HAZARDOUS WASTE SECTION - COMPLIANCE BRANCH
FILE TRANSMITTAL & DATA ENTRY FORM

Your Name: Phil Orozco

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Facility Name: Wrenn's Body Shop

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File Description/Comments: Soil Sampling Report

Date of Document: 9/26/2012

Author(s) of Document: Thomas Hunneycutt, Soil & Environmental Consultants (S&EC)

Inspector ID #: NC018

Suborganization: Eastern Region

County (if not on report): FRANKLIN

WRENN'S BODY SHOP, INC.

Free Teletype Service
Body Repairs & Parts
860 NC 561 Hwy
Louisburg, NC 27549
496-3593 • 496-6677

September 26, 2012

Mr. Harry Messenger
NCDENR-Division of Waste Management-Underground Storage Tank Section
1646 Mail Service Center
Raleigh, NC 27699-1646

RE: Soil Sampling at Wrenn's Body Shop, Inc., Louisburg, NC

Dear Mr. Messenger:

Enclosed is a copy of the results of the Soil Sampling Assessment report completed by Soil & Environmental Consultant, PA on the above-mentioned property.

Please review the documentations and results at your earliest convenience. If all requirements have been met and the results are acceptible, we request a "No Further Action" letter from the North Carolina Department of Environment and Natural Resources.

Thank you for your cooperation and assistance.

Sincerely,

Wrenn's Body Shop, Inc.

Malcolm E. Wrenn, Sr.

Malcolm E. Wrenn, Sr.
President

MEW:dwj

cc: Mr. Phil Orozco, Environmental Senior Specialist
NCDENR-Division of Waste Management-Hazardous Waste Section
1646 Mail Service Center
Raleigh, NC 27699-1646

Enclosure

S&EC

Soil & Environmental Consultants, PA

11010 Raven Ridge Road • Raleigh, North Carolina 27614 • Phone: (919) 846-5900 • Fax: (919) 846-9467
www.SandEC.com

Wrenn's Body Shop, Inc.
Attn: Mr. Keith Wrenn
860 NC Hwy 561
Louisburg, NC 27549

August 24, 2012
S&EC Project 11876.G1

Re: Soil Sampling at Wrenn's Body Shop Site, Louisburg NC

Dear Mr. Wrenn:

This letter will document and present the results of the Phase II soil sampling program recently completed by Soil & Environmental Consultants, PA (S&EC) on the above referenced property. It is also intended for you to use as supporting documentation for requesting a "No Further Action" letter from the N. C. Department of Environment and Natural Resources (NC DENR) to resolve their requirements relative to the "Notice of Violation" letter (NOV) they previously issued. S&EC is pleased at and appreciative of the opportunity to have been of service as you attempt to resolve the outstanding issues associated with the NOV. Please let us know if we can be of further assistance.

Introduction:

This NOV was issued as a result of NC DENR's observation of areas of apparent contaminated soil on your property. As you are aware, a site meeting with you, representatives from the NC DENR, and S&EC occurred in February 2012 to discuss the issues and the proposed limited Phase II sampling and assessment of the area where the used oil was stored and spilled. The Phase II sampling program described in this letter report has been completed in accordance with S&EC's proposal / agreement for services and scope of work dated March 1,

2012 (see Attachment 1). The Phase II sampling assessment was conducted by S&EC under the direction and guidance of Mr. Thomas V. Honeycutt, Jr., PE and Mr. Donald Wells, Hydrologist, LSS.

The Phase II Sampling Assessment described in this report was completed to identify impacts to the soil in a specific area on your property (see Figure 1). This study did not cover any other areas at your facility nor did it encompass the entire area around the building. The map attached to this report delineates the specific area targeted by this study. If additional information concerning the oil spillage becomes available, then S&EC would request that we be contacted so this information can be thoroughly reviewed. S&EC does reserve the right to revise our report if additional information on this site becomes available in the future.

