



FOR IMMEDIATE RELEASE:

Elaney Katsafanas Hasselmann
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City of Salisbury Shares Report of Supplemental Soil Sampling and Testing Conducted at Downtown Central School Office Site

Salisbury, North Carolina_October 19, 2012 – A report issued by ESP Associates, P.A. (ESP), on October 18, regarding supplemental soil sampling and testing conducted at 329 South Main Street, the site of the future downtown central school office, indicate petroleum impact.

In 1991, the site was issued a letter of no further action from the North Carolina Department of Health, Environment, and Natural Resources (NCDENR) upon the removal of seven storage tanks and completion of abatement measures at the site – then Arey's Texaco.

Community Planning Services Director Joe Morris said, "The City of Salisbury, in good faith, considered the letter of no further action, in addition to conversations with DENR regarding the letter, as factual evidence that abatement at the site was complete. However, the environmental status of the site has changed per the soil analysis that we received yesterday. The City of Salisbury will work with DENR and an outside firm to both evaluate and initiate action on the recommendations found on page four of the report. In addition, we have identified city-owned property located on the opposite end of the block, at the corner of East Bank Street and South Main Street, as a secondary site for the central school office if initiation of action on the recommendations poses challenges to the timeline of the project."



The 1991 letter of no further action, issued by NCDENR, a 2007 Memorandum for the Record, issued by the City of Salisbury and the October 18, 2012 Report of Supplemental Soil Sampling and Testing, issued by ESP, are included as attachments in reference to the matter addressed in this release.

For additional information or questions, contact may be made with the following individuals:

Mr. Joe Morris
Community Planning Services Director – City of Salisbury
(704) 638 - 5324

Mr. Bill Burgin
Ramsey, Burgin, Smith Architects, Inc.
(704) 633 - 3121

The City of Salisbury is an equal opportunity employer with over 180 different job classifications and more than 400 full time positions. For more information regarding the City of Salisbury and its services and departments, please visit us on the web at www.salisburync.gov. To receive updates regarding local initiatives, meetings, programs and events, please follow us on Twitter at www.salisburync.gov/twitter.

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Post-It[®] brand transmittal memo 7571 1 of pages 1

To <i>LLOYD THOMPSON</i>	From <i>DAVE HOLDING</i>
Co.	Co.
Dept.	Phone #
Fax #	Fax #



State of North Carolina
 Department of Environment, Health, and Natural Resources
 Mooresville Regional Office

James G. Martin, Governor
 William W. Cobby, Jr., Secretary

Albert F. Hilton, Regional Manager
 DIVISION OF ENVIRONMENTAL MANAGEMENT

October 28, 1991

Mr. D.M. Holding
 Holding Brothers, Inc.
 Post Office Drawer 647
 Concord, North Carolina 28026-0647

RE: Soil Sample Results from
 Underground Storage Tank Closure
 Arey's Texaco
 Rowan County, N.C.

Dear Mr. Holding:

The Groundwater Section of the Division of Environmental Management at the Mooresville Regional Office has received the additional laboratory analyses from the soil samples collected during the closure of the underground storage tanks at the subject site. The report arrived on October 7, 1991. Based on the reported results, no further action is required at this time for the UST closure. However, please fill out the attached certificate of approval and submit it to this Office no later than November 4, 1991.

Should you have any questions, please do not hesitate to call me.

Sincerely,

David Eudy

David Eudy
 Hydrogeological Technician

*BY NOV 8TH 1991
 AS PER PHONE
 TO DAVID EUDY*

Attachment: Certificate of Approval

DDE/pl



April 17, 2007

MEMORANDUM FOR THE RECORD

Joe Morris, AICP
Planning & CD Manager

On this date I spoke by telephone with Dan Graham, Hydrogeologist II, with the North Carolina Department of Environment and Natural Resources, Mooresville Regional Office.

The purpose of our conversation was to discuss the status of the letter of NO FURTHER ACTION (NFA) dated October 28, 1991 regarding property located 329 South Main Street, Salisbury, North Carolina.

Mr. Graham stated that the NFA letter is sufficient documentation of the closure of underground storage tanks (USTs) that may have been located on this property. Mr. Graham further explained that, in all likelihood, any reason for re-opening the environmental analysis would be related to the contamination of potable drinking wells in the area. It is noted that the property is within the service area of the Salisbury Rowan Utilities Department and that residents in proximity to this site are served by the utility.

P.C. David W. Treme, City Manager



October 18, 2012

Mr. William Burgin
Ramsay, Burgin, Smith, Architects, Inc.
225 North Main Street, Suite 501
Salisbury, NC 28144

Reference: **REPORT OF SUPPLEMENTAL SOIL SAMPLING AND TESTING**
329 South Main Street Site
Salisbury, North Carolina
ESP Project No. E6-AP01.600

Dear Mr. Burgin:

ESP Associates, P.A. (ESP) is pleased to present details of supplemental soil sampling and testing performed at the above-referenced site. The supplemental soil sampling and testing was performed to further assist Ramsay, Burgin, Smith, Architects, Inc. (RBSA) with their due diligence prior to planned development of the property.

1.0 INTRODUCTION

The approximate 0.63-acre urban site is located at the northeast corner of the intersection of South Main Street and Horah Street in Salisbury, North Carolina (see Figure 1, Topographic Site Location Map). The site includes a vacant approximate 2,010-sqft single-story structure most recently occupied by The Lube Shop and prior to that by Arey's Sinclair service station. The existing structure with an address of 329 South Main Street was reportedly built in 1969; however, a service station has existed at the site since around 1950. The site includes two canopy covered pump islands whose four dispenser pumps have been removed while its associated underground piping was left in-place. Seven associated petroleum underground storage tanks (USTs) were excavated and removed from the southeastern portion of the site in 1990. A release of petroleum from the seven USTs to underlying soil was issued a no further action (NFA) letter from the North Carolina Department of Natural Resources (NCDENR) in 1991 following completion of abatement measures. See Figure 2 for a depiction of pertinent site features.

