herring
Pace Profile #:

REGULATORY AGENCY

☐ NPDES ☐ GROUND WATER ☐ DRINKING WATER
☑ UST ☐ RCRA ☐ OTHER

Site Location STATE: NC

Section D Required Client Information

SAMPLE ID (A-Z, 0-9 / ,-) Sample IDs MUST BE UNIQUE

Matrix Codes (MATRIX / CODE)

Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Tissue	TS
Other	OT

ITEM #	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED: COMPOSITE START DATE	COMPOSITE START TIME	COMPOSITE END/GRAB DATE	COMPOSITE END/GRAB TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H_2SO_4	HNO_3	HCl	NaOH	$Na_2S_2O_3$	Methanol	Other	Analysis Test Y/N: 8260 VOC	8270 SVOC	VPH	EPH	Residual Chlorine (Y/N)	Pace Project No./ Lab I.D.
1	P34-UST-5(2')	SL	G			11-30-11	1040		2 1 1 1									X	X	X	X		013
2	P34-FL-1(3')						1050											X	X	X	X		014
3	P34-FL-2(3')						1055											X	X	X	X		015
4	P34-FL-3(3')						1200											X	X	X	X		016
5	P34-FL-4(3')						1205											X	X	X	X		017
6	P34-FL-5(3')						1210											X	X	X	X		018
7	P34-DI-1(4')						1240											X	X	X	X		019
8	P34-DI-2(4')						1245											X	X	X	X		020
9	P34-DI-3(4')						1250											X	X	X	X		021
10	P34-DI-4(4')						1255											X	X	X	X		022
11																							
12																							

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS: Temp in °C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)
	Troy Holzschuh/AMEC	12-2-11	1624		12/02/11	1624	1.2	Y	N	Y

ORIGINAL

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Troy A Holzschuh

SIGNATURE of SAMPLER: Troy Holzschuh

DATE Signed (MM/DD/YY): 11-30-11 1522

*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.

Pace Analytical	Document Name: **Sample Condition Upon Receipt (SCUR)**	Document Revised: July 29, 2011 Page 1 of 2
	Document Number: **F-CHR-CS-03-rev.05**	Issuing Authority: Pace Huntersville Quality Office

Client Name: AMEC Project # 92107633

Where Received: [X] Huntersville [ ] Asheville [ ] Eden

Courier: [ ] Fed Ex [ ] UPS [ ] USPS [X] Client [ ] Commercial [ ] Pace Other_____

Custody Seal on Cooler/Box Present: [ ] yes [X] no Seals intact: [ ] yes [ ] no

Optional
Proj. Due Date:
Proj. Name:

Packing Material: [ ] Bubble Wrap [X] Bubble Bags [ ] None [ ] Other_____

Thermometer Used: IR Gun T1102 **Type of Ice:** (Wet) Blue None [X] Samples on ice, cooling process has begun

Temp Correction Factor Add / Subtract 0 °C

Corrected Cooler Temp.: 1.2 C **Biological Tissue is Frozen:** Yes No (N/A)

Date and Initials of person examining contents: AH 12/02/11

Temp should be above freezing to 6°C

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

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

Person Contacted:_____ Date/Time:_____

Comments/ Resolution:_____

SCURF Review: JG Date: 12/2/11 **SRF Review:** JG Date: 12/5/11

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)

APPENDIX E

UST-2 - Site Investigation Report for Permanent Closure or Change in Service of UST

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

AMEC Earth & Environmental, Inc.
2200 Gateway Centre Blvd, Suite 205
Morrisville, NC 27560
www.amec.com
Tel – (919) 447-2750
Fax – (919) 447-2751

UST-2 Site Investigation Report for Permanent Closure or Change-in-Service of UST

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

STATE USE ONLY:
I.D. #_____
Date Received_____

INSTRUCTIONS (READ THIS FIRST)

For more than five UST systems you may attach additional forms as needed.

Permanent closure -- For permanent closure, complete all sections of this form.

Change-in-service -- For change-in-service where UST systems will be converted from containing a regulated substance to storing a non-regulated substance, complete sections I, II, III, IV, and VIII

Effective February 1, 1995, all UST closure/change-in-service reports must be submitted in the format provided in the UST-12 form. UST closure and change-in-services must be completed in accordance with the latest version of the *Guidelines for Tank Closure*. A copy of the UST-12 form and the *Guidelines for Tank Closure* can be obtained at www.wastenotnc.org.

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

NOTE: If a release from the tank(s) has occurred, the site assessment portion of the tank closure must be conducted under the supervision of a P.E. or L.G., with all closure site assessment reports bearing the signature and seal of the P.E. or L.G.