Background Information

In the summer of 2011, there were several drums on your property containing oil removed from "junk" vehicles and other vehicles you had in storage. These drums were left outside adjacent to your building with no cover. Over time rain water filled the drums and the oil-water mixture overflowed and stained the soil adjacent to the building. During a routine site inspection, NCDENR noted this spill and prepared a notice of violation (NOV) letter dated September 22, 2011. Based on the NOV letter, you hired a local contractor to excavate the oil stained soil and based on information provided by you, approximately 4 to 5 inches of oil stained soil was removed by this contractor and stored on plastic at your facility (see Site Photo 1). Then the contractor excavated down to 4 or 5 ft below land surface to visually evaluate the soils for staining, odor, etc. No visual observations of contamination were noted by the contractor and this soil material was placed back into the pit, lightly compacted, and covered with gravel. The area in question is approximately 6 ft by 20 ft and is located by the building, just

outside of the covered shed portion. Figure 1 shows the approximate location of this area.

Soil Sampling and Assessment

As noted in Figure 1, the targeted area was approximately 6 ft wide and 20 ft long. In this area S&EC performed three shallow (≤ 8 ft) soil borings during which soil from the borings was physically inspected for the presence of petroleum contamination. The soil boring locations are identified as SB-1, SB-2 & SB-3 on Figure 1. S&EC collected two soil samples per boring location for a total of six soil samples. These samples were collected at depths of 3 ft and 6 ft deep below land surface. The first set of samples (3-ft. zone) was from the soil that was excavated and put back into the pit. The second set of samples (6 ft zone) was collected in the natural soil below the recently excavated zone. All of the 3-ft. depth zone samples are identified with an "A", (SB-1-A, SB-2-A & SB-3-A) and the 6-ft. depth zone samples are identified with a "B", (SB-1-B, SB-2-B & SB-3-B).

All of the soil samples were analyzed by the analytical methods noted in Table 2 from the "UST Section Guidelines for the Investigation and Remediation of Contamination from Non-UST Petroleum Releases" dated July 1, 2007. Each soil sample was analyzed at a State approved lab for: volatile organics (EPA Method 8260), semi-volatile organic compounds (EPA Method 8270), oil and grease (EPA Method 9071B), and RCRA Metals (EPA Method 6010B). S&EC was also prepared to complete a TCLP metals analysis on one or more of the samples, however based on the results of the Method 6010B analysis, that was deemed not to be necessary.

All soil samples were collected using a clean stainless steel closed bucket hand soil auger. S&EC staff used non-latex gloves to handle the samples. After collection, the soil samples were placed in containers provided by the laboratory,

labeled, and stored in a cooler on ice per standard procedures. Using industry-approved chain-of-custody procedures, the samples were submitted to Accutest Labs in Orlando, Florida with a request for standard turnaround time analysis.

Soil Sample Results

The laboratory results (EPA methods 8260, 8270, Metals, Oil & Grease) for the six soil samples collected from the three soil boring locations within the targeted area were found to be either below the established detection limit (non-detection) or below the North Carolina Division of Environment Natural Resources (NCDENR) standards for all of the targeted analytes. Based on the lab results, no further remediation or assessment is needed at your site. The lab results for the six soil samples described in this report are included as Attachment 2 to this report.

Conclusions and Recommendations

In summary S&EC's initial sampling indicated there were no contaminants present in the soil samples above regulatory levels (levels requiring remediation or further assessment). Attachment 2 contains a summary of the results of the six soil samples referenced in this report. S&EC does not believe there is any remaining petroleum contaminated soil or soil that would be classified as hazardous waste within the sampling target area. It is S&EC's conclusion that this site contains no contamination above regulatory limits associated with the spilled oil from the drums. S&EC recommends that the soil stockpiled (see Site Photo 1) on-site be removed and disposed of at a facility approved for disposal of petroleum contaminated. Since this Phase II Assessment work was completed on your property, S&EC did not forward a copy of this report to the NCDENR Underground Storage Tank Section (UST Section) or the Hazardous Waste Section, however S&EC does recommend this action be taken. S&EC has previously contacted Mr. Harry Messenger (UST Section) and Mr. Phil Orozco

(Hazardous Waste Section) and discussed the scope of, site issues affecting, and lab results from the sampling program conducted on your property. It is S&EC's understanding these gentlemen share our conclusion there are no remaining contamination issues on your property associated with the oil spillage in question (other than removal and disposal of the stockpiled soil), and there is no further action required in regards to this issue. S&EC does recommend that you formally request a "No Further Action Required" letter from the NCDENR. S&EC can assist you with preparation of this letter if requested. The letter should include a copy of this report along with a copy of the lab results for the soil samples collected.