In ESP's "Report of Phase I Environmental Site Assessment" dated April 27, 2012, three on-site recognized environmental conditions (RECs) were identified associated with the site, including:

- Three undocumented possible orphan USTs located along the South Main Street side of the site as marked by ESP in a ground penetrating radar (GPR) survey;
- Pump islands and their associated underground fuel lines; and.
- An oil/water separator located within the service bay of the site's structure.

Supplemental soil sampling and testing completed to address the above three RECs are detailed in the following sections.

2.0 ORPHAN UST CONFIRMATION AND SOIL SAMPLING

On October 8, 2012, ESP employed a vacuum excavator to confirm the presence of three previously marked undocumented orphan USTs on the site. On October 9, 2012, ESP collected a total of ten soil samples (HA-1 through HA-10) to document soil quality at the site. Approximate UST and soil sample locations are depicted on Figure 2 while a description of the completed field activities is provided below.

2.1 Orphan USTs

ESP employed a vacuum excavator to physically confirm the presence of three orphan USTs previously identified through a GPR survey as possibly being located adjacent to each other on the South Main Street side of the site (see Figure 2). An access point was cut into the concrete pavement overlying each GPR marked UST location to allow probing access for the vacuum excavator. The vacuum excavator encountered the top of a steel UST at each of the three marked locations at an approximate depth of 2.5 feet below ground surface (bgs). Based on the approximate 18 foot lengths of the USTs as marked by the earlier GPR survey, ESP estimates that the three orphan USTs are each approximately 6,000-gallon in size.

Following confirmation of the existence of the above three orphan USTs, ESP advanced four hand auger borings (HA-1 through HA-4) immediately adjacent to the UST basin. One soil sample was collected from each boring using the hand auger from approximate depths of 8.5 feet bgs. Soil from the four borings did not appear to be visibly impacted with petroleum. The soil samples were transferred from the hand auger into labeled laboratory provided containers with appropriate preservatives, and the containers placed on ice for subsequent hand delivery under standard chain-of-custody procedures to Pace Analytical Services (Pace) of Huntersville, North Carolina for analysis. The four soil samples were analyzed for total petroleum hydrocarbons - diesel and gasoline range organics (TPH-DRO and GRO) by EPA Method 8015B.

2.2 Pump Islands and Associated Underground Fuel Lines

Five hand auger borings (HA-5 through HA-9) were advanced adjacent to the site's two pump islands, along the lateral runs of their associated underground fuel lines, and at a location downgradient of the pump islands and USTs. Samples HA-5, HA-7, HA-8 and HA-9 were collected from approximate depths of 3 feet bgs while sample HA-6 was collected from an approximate depth of 4 feet bgs. Soil collected from borings HA-5, HA-6, HA-7 and HA-8 were dark in color suggesting possible petroleum impact. The soil samples were transferred from the hand auger into labeled laboratory provided containers with appropriate preservatives, and the containers placed on ice for subsequent hand delivery under standard chain-of-custody procedures to Pace for analysis. The five soil samples were analyzed for TPH-DRO and GRO by EPA Method 8015B.

2.3 Oil/Water Separator

One hand auger boring (HA-10) was advanced to an approximate depth of about 5 feet bgs adjacent to an existing oil/water separator located within the service bay of the site's structure.

The bottom of the oil/water separator was measured to be at a depth of approximately 3.3 feet bgs and was observed to be partially filled with a liquid and a dark sludge. Soil collected at depth from the boring was dark in color suggesting possible petroleum impact. Soil sample HA-10 was collected at an approximate depth of 5 feet bgs and transferred from the hand auger into labeled laboratory provided containers with appropriate preservatives, and the containers placed on ice for subsequent hand delivery under standard chain-of-custody procedures to Pace for analysis. The soil sample was analyzed for total petroleum hydrocarbons for TPH-DRO and GRO by EPA Method 8015B and for total chromium and lead by EPA Method 3050B.

The hand auger was decontaminated between all boring locations using an Alconox laboratory-grade detergent wash and a distilled water rinse. Following collection of the soil samples, the borings were backfilled with auger cuttings.

3.0 ANALYTICAL RESULTS

Results of the laboratory analysis of collected soil samples are discussed below and are summarized on Table 1. Soil sample locations are depicted on Figure 2 and the Pace laboratory report is included as Appendix A.

HA-1 through HA-4 – these four soil samples were collected at approximate depths of 8.5 feet bgs along the four sides of the orphan UST basin. TPH-GRO and TPH-DRO were both reported to be below their laboratory reporting limits in all four samples.

HA-5 through HA-9 – these five soil samples were collected at approximate depths of 3 to 4 feet bgs adjacent to the site's two pump islands, along the lateral runs of their associated underground fuel lines, and at a topographically downgradient location. TPH-GRO and TPH-DRO were reported to be below their laboratory reporting limits in samples HA-6 and HA-9 while elevated concentrations above North Carolina action levels were detected in samples HA-5, HA-7 and HA-8.

HA-10 – this soil sample was collected at an approximate depth of 5 feet bgs adjacent to the oil/water separator located within the service bay of the site's structure. TPH-DRO was reported at a concentration of 61 mg/kg while TPH-GRO was reported to be below its laboratory reporting limit. The North Carolina action level for TPH-DRO is 10 mg/kg. Lead was reported at a concentration of 11.5 mg/kg which is below its North Carolina action level of 270 mg/kg while total chromium was reported at a concentration of 16.1 mg/kg which is above its North Carolina action level of 5.4 mg/kg.