I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity): NCDOT
Street Address: 1589 Mail Service Center
City: Raleigh County: Wake
State: North Carolina Zip Code: 27699
Phone Number: 919-707-6870

II. LOCATION OF TANKS

Facility Name or Company: Former Stop-n-Shop
Facility ID # (If known):
Street Address: 303 Enola Rd
City: Morganton County: Burke Zip Code:
Phone Number:

III. CONTACT PERSONNEL

Contact for Facility: Terry Fox, LG		Job Title: Geo Environmental Project Manager	Phone. No: 919-707-6870
Closure Contractor Name: Tony Disher	Closure Contractor Company: EVO Corp	Address: 1703 Vargrave St. Winston-Salem NC	Phone. No: 336-725-5844
Primary Consultant Name: AMEC Troy L Holzschuh	Primary Consultant Company: AMEC	Address: 2801 Yorkmont Rd Charlotte, NC	Phone. No: 704-357-5616

IV. UST INFORMATION FOR REGISTERED UST SYSTEMS

V. EXCAVATION CONDITION

Tank ID No.	Size In Gallons	Tank Dimensions	Last Contents	Last Use Date	Permanent Close Date	Change-in-Service Date	Water in excavation Yes	Water in excavation No	Free product Yes	Free product No	Notable odor or visible soil contamination Yes	Notable odor or visible soil contamination No
	4000	24 X 5	Gasoline		11-29-11		☐	☑	☐	☑	☑	☐
	4,000	24 X 5	Gasoline		11-29-11		☐	☑	☐	☑	☑	☐
	4,000	24 X 5	Gasoline		11-29-11		☐	☑	☐	☑	☑	☐
	4,000	24 X 5	Foam		11-29-11		☐	☑	☐	☑	☑	☐
	270	4 X 4	unknown		11-29-11		☐	☑	☐	☑	☐	☑

VI. UST INFORMATION FOR UNREGISTERED UST SYSTEMS

VII. EXCAVATION CONDITION

Tank ID No.	Size in Gallons	Tank Dimensions	Last Contents	Last Use Date	Permanent Close Date	Tank Owner Name *	Water in excavation Yes	Water in excavation No	Free product Yes	Free product No	Notable odor or visible soil contamination Yes	Notable odor or visible soil contamination No
	~~4000~~						☐	☐	☐	☐	☐	☐
	~~4~~						☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐
							☐	☐	☐	☐	☐	☐

* If the tank owner address is different from the one listed in Section I., then enter the street address, city, state, zip code and telephone no. below:

VIII. CERTIFICATION

I certify under penalty of law that I have personally examined and am familiar with the information submitted in this and all attached documents and that based on my inquiry of those individuals immediately responsible for obtaining the information, I believe that the submitted information is true accurate and complete.

Print name and official title of owner or owner's authorized representative	Signature	Date Signed
Troy L Holzschuh Engineering Technician	Troy L Holzschuh	12-16-11

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

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

STATE USE ONLY
I.D. #_____
Date Received_____

INSTRUCTIONS (READ THIS FIRST)

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

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

UST closure and change-in-service site assessments must be completed in accordance with the latest version of the *Guidelines for Tank Closure*. The *Guidelines for Tank Closure* can be obtained at www.wastenotnc.org.

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

I. OWNERSHIP OF TANKS

Owner Name (Corporation, Individual, Public Agency, or Other Entity): NCDOT
Street Address: 1589 Mail Service Center
City: Raleigh County: Wake
State: NC Zip Code: 27699
Phone Number: 919-707-6870

II. LOCATION

Facility Name or Company: Stop + Shop (Former Gas Station)
Facility ID # (If known):
Street Address: 303 Enola Rd
City: Morganton County: Burke Zip Code:
Phone Number:

III. CONTACT PERSONNEL

Name:	Company Name:	Job Title:	Phone Number:
Terry Fox, LG	NCDOT	Geoenvironmental Project Manager	919-707-6870

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

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

V. WORK TO BE PERFORMED BY

Contractor Name: Tony Disher
Contractor Company Name: Evo Corp
Address: 1703 Vargrave St Winston Salem
State: NC Zip Code: 27107 Phone No: 336-725-5844
Primary Consultant Name: Troy L Holeschuh
Primary Consultant Company Name: AMEC
Consultant Phone No: 704-357-8600

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

Tank ID No.	Size in Gallons	Last Contents	Proposed Activity: Closure – Removal	Proposed Activity: Closure – Abandonment in Place *	Proposed Activity: Change-In-Service – New Contents Stored
	4,000	Gasoline	☑	☐	
	4,000	Gasoline	☑	☐	
	4,000	Gasoline	☑	☐	
	4,000	Closed in Place/Foam	☑	☐	
	270	Unknown	☑	☐	

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

VII. OWNER OR OWNER'S AUTHORIZED REPRESENTATIVE

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

Print name and official title:

Signature	Date Signed	SCHEDULED REMOVAL DATE	**Notify your DWM Regional Office 48 hours before this date if scheduled removal date changes**
Troy L Holeschuh	11-21-11	11-28-11	