Please note that the opinions above are based on S&EC's experience to date on your property, information provided by you regarding the oil spill and cleanup, input from the State regulatory agencies noted above, and laboratory results from the sampling program. If additional information becomes available then S&EC reserves the right to review the data and adjust our opinions accordingly.

Again, Soil & Environmental Consultants, PA, is pleased to be of service in your plans for the use of this property, and we look forward to assisting in any site analysis needs you may have in the future. As already stated please feel free to call with any questions or comments.

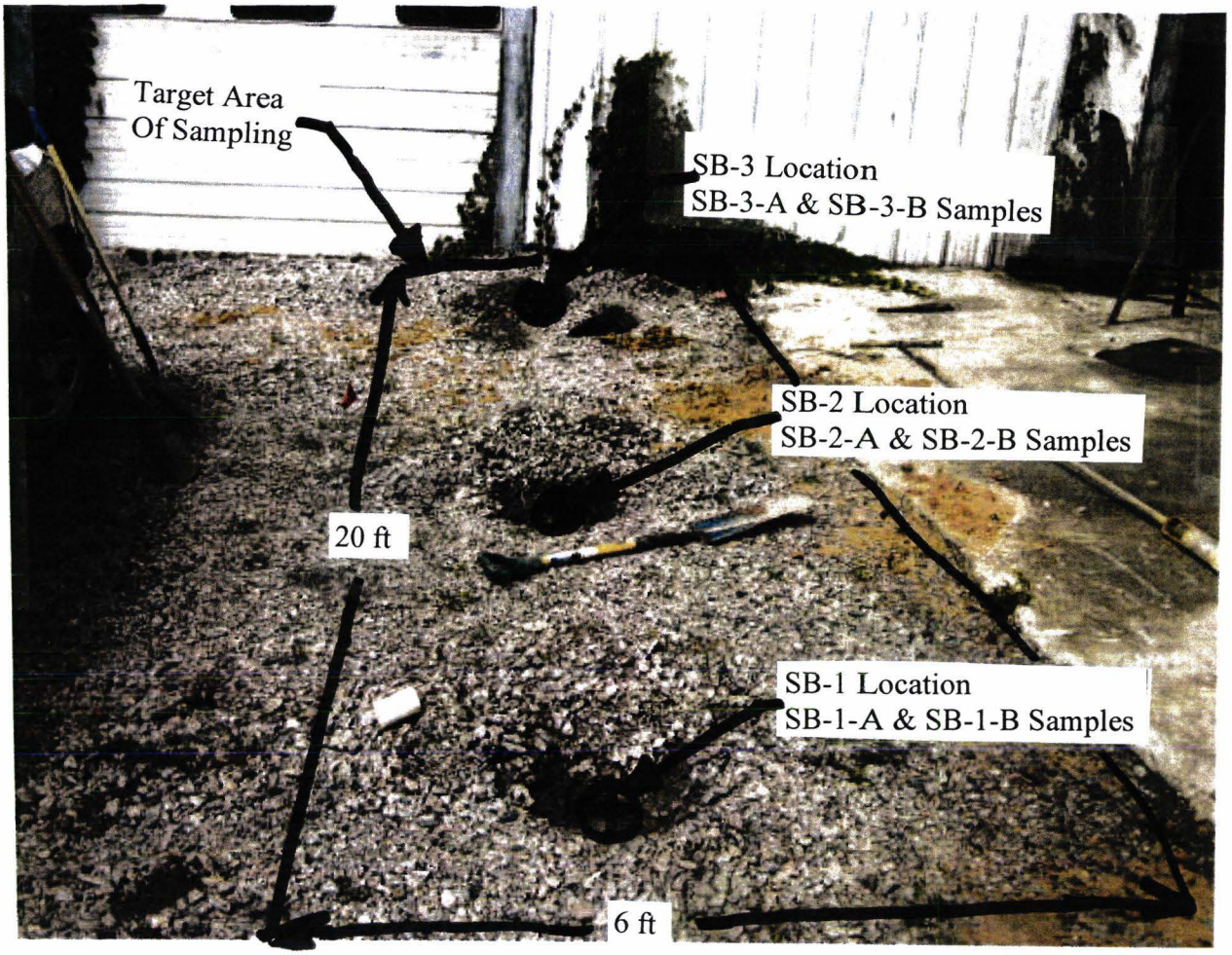
Sincerely,
Soil & Environmental Consultants, PA