4.0 CONCLUSIONS

Based on results of the above activities, ESP provides the following conclusions:

- ❑ Three undocumented approximate 8,000-gallon orphan USTs were confirmed to exist side by side along the South Main Street side of the site;
- ❑ Soil samples collected from adjacent to the orphan UST basin did not reveal petroleum impact;
- ❑ Soil samples collected adjacent to the site's two pump islands and associated underground piping indicate releases have occurred from these structures; and
- ❑ A soil sample collected from adjacent to the site's oil/water separator documented petroleum impact.

The above soil assessment activities documented the occurrence of petroleum releases likely associated with the site's two pump islands and associated underground fuel lines and from the site's oil/water separator. Soil samples collected adjacent to the site's three orphan USTs suggests that petroleum impact to soils from the tanks has not occurred.

5.0 RECOMMENDATIONS

Upon discovery of a petroleum release, NCDENR regulations require the responsible party to initially perform the following: *“Initial response actions which are required include submittal of a 24-Hour Release and Reporting Form to the UST Section within 24-Hours following discovery of the release; action to stop the release; and identification and mitigation of hazards from exposure to pollutants”*. If requested, ESP can provide the required notification to NCDENR on behalf of the responsible party.

Following NCDENR notification, ESP recommends the following course of action to address documented soil impact.

- ❑ Excavate and remove the three orphan USTs in accordance with NCDENR guidelines;
- ❑ Excavate and remove the oil/water separator and during the removal process, excavate impacted soil and collect the required confirmatory soil samples in accordance with NCDENR guidelines;
- ❑ Remove existing pump islands and associated underground piping and during the removal process, excavate impacted soil and collect the required confirmatory soil samples in accordance with NCDENR guidelines; and
- ❑ Following the successful removal of impacted soil, request a notice of no future action from NCDENR closure of the identified petroleum releases.

The above recommendations assume that impacted soil does not extend to groundwater and thus groundwater assessment is not required.

If you should have any questions or comments regarding this matter, please do not hesitate to contact us at (803) 802-2440.

Sincerely,

ESP Associates, P.A.



Christopher J. Ward, PG
Environmental Department Manager
NC Registration No. 1600



Brian F. Welch, PE
Senior Review

Attachments

- Table 1 – Summary of Soil Analytical Results
- Figure 1 – Site Topographic Location Map
- Figure 2 – Boring Location Map
- Appendix A – Pace Analytical Laboratory Report

cc: Mr. D. Chad Sherman, PE – ESP Associates, P.A.



TABLE

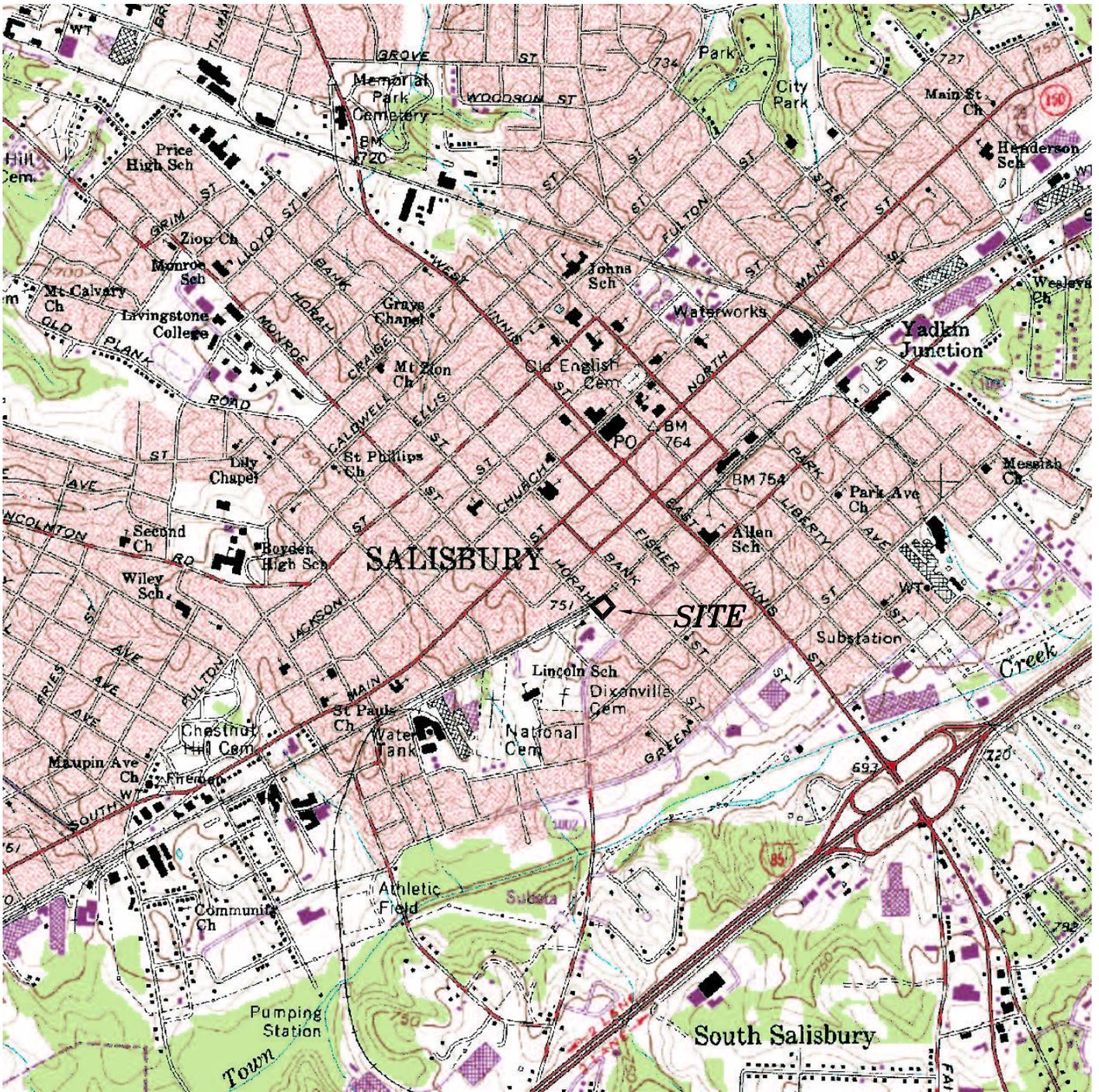
TABLE 1
SUMMARY OF SOIL ANALYTICAL RESULTS
329 South Main Street Site
Salisbury, North Carolina
ESP Project No. E6-AP01.600

Analyte (mg/kg)	EPA Method	Sample ID	HA-1	HA-2	HA-3	HA-4	HA-5	HA-6	HA-7	HA-8	HA-9	HA-10	North Carolina Action Level (mg/kg)
		Approximate Sample Depth	8.5 feet	8.5 feet	8.5 feet	8.5 feet	3 feet	4 eet	3 feet	3 feet	3 feet	5 feet	
		Sample Location	Orphan USTs	Orphan USTs	Orphan USTs	Orphan USTs	Pump Island	Down-gradient	Pump Island	Fuel Lines	Fuel Lines	O/W Separator	
		Sample Date	10/9/12	10/9/12	10/9/12	10/9/12	10/9/12	10/9/12	10/9/12	10/9/12	10/9/12	10/9/12	
TPH-DRO	8015B		<7.5	<7.7	<7.8	<7.3	33.3	<7.5	384	86.1	<6.3	61.0	10
TPH-GRO	8015B		<8.6	<9.7	<8.8	<8.0	11.1	<7.7	1,340	1,510	<7.6	<8.3	10
Chromium, total	6010C		NA	NA	NA	NA	NA	NA	NA	NA	NA	16.1	5.4
Lead	6010C		NA	NA	NA	NA	NA	NA	NA	NA	NA	11.5	270

Notes:

- 1) <7.5 - analyte reported to be less than the noted laboratory report limit for that analyte.
- 2) NA - Not Analyzed
- 3) mg/kg - milligrams per kilograms or parts per million (ppm)
- 4) Depths are approximate feet below ground surface.
- 5) TPH-DRO - Total Petroleum Hydrocarbons - Diesel Range Organics
- 6) TPH-GRO - Total Petroleum Hydrocarbons - Gasoline Range Organics

FIGURES



REFERENCE: USGS TOPOGRAPHIC QUADRANGLE MAP, SALISBURY, NC (1987)

PROJECT NO AP01.600	SHEET TITLE FIGURE 1 TOPOGRAPHIC SITE LOCATION MAP
SCALE NTS	
DATE 04/20/12	
DRAWN BY MM	PROJECT 329 SOUTH MAIN STREET SITE SALISBURY, NORTH CAROLINA
CHECKED BY CJW	
FIGURE 1	



ESP Associates, P.A.
P.O. Box 7030
Charlotte, NC 28241
3475 Lakemont Blvd.
Fort Mill, SC 29708
704-583-4949 (NC)
803-502-2440 (SC)
www.espassociates.com





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CLIENT

Rowan Salisbury Schools
c/o Ramsay Burgin Smith Architects, Inc.
225 N. Main Street, Suite 501
Salisbury, NC 28144

PROJECT

329 South Main Street Site
Salisbury, North Carolina

SHEET TITLE

Figure 2 Boring Location Map

Drawing intended to represent approximate boring locations only. No other information is expressed or implied.

PROJECT LOCATION Salisbury, NC

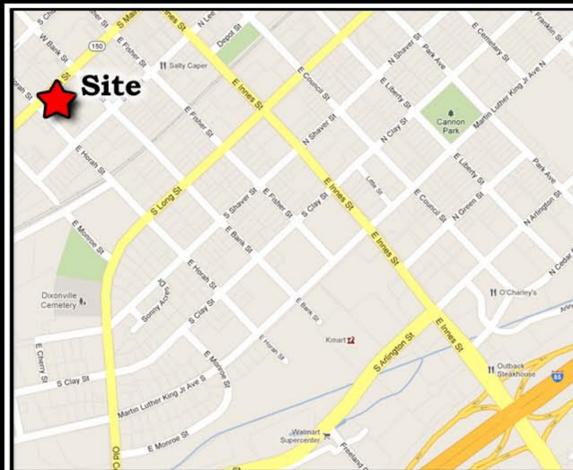
PROJECT NUMBER	AP01.600
DRAWING NAME	AP01-Boring Map 10172012.psd
DATE	October 17, 2012
DRAWN BY	JP
CHECKED BY	CS
SCALE	NTS

ESP / CLIENT REVISION

NO.	DATE	BY	REVISION

AGENCY / SUBMITTAL REVISION

NO.	DATE	BY	REVISION



Vicinity Map
Not To Scale



CITY OF SALISBURY
D.B. 965 PG. 764
TAX MAP 10-6 PARCEL 590

RESIDUAL TRACT
CITY OF SALISBURY
D.B. 965 PG. 764
TAX MAP 10-6 PARCEL 597
(0.232 AC. +/-)

ONE STORY
BRICK BUILDING

O/W Separator

PARCEL A
RICHARD K. SIMPSON
D.B. 902 PG. 10
TAX MAP 10-6 PARCEL 595
SEE MAP FOR
ROWAN CO
(D.B. 63)

Legend:

Approximate Hand Auger Boring Location

Note: Site plan information obtained from drawing titled "Rowan Salisbury School System" dated 3/22/12 prepared by Shulenburg Surveying Company, P.A.