Thomas V. Honeycutt, Jr.,
NC Professional Engineer

Donald Wells, Hydrologist
NC Licensed Soil Scientist

Thomas V. Honeycutt Jr.
8-24-12

NORTH CAROLINA PROFESSIONAL SEAL 014 ENGINEER THOMAS V. HONEYCUTT, JR.



Wrenn's Salvage Yard
Soil Sample location
Franklin County, NC

Project #: 11876.G1	Scale: NTS	Figure 1 – Soil Sample Location Map, Target Area	S&EC
Project Mgr.: DW	Date: 8-1-12		

Soil & Environmental Consultants, PA
11010 Raven Ridge Rd.▪ Raleigh, NC 27614
(919) 846-5900 ▪ (919) 846-9467
Web Page: www.SandEC.com

DOCUMENTARY SITE PHOTOGRAPH

Site Photo 1: View of oil stained soil that was excavated and now stored on-site

ATTACHMENT 1

S&EC'S SCOPE OF WORK

Scope of work for Phase II Sampling Assessment

March 1, 2012

Project: Wrenn's Salvage Yard, Louisburg, NC.

Dear Mr. Keith Wrenn:

As per our discussion and a site meeting with you and the State, North Carolina Department Environment and Natural Resources (NCDENR), Soil & Environmental Consultants, PA (S&EC) has prepared a cost estimate for performing a limited Phase II Sampling and Assessment of the area where the used oil was stored and spilled. According to information provided by you, approximately 4 to 5 inches of oil stained soil was removed and stored on plastic. Then the contractor excavated down to 4 or 5 ft below land surface to visually evaluate the soils for staining, odor, etc. No visual observations of contamination were noted by the contractor and this soil material was placed back into the pit, lightly compacted and covered with gravel. The area in question is approximately 6 ft by 20 ft and is located by the building, just outside of the covered shed portion. Listed below are the duties that S&EC is proposing with an estimated time frame.

In this area, S&EC will perform 3 shallow ($\leq$ 8 ft) soil borings and will physically view the soil profile and describe the material and note if obvious soil contamination is encountered. S&EC will collect 6 soil samples from these locations at depths of 3 ft and 6 ft deep. The first set of samples will be in the soil that was excavated and put back into the pit, then second set of samples will be in the natural soil or the not recently excavated soils.

These soil samples will be analyzed by some of the analytical methods noted in Table 2 from the "UST Section Guidelines for the Investigation and Remediation of Contamination from Non-UST Petroleum Releases" dated July 1, 2007. Each soil sample will be analyzed at a State approved lab for; EPA Method 8260 (volatile organics) and EPA Method 8270 (semi-volatile organic) compounds, EPA Method 9071B (Oil & Grease) and EPA Method 6010B (Total 8 RCRA Metals). Based on the results from the total metals, an additional TCLP metals analysis may be needed.

Depending on the results (and hold time) from the first run of samples will determine if the second set will be analyzed. If the first samples test clean (no detection or less than regulatory standard for metals) then we may not have to run the TCLP metals. The lab results will be emailed to and discussed with the State.

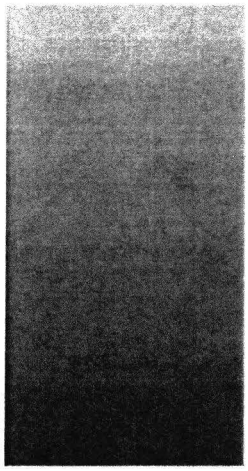
These lab test methods and the visual assessment will provide specific information about the suspected contaminated soil area. This proposal assumes that S&EC can perform the investigation utilizing hand augers. If hand auguring is not possible because of large buried materials (i.e. large concrete, asphalt, etc) then the investigation may require heavy equipment. S&EC will notify you if this situation is encountered. S&EC will address the procedures and the results of this investigation in a Phase II Sampling Report. However, after this assessment additional site testing could be recommended based on our findings. S&EC will provide a copy of the lab results and a map of the sample locations.