APPENDIX A

PACE ANALYTICAL LABORATORY REPORT



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

October 17, 2012

Chris Ward
ESP Associates
3475 Lakemont Blvd.
Fort Mill, SC 29708

RE: Project: 329 S. Main St AP01.600
Pace Project No.: 92134551

Dear Chris Ward:

Enclosed are the analytical results for sample(s) received by the laboratory on October 09, 2012. 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,

Charles Hardin

tripp.hardin@pacelabs.com
Project Manager

Enclosures



REPORT OF LABORATORY ANALYSIS

This report shall not be reproduced, except in full,
without the written consent of Pace Analytical Services, Inc..



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

CERTIFICATIONS

Project: 329 S. Main St AP01.600
 Pace Project No.: 92134551

Charlotte Certification IDs

9800 Kinsey Ave. Ste 100, Huntersville, NC 28078
 North Carolina Drinking Water Certification #: 37706
 North Carolina Field Services Certification #: 5342
 North Carolina Wastewater Certification #: 12
 South Carolina Certification #: 99006001

Florida/NELAP Certification #: E87627
 Kentucky UST Certification #: 84
 West Virginia Certification #: 357
 Virginia/VELAP Certification #: 460221

Asheville Certification IDs

2225 Riverside Dr., Asheville, NC 28804
 Florida/NELAP Certification #: E87648
 Massachusetts Certification #: M-NC030
 North Carolina Drinking Water Certification #: 37712

North Carolina Wastewater Certification #: 40
 South Carolina Certification #: 99030001
 West Virginia Certification #: 356
 Virginia/VELAP Certification #: 460222

SAMPLE ANALYTE COUNT

Project: 329 S. Main St AP01.600

Pace Project No.: 92134551

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
92134551001	HA-1	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	RGF	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92134551002	HA-2	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	RGF	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92134551003	HA-3	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	RGF	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92134551004	HA-4	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	RGF	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92134551005	HA-5	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	RGF	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92134551006	HA-6	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	RGF	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92134551007	HA-7	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	RGF	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92134551008	HA-8	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	RGF	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92134551009	HA-9	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	RGF	2	PASI-C
		ASTM D2974-87	TNM	1	PASI-C
92134551010	HA-10	EPA 8015 Modified	MEJ	2	PASI-C
		EPA 8015 Modified	RGF	2	PASI-C
		EPA 6010	JMW	2	PASI-A
		ASTM D2974-87	TNM	1	PASI-C

REPORT OF LABORATORY ANALYSIS

ANALYTICAL RESULTS

Project: 329 S. Main St AP01.600

Pace Project No.: 92134551

Sample: HA-1 **Lab ID: 92134551001** Collected: 10/09/12 13:45 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND	mg/kg	7.5	1	10/10/12 10:00	10/11/12 20:17	68334-30-5	
Surrogates								
n-Pentacosane (S)	77	%	41-119	1	10/10/12 10:00	10/11/12 20:17	629-99-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND	mg/kg	8.6	1	10/12/12 11:42	10/12/12 11:47	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	93	%	70-167	1	10/12/12 11:42	10/12/12 11:47	460-00-4	
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	33.7	%	0.10	1		10/10/12 13:01		

Sample: HA-2 **Lab ID: 92134551002** Collected: 10/09/12 13:40 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND	mg/kg	7.7	1	10/10/12 10:00	10/11/12 20:17	68334-30-5	
Surrogates								
n-Pentacosane (S)	83	%	41-119	1	10/10/12 10:00	10/11/12 20:17	629-99-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND	mg/kg	9.7	1	10/12/12 11:42	10/12/12 12:55	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	87	%	70-167	1	10/12/12 11:42	10/12/12 12:55	460-00-4	
Percent Moisture Analytical Method: ASTM D2974-87								
Percent Moisture	34.9	%	0.10	1		10/10/12 13:01		

Sample: HA-3 **Lab ID: 92134551003** Collected: 10/09/12 13:30 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND	mg/kg	7.8	1	10/10/12 10:00	10/11/12 20:46	68334-30-5	
Surrogates								
n-Pentacosane (S)	80	%	41-119	1	10/10/12 10:00	10/11/12 20:46	629-99-2	
Gasoline Range Organics Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND	mg/kg	8.8	1	10/12/12 11:42	10/12/12 13:18	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	90	%	70-167	1	10/12/12 11:42	10/12/12 13:18	460-00-4	

Date: 10/17/2012 09:41 AM

REPORT OF LABORATORY ANALYSIS

Page 4 of 13

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ANALYTICAL RESULTS

Project: 329 S. Main St AP01.600

Pace Project No.: 92134551

Sample: HA-3 **Lab ID: 92134551003** Collected: 10/09/12 13:30 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	36.0	%	0.10	1		10/10/12 13:01		

Sample: HA-4 **Lab ID: 92134551004** Collected: 10/09/12 13:20 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel		Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546						
Diesel Components	ND	mg/kg	7.3	1	10/10/12 10:00	10/11/12 20:46	68334-30-5	
Surrogates								
n-Pentacosane (S)	81	%	41-119	1	10/10/12 10:00	10/11/12 20:46	629-99-2	
Gasoline Range Organics		Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B						
Gasoline Range Organics	ND	mg/kg	8.0	1	10/12/12 11:42	10/12/12 13:41	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	97	%	70-167	1	10/12/12 11:42	10/12/12 13:41	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	31.9	%	0.10	1		10/10/12 13:01		

Sample: HA-5 **Lab ID: 92134551005** Collected: 10/09/12 14:15 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel		Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546						
Diesel Components	33.3	mg/kg	7.1	1	10/10/12 10:00	10/11/12 21:16	68334-30-5	
Surrogates								
n-Pentacosane (S)	85	%	41-119	1	10/10/12 10:00	10/11/12 21:16	629-99-2	
Gasoline Range Organics		Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B						
Gasoline Range Organics	11.1	mg/kg	7.9	1	10/12/12 11:42	10/12/12 14:04	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	103	%	70-167	1	10/12/12 11:42	10/12/12 14:04	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	29.4	%	0.10	1		10/10/12 13:02		

ANALYTICAL RESULTS

Project: 329 S. Main St AP01.600

Pace Project No.: 92134551

Sample: HA-6 **Lab ID: 92134551006** Collected: 10/09/12 13:55 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	ND	mg/kg	7.5	1	10/10/12 10:00	10/11/12 21:16	68334-30-5	
Surrogates								
n-Pentacosane (S)	68	%	41-119	1	10/10/12 10:00	10/11/12 21:16	629-99-2	
Gasoline Range Organics								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	ND	mg/kg	7.7	1	10/12/12 11:42	10/12/12 14:27	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	89	%	70-167	1	10/12/12 11:42	10/12/12 14:27	460-00-4	
Percent Moisture								
Analytical Method: ASTM D2974-87								
Percent Moisture	33.3	%	0.10	1		10/10/12 13:02		

Sample: HA-7 **Lab ID: 92134551007** Collected: 10/09/12 14:20 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	384	mg/kg	30.4	1	10/10/12 10:00	10/11/12 21:46	68334-30-5	P3
Surrogates								
n-Pentacosane (S)	103	%	41-119	1	10/10/12 10:00	10/11/12 21:46	629-99-2	
Gasoline Range Organics								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	1340	mg/kg	60.8	10	10/12/12 11:42	10/15/12 15:20	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	119	%	70-167	10	10/12/12 11:42	10/15/12 15:20	460-00-4	
Percent Moisture								
Analytical Method: ASTM D2974-87								
Percent Moisture	17.8	%	0.10	1		10/10/12 13:02		

Sample: HA-8 **Lab ID: 92134551008** Collected: 10/09/12 14:30 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546								
Diesel Components	86.1	mg/kg	6.7	1	10/10/12 10:00	10/11/12 21:46	68334-30-5	
Surrogates								
n-Pentacosane (S)	110	%	41-119	1	10/10/12 10:00	10/11/12 21:46	629-99-2	
Gasoline Range Organics								
Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B								
Gasoline Range Organics	1510	mg/kg	66.9	10	10/12/12 11:42	10/15/12 15:43	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	110	%	70-167	10	10/12/12 11:42	10/15/12 15:43	460-00-4	

Date: 10/17/2012 09:41 AM

REPORT OF LABORATORY ANALYSIS

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ANALYTICAL RESULTS

Project: 329 S. Main St AP01.600

Pace Project No.: 92134551

Sample: HA-8 **Lab ID: 92134551008** Collected: 10/09/12 14:30 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	25.3 %		0.10	1		10/10/12 13:02		

Sample: HA-9 **Lab ID: 92134551009** Collected: 10/09/12 14:40 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel		Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546						
Diesel Components	ND	mg/kg	6.3	1	10/10/12 10:00	10/11/12 22:16	68334-30-5	
Surrogates								
n-Pentacosane (S)	76 %		41-119	1	10/10/12 10:00	10/11/12 22:16	629-99-2	
Gasoline Range Organics		Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B						
Gasoline Range Organics	ND	mg/kg	7.6	1	10/12/12 11:42	10/15/12 13:25	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	96 %		70-167	1	10/12/12 11:42	10/15/12 13:25	460-00-4	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	20.5 %		0.10	1		10/10/12 13:02		

Sample: HA-10 **Lab ID: 92134551010** Collected: 10/09/12 14:00 Received: 10/09/12 15:55 Matrix: Solid

Results reported on a "dry-weight" basis

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8015 GCS THC-Diesel		Analytical Method: EPA 8015 Modified Preparation Method: EPA 3546						
Diesel Components	61.0	mg/kg	6.6	1	10/10/12 10:00	10/11/12 22:45	68334-30-5	
Surrogates								
n-Pentacosane (S)	64 %		41-119	1	10/10/12 10:00	10/11/12 22:45	629-99-2	
Gasoline Range Organics		Analytical Method: EPA 8015 Modified Preparation Method: EPA 5035A/5030B						
Gasoline Range Organics	ND	mg/kg	8.3	1	10/12/12 11:42	10/15/12 13:48	8006-61-9	
Surrogates								
4-Bromofluorobenzene (S)	95 %		70-167	1	10/12/12 11:42	10/15/12 13:48	460-00-4	
6010 MET ICP		Analytical Method: EPA 6010 Preparation Method: EPA 3050						
Chromium	16.1	mg/kg	0.51	1	10/12/12 12:55	10/14/12 22:05	7440-47-3	
Lead	11.5	mg/kg	0.51	1	10/12/12 12:55	10/14/12 22:05	7439-92-1	
Percent Moisture		Analytical Method: ASTM D2974-87						
Percent Moisture	23.9 %		0.10	1		10/10/12 13:03		