ATTACHMENT 2

Soil Sample Lab Results

Southeast ACCUTEST LABORATORIES

06/12/12



Technical Report for

Soil & Environmental Consultants

Wrenns; Franklin County, NC

11876.G1

Accutest Job Number: F93520

Sampling Dates: 05/24/12 - 05/25/12

Report to:

Soil & Environmental Consultants

dwells@sandec.com

ATTN: Don Wells

Total number of pages in report: **89**

ACCREDITED IN ACCORDANCE WITH nelac

Test results contained within this data package meet the requirements of the National Environmental Laboratory Accreditation Conference and/or state specific certification programs as applicable.

Harry Behzadi, Ph.D.
Laboratory Director

Client Service contact: Heather Wandrey 407-425-6700

Certifications: FL (E83510), LA (03051), KS (E-10327), IA (366), IL (200063), NC (573), NJ (FL002), SC (96038001) DoD ELAP (L-A-B L2229), CA (04226CA), TX (T104704404), AK, AR, GA, KY, MA, NV, OK, UT, VA, WA, WI

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Test results relate only to samples analyzed.

Accutest Laboratories is the sole authority for authorizing edits or modifications to this document. Unauthorized modification of this report is strictly prohibited.

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Sample Summary

Soil & Environmental Consultants

Job No: F93520

Wrenns; Franklin County, NC
Project No: 11876.G1

Sample Number	Collected Date	Time By	Received	Matrix Code	Matrix Type	Client Sample ID
F93520-1	05/24/12	12:45 DW	05/26/12	SO	Soil	SB-1-A
F93520-2	05/25/12	12:15 DW	05/26/12	SO	Soil	SB-1-B
F93520-3	05/24/12	14:00 DW	05/26/12	SO	Soil	SB-2-A
F93520-4	05/25/12	11:20 DW	05/26/12	SO	Soil	SB-2-B
F93520-5	05/25/12	09:15 DW	05/26/12	SO	Soil	SB-3-A
F93520-6	05/25/12	10:15 DW	05/26/12	SO	Soil	SB-3-B

Soil samples reported on a dry weight basis unless otherwise indicated on result page.

Southeast ACCUTEST LABORATORIES

Sample Results

Report of Analysis

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-A		
Lab Sample ID:	F93520-1	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	74.9
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0080155.D	1	05/29/12	EP	n/a	n/a	VG2963
Run #2							

	Initial Weight
Run #1	6.05 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.055	0.022	mg/kg	
71-43-2	Benzene	ND	0.0055	0.0017	mg/kg	
108-86-1	Bromobenzene	ND	0.0055	0.0015	mg/kg	
74-97-5	Bromochloromethane	ND	0.0055	0.0015	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0055	0.0012	mg/kg	
75-25-2	Bromoform	ND	0.0055	0.0017	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0055	0.0014	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0055	0.0018	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0055	0.0013	mg/kg	
108-90-7	Chlorobenzene	ND	0.0055	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0055	0.0022	mg/kg	
67-66-3	Chloroform	ND	0.0055	0.0013	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0055	0.0013	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0055	0.0013	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0055	0.0020	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0055	0.0012	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0055	0.0015	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0055	0.0014	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0055	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0055	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0055	0.0013	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0055	0.0011	mg/kg	
108-20-3	Di-Isopropyl ether	ND	0.0055	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0055	0.0015	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0055	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0055	0.0017	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0055	0.0017	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0055	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0055	0.0013	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0055	0.0012	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0055	0.0012	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0055	0.0017	mg/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a com

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-A		
Lab Sample ID:	F93520-1	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	74.9
Project:	Wrenns; Franklin County, NC		