QUALITY CONTROL DATA

Project: 329 S. Main St AP01.600

Pace Project No.: 92134551

QC Batch: GCV/6326 Analysis Method: EPA 8015 Modified
 QC Batch Method: EPA 5035A/5030B Analysis Description: Gasoline Range Organics
 Associated Lab Samples: 92134551001, 92134551002, 92134551003, 92134551004, 92134551005, 92134551006, 92134551007, 92134551008, 92134551009, 92134551010

METHOD BLANK: 852038 Matrix: Solid
 Associated Lab Samples: 92134551001, 92134551002, 92134551003, 92134551004, 92134551005, 92134551006, 92134551007, 92134551008, 92134551009, 92134551010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Gasoline Range Organics	mg/kg	ND	5.7	10/12/12 11:24	
4-Bromofluorobenzene (S)	%	92	70-167	10/12/12 11:24	

LABORATORY CONTROL SAMPLE: 852039

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Gasoline Range Organics	mg/kg	23.9	21.2	89	70-165	
4-Bromofluorobenzene (S)	%			97	70-167	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 852040 852041

Parameter	Units	92134551001 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
Gasoline Range Organics	mg/kg	ND	35.8	35.8	31.9	32.9	84	87	47-187	3	
4-Bromofluorobenzene (S)	%						88	88	70-167		

QUALITY CONTROL DATA

Project: 329 S. Main St AP01.600
Pace Project No.: 92134551

QC Batch: MPRP/11718 Analysis Method: EPA 6010
QC Batch Method: EPA 3050 Analysis Description: 6010 MET
Associated Lab Samples: 92134551010

METHOD BLANK: 852019 Matrix: Solid
Associated Lab Samples: 92134551010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Chromium	mg/kg	ND	0.50	10/14/12 21:57	
Lead	mg/kg	ND	0.50	10/14/12 21:57	

LABORATORY CONTROL SAMPLE: 852020

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Chromium	mg/kg	50	50.6	101	80-120	
Lead	mg/kg	50	51.5	103	80-120	

MATRIX SPIKE SAMPLE: 852021

Parameter	Units	92134551010 Result	Spike Conc.	MS Result	MS % Rec	% Rec Limits	Qualifiers
Chromium	mg/kg	16.1	64.4	78.2	96	75-125	
Lead	mg/kg	11.5	64.4	65.4	84	75-125	

SAMPLE DUPLICATE: 852022

Parameter	Units	92134235001 Result	Dup Result	RPD	Qualifiers
Chromium	mg/kg	30.1	32.3	7	
Lead	mg/kg	3110	3140	1	

QUALITY CONTROL DATA

Project: 329 S. Main St AP01.600
Pace Project No.: 92134551

QC Batch: OEXT/19232 Analysis Method: EPA 8015 Modified
QC Batch Method: EPA 3546 Analysis Description: 8015 Solid GCSV
Associated Lab Samples: 92134551001, 92134551002, 92134551003, 92134551004, 92134551005, 92134551006, 92134551007, 92134551008, 92134551009, 92134551010

METHOD BLANK: 850059 Matrix: Solid
Associated Lab Samples: 92134551001, 92134551002, 92134551003, 92134551004, 92134551005, 92134551006, 92134551007, 92134551008, 92134551009, 92134551010

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Components	mg/kg	ND	5.0	10/11/12 19:47	
n-Pentacosane (S)	%	87	41-119	10/11/12 19:47	

LABORATORY CONTROL SAMPLE: 850060

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Diesel Components	mg/kg	66.7	54.1	81	49-113	
n-Pentacosane (S)	%			88	41-119	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 850061 850062

Parameter	Units	92134551009 Result	MS		MSD		MS % Rec	MSD % Rec	% Rec Limits	RPD	Qual
			Spike Conc.	Conc.	Spike Conc.	Conc.					
Diesel Components	mg/kg	ND	83.9	83.9	63.9	57.0	75	67	10-146	11	
n-Pentacosane (S)	%						81	76	41-119		

QUALIFIERS

Project: 329 S. Main St AP01.600

Pace Project No.: 92134551

DEFINITIONS

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

ND - Not Detected at or above adjusted reporting limit.

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

MDL - Adjusted Method Detection Limit.

PRL - Pace Reporting Limit.

RL - Reporting Limit.

S - Surrogate

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

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

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

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

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

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

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

TNI - The NELAC Institute.

LABORATORIES

PASI-A Pace Analytical Services - Asheville

PASI-C Pace Analytical Services - Charlotte

ANALYTE QUALIFIERS

P3 Sample extract could not be concentrated to the routine final volume, resulting in elevated reporting limits.

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 329 S. Main St AP01.600
Pace Project No.: 92134551