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0055	0.0012	mg/kg	
100-41-4	Ethylbenzene	ND	0.0055	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.028	0.0060	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0055	0.0012	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0055	0.0013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.028	0.0061	mg/kg	
74-83-9	Methyl bromide	ND	0.0055	0.0022	mg/kg	
74-87-3	Methyl chloride	ND	0.0055	0.0022	mg/kg	
75-09-2	Methylene chloride	ND	0.011	0.0051	mg/kg	
78-93-3	Methyl ethyl ketone	ND	0.028	0.0067	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0055	0.0022	mg/kg	
91-20-3	Naphthalene	ND	0.0055	0.0022	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0055	0.0015	mg/kg	
100-42-5	Styrene	ND	0.0055	0.0029	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0055	0.0012	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0055	0.0013	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0055	0.0012	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0055	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0055	0.0019	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0055	0.0013	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0055	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0055	0.0014	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0055	0.0011	mg/kg	
108-88-3	Toluene	ND	0.0055	0.0013	mg/kg	
79-01-6	Trichloroethylene	ND	0.0055	0.0013	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0055	0.0022	mg/kg	
75-01-4	Vinyl chloride	ND	0.0055	0.0017	mg/kg	
108-05-4	Vinyl Acetate	ND	0.028	0.015	mg/kg	
1330-20-7	Xylene (total)	ND	0.017	0.0035	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	81%		80-121%
2037-26-5	Toluene-D8	99%		71-130%
460-00-4	4-Bromofluorobenzene	102%		59-148%
17060-07-0	1,2-Dichloroethane-D4	89%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-A		
Lab Sample ID:	F93520-1	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	74.9
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L057549.D	1	05/30/12	FS	05/29/12	OP41986	SL2933
Run #2							

	Initial Weight	Final Volume
Run #1	29.7 g	1.0 ml
Run #2		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	1.1	0.40	mg/kg	
95-57-8	2-Chlorophenol	ND	0.22	0.022	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.22	0.022	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.22	0.022	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.22	0.028	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.1	0.45	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.45	0.090	mg/kg	
95-48-7	2-Methylphenol	ND	0.22	0.022	mg/kg	
	3&4-Methylphenol	ND	0.22	0.032	mg/kg	
88-75-5	2-Nitrophenol	ND	0.22	0.022	mg/kg	
100-02-7	4-Nitrophenol	ND	1.1	0.18	mg/kg	
87-86-5	Pentachlorophenol	ND	1.1	0.27	mg/kg	
108-95-2	Phenol	ND	0.22	0.022	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.22	0.022	mg/kg	
83-32-9	Acenaphthene	ND	0.22	0.022	mg/kg	
208-96-8	Acenaphthylene	ND	0.22	0.022	mg/kg	
120-12-7	Anthracene	ND	0.22	0.022	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.22	0.022	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.22	0.022	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.22	0.022	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.22	0.022	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.22	0.022	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.22	0.022	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.22	0.045	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.22	0.045	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.22	0.045	mg/kg	
106-47-8	4-Chloroaniline	ND	0.22	0.022	mg/kg	
218-01-9	Chrysene	ND	0.22	0.022	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.22	0.022	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.22	0.022	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.22	0.022	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.22	0.022	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-A		
Lab Sample ID:	F93520-1	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	74.9
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	0.22	0.045	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.22	0.022	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.22	0.045	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.22	0.045	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.22	0.022	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.22	0.027	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.45	0.045	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.22	0.022	mg/kg	
132-64-9	Dibenzofuran	ND	0.22	0.022	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.45	0.090	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.22	0.045	mg/kg	
84-66-2	Diethyl phthalate	ND	0.45	0.090	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.22	0.045	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.45	0.090	mg/kg	
206-44-0	Fluoranthene	ND	0.22	0.022	mg/kg	
86-73-7	Fluorene	ND	0.22	0.022	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.22	0.022	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.22	0.045	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.22	0.099	mg/kg	
67-72-1	Hexachloroethane	ND	0.22	0.045	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.22	0.022	mg/kg	
78-59-1	Isophorone	ND	0.22	0.022	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.22	0.022	mg/kg	
91-20-3	Naphthalene	ND	0.22	0.036	mg/kg	
98-95-3	Nitrobenzene	ND	0.22	0.022	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.22	0.022	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.22	0.022	mg/kg	
85-01-8	Phenanthrene	ND	0.22	0.022	mg/kg	
129-00-0	Pyrene	ND	0.22	0.022	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.22	0.022	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		40-102%
4165-62-2	Phenol-d5	84%		41-100%
118-79-6	2,4,6-Tribromophenol	83%		42-108%
4165-60-0	Nitrobenzene-d5	74%		40-105%
321-60-8	2-Fluorobiphenyl	76%		43-107%
1718-51-0	Terphenyl-d14	93%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-A		
Lab Sample ID:	F93520-1	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	74.9
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	mg/kg	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-A		
Lab Sample ID:	F93520-1	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	74.9
Project:	Wrenns; Franklin County, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	1.6	0.65	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Barium	47.5	13	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Cadmium	< 0.26	0.26	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Chromium	12.3	0.65	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Lead	12.8	1.3	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Mercury	< 0.11	0.11	mg/kg	1	05/30/12	05/30/12	JL	SW846 7471B [1]	SW846 7471B [3]
Selenium	< 1.3	1.3	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.65	0.65	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA9825
(2) Instrument QC Batch: MA9831
(3) Prep QC Batch: MP22907
(4) Prep QC Batch: MP22918

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-A		
Lab Sample ID:	F93520-1	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	74.9
Project:	Wrenns; Franklin County, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 270	270	mg/kg	1	06/05/12	AR	SW846 9071B
Solids, Percent	74.9		%	1	05/26/12	JA	SM19 2540G

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-B		
Lab Sample ID:	F93520-2	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	83.2
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0080156.D	1	05/29/12	EP	n/a	n/a	VG2963
Run #2							

	Initial Weight
Run #1	5.37 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.056	0.022	mg/kg	
71-43-2	Benzene	ND	0.0056	0.0017	mg/kg	
108-86-1	Bromobenzene	ND	0.0056	0.0016	mg/kg	
74-97-5	Bromochloromethane	ND	0.0056	0.0016	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0056	0.0012	mg/kg	
75-25-2	Bromoform	ND	0.0056	0.0017	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0056	0.0015	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0056	0.0018	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0056	0.0013	mg/kg	
108-90-7	Chlorobenzene	ND	0.0056	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0056	0.0022	mg/kg	
67-66-3	Chloroform	ND	0.0056	0.0013	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0056	0.0013	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0056	0.0013	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0056	0.0020	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0056	0.0012	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0056	0.0016	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0056	0.0015	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0056	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0056	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0056	0.0013	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0056	0.0011	mg/kg	
108-20-3	Di-Isopropyl ether	ND	0.0056	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0056	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0056	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0056	0.0017	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0056	0.0017	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0056	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0056	0.0013	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0056	0.0012	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0056	0.0012	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0056	0.0017	mg/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-B		
Lab Sample ID:	F93520-2	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	83.2
Project:	Wrenns; Franklin County, NC		

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0056	0.0012	mg/kg	
100-41-4	Ethylbenzene	ND	0.0056	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.028	0.0060	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0056	0.0012	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0056	0.0013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.028	0.0062	mg/kg	
74-83-9	Methyl bromide	ND	0.0056	0.0022	mg/kg	
74-87-3	Methyl chloride	ND	0.0056	0.0022	mg/kg	
75-09-2	Methylene chloride	ND	0.011	0.0051	mg/kg	
78-93-3	Methyl ethyl ketone	ND	0.028	0.0068	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0056	0.0022	mg/kg	
91-20-3	Naphthalene	ND	0.0056	0.0022	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0056	0.0016	mg/kg	
100-42-5	Styrene	ND	0.0056	0.0029	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0056	0.0012	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0056	0.0013	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0056	0.0012	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0056	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0056	0.0019	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0056	0.0013	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0056	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0056	0.0015	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0056	0.0011	mg/kg	
108-88-3	Toluene	ND	0.0056	0.0013	mg/kg	
79-01-6	Trichloroethylene	ND	0.0056	0.0013	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0056	0.0022	mg/kg	
75-01-4	Vinyl chloride	ND	0.0056	0.0017	mg/kg	
108-05-4	Vinyl Acetate	ND	0.028	0.016	mg/kg	
1330-20-7	Xylene (total)	ND	0.017	0.0036	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	83%		80-121%
2037-26-5	Toluene-D8	97%		71-130%
460-00-4	4-Bromofluorobenzene	102%		59-148%
17060-07-0	1,2-Dichloroethane-D4	91%		77-123%