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
92134551001	HA-1	EPA 3546	OEXT/19232	EPA 8015 Modified	GCSV/13055
92134551002	HA-2	EPA 3546	OEXT/19232	EPA 8015 Modified	GCSV/13055
92134551003	HA-3	EPA 3546	OEXT/19232	EPA 8015 Modified	GCSV/13055
92134551004	HA-4	EPA 3546	OEXT/19232	EPA 8015 Modified	GCSV/13055
92134551005	HA-5	EPA 3546	OEXT/19232	EPA 8015 Modified	GCSV/13055
92134551006	HA-6	EPA 3546	OEXT/19232	EPA 8015 Modified	GCSV/13055
92134551007	HA-7	EPA 3546	OEXT/19232	EPA 8015 Modified	GCSV/13055
92134551008	HA-8	EPA 3546	OEXT/19232	EPA 8015 Modified	GCSV/13055
92134551009	HA-9	EPA 3546	OEXT/19232	EPA 8015 Modified	GCSV/13055
92134551010	HA-10	EPA 3546	OEXT/19232	EPA 8015 Modified	GCSV/13055
92134551001	HA-1	EPA 5035A/5030B	GCV/6326	EPA 8015 Modified	GCV/6328
92134551002	HA-2	EPA 5035A/5030B	GCV/6326	EPA 8015 Modified	GCV/6328
92134551003	HA-3	EPA 5035A/5030B	GCV/6326	EPA 8015 Modified	GCV/6328
92134551004	HA-4	EPA 5035A/5030B	GCV/6326	EPA 8015 Modified	GCV/6328
92134551005	HA-5	EPA 5035A/5030B	GCV/6326	EPA 8015 Modified	GCV/6328
92134551006	HA-6	EPA 5035A/5030B	GCV/6326	EPA 8015 Modified	GCV/6328
92134551007	HA-7	EPA 5035A/5030B	GCV/6326	EPA 8015 Modified	GCV/6331
92134551008	HA-8	EPA 5035A/5030B	GCV/6326	EPA 8015 Modified	GCV/6331
92134551009	HA-9	EPA 5035A/5030B	GCV/6326	EPA 8015 Modified	GCV/6331
92134551010	HA-10	EPA 5035A/5030B	GCV/6326	EPA 8015 Modified	GCV/6331
92134551010	HA-10	EPA 3050	MPRP/11718	EPA 6010	ICP/10732
92134551001	HA-1	ASTM D2974-87	PMST/5046		
92134551002	HA-2	ASTM D2974-87	PMST/5046		
92134551003	HA-3	ASTM D2974-87	PMST/5046		
92134551004	HA-4	ASTM D2974-87	PMST/5046		
92134551005	HA-5	ASTM D2974-87	PMST/5046		
92134551006	HA-6	ASTM D2974-87	PMST/5046		
92134551007	HA-7	ASTM D2974-87	PMST/5046		
92134551008	HA-8	ASTM D2974-87	PMST/5046		
92134551009	HA-9	ASTM D2974-87	PMST/5046		
92134551010	HA-10	ASTM D2974-87	PMST/5046		



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CHAIN-OF-CUSTODY / Analytical Request Document

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

Section A
Required Client Information:

Company: ESF Associates
 Address: 329 S. Main St
 Email To: CWard@esfassociates.com
 Phone: 765.549.2181 fax:
 Requested Due Date/TAT: S-DAY

Section B
Required Project Information:

Report To: Chris Ward
 Copy To:
 Purchase Order No.:
 Project Name: 329 S. Main St
 Project Number: AP01.600

Section C
Invoice Information:

Attention: Chris Ward
 Company Name: ESF
 Address:
 Pace Quote #:
 Reference: TRP Hardin
 Pace Project Manager:
 Pace Profile #:

Page: 1 of 1
 1602733

REGULATORY AGENCY

NPDES GROUND WATER DRINKING WATER
 UST RORA OTHER
 Site Location STATE: NC

ITEM #	Section D Required Client Information	Matrix Codes MATRIX / CODE	COLLECTED		DATE	TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives							Requested Analysis Filtered (Y/N)	Residual Chlorine (Y/N)
			COMPOSITE START	COMPOSITE END/GRAB					Unpreserved	H ₂ SO ₄	HNO ₃	HCl	NaOH	Na ₂ S ₂ O ₃	Methanol		
1	SAMPLE ID (A-Z, 0-9 / -) Sample IDs MUST BE UNIQUE	DWV WWT WWV P SL OL WP AR TS OT	SLG		10/19	13:45	4										
2			SLG			13:40	4										
3			SLG			13:30	4										
4			SLG			13:20	4										
5			SLG			14:15	4										
6			SLG			13:55	4										
7			SLG			14:20	4										
8			SLG			14:30	4										
9			SLG			14:40	4										
10			SLG			14:00	5										

ADDITIONAL COMMENTS	REINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS
	<u>[Signature]</u>	<u>10/19/12</u>	<u>15:50</u>	<u>[Signature]</u>	<u>10/19/12</u>	<u>15:55</u>	4.1 4 N 4

SAMPLER NAME AND SIGNATURE
 PRINT Name of SAMPLER: Chris Ward
 SIGNATURE of SAMPLER: [Signature]
 DATE Signed (MM/DD/YY): 10/19/12

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 rendered within 30 days.
 F-ALL-Q-020(rev.07, 15-May-2007)



Document Name:
Sample Condition Upon Receipt (SCUR)
 Document Number:
F-CHR-CS-03-rev.07

Document Revised: May 7, 2012
 Page 1 of 2
 Issuing Authority:
 Pace Huntersville Quality Office

Client Name: ESP Associates Project # 9234551

Where Received: Huntersville Asheville Eden
 Courier: Fed Ex UPS USPS Client Commercial Pace Other _____
 Custody Seal on Cooler/Box Present: yes no Seals intact: yes no
 Packing Material: Bubble Wrap Bubble Bags None Other _____
 Thermometer Used: IR Gun T1101 T1102 Type of Ice: Wet Blue None Samples on ice, cooling process has begun
 Temp Correction Factor T1101: No Correction T1102: No Correction
 Corrected Cooler Temp.: 4.1 C Biological Tissue Is Frozen: Yes No N/A
 Temp should be above freezing to 6°C

Optional
 Proj. Due Date
 Proj. Name

Date and initials of person examining contents: 10/9/12

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

Client Notification/ Resolution: _____ Field Data Required? Y / N
 Person Contacted: _____ Date/Time: _____
 Comments/ Resolution: RUN CR + Pb ON SAMPLE NA-10 PER CHRIS WARD

SCURF Review: CAH Date: 10/9/12 SRF Review: QW Date: 10/9/12

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)