ND = Not detected MDL - Method Detection Limit
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B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-B		
Lab Sample ID:	F93520-2	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	83.2
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X023712.D	1	05/31/12	FS	05/29/12	OP41986	SX1154
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	1.0	0.35	mg/kg	
95-57-8	2-Chlorophenol	ND	0.20	0.020	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.20	0.020	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.20	0.020	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.20	0.025	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.40	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.40	0.080	mg/kg	
95-48-7	2-Methylphenol	ND	0.20	0.020	mg/kg	
	3&4-Methylphenol	ND	0.20	0.029	mg/kg	
88-75-5	2-Nitrophenol	ND	0.20	0.020	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.16	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.24	mg/kg	
108-95-2	Phenol	ND	0.20	0.020	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.20	0.020	mg/kg	
83-32-9	Acenaphthene	ND	0.20	0.020	mg/kg	
208-96-8	Acenaphthylene	ND	0.20	0.020	mg/kg	
120-12-7	Anthracene	ND	0.20	0.020	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.20	0.020	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.20	0.020	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.020	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.020	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.020	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.20	0.020	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.20	0.040	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.20	0.040	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.20	0.040	mg/kg	
106-47-8	4-Chloroaniline	ND	0.20	0.020	mg/kg	
218-01-9	Chrysene	ND	0.20	0.020	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.20	0.020	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.20	0.020	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.20	0.020	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.20	0.020	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-B		
Lab Sample ID:	F93520-2	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	83.2
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	0.20	0.040	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.20	0.020	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.20	0.040	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.20	0.040	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.20	0.020	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.20	0.024	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.40	0.040	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.020	mg/kg	
132-64-9	Dibenzofuran	ND	0.20	0.020	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.40	0.080	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.20	0.040	mg/kg	
84-66-2	Diethyl phthalate	ND	0.40	0.080	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.20	0.040	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.40	0.080	mg/kg	
206-44-0	Fluoranthene	ND	0.20	0.020	mg/kg	
86-73-7	Fluorene	ND	0.20	0.020	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.20	0.020	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.20	0.040	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.20	0.088	mg/kg	
67-72-1	Hexachloroethane	ND	0.20	0.040	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.020	mg/kg	
78-59-1	Isophorone	ND	0.20	0.020	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.20	0.020	mg/kg	
91-20-3	Naphthalene	ND	0.20	0.032	mg/kg	
98-95-3	Nitrobenzene	ND	0.20	0.020	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.20	0.020	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.20	0.020	mg/kg	
85-01-8	Phenanthrene	ND	0.20	0.020	mg/kg	
129-00-0	Pyrene	ND	0.20	0.020	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	73%		40-102%
4165-62-2	Phenol-d5	92%		41-100%
118-79-6	2,4,6-Tribromophenol	85%		42-108%
4165-60-0	Nitrobenzene-d5	77%		40-105%
321-60-8	2-Fluorobiphenyl	77%		43-107%
1718-51-0	Terphenyl-d14	92%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-B		
Lab Sample ID:	F93520-2	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	83.2
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
117-84-0	Di-n-octyl phthalate	16.66	.26	mg/kg	JN
28553-12-0	1,2-Benzenedicarboxylic acid, diisononyl	16.79	.23	mg/kg	JN
85-69-8	1,2-Benzenedicarboxylic acid, butyl 2-et	16.83	.28	mg/kg	JN
89-18-9	1,2-Benzenedicarboxylic acid, butyl 8-me	16.96	.55	mg/kg	JN
131-16-8	1,2-Benzenedicarboxylic acid, dipropyl e	17.02	.22	mg/kg	JN
88216-58-4	1,2-Benzenedicarboxylic acid, heptyl oct	17.11	.49	mg/kg	JN
131-18-0	1,2-Benzenedicarboxylic acid, dipentyl e	17.15	.25	mg/kg	JN
84-69-5	1,2-Benzenedicarboxylic acid, bis(2-meth	17.25	.41	mg/kg	JN
3648-21-3	1,2-Benzenedicarboxylic acid, diheptyl e	17.29	.25	mg/kg	JN
89-18-9	1,2-Benzenedicarboxylic acid, butyl 8-me	17.39	.3	mg/kg	JN
	Total TIC, Semi-Volatile		3.24	mg/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-B		
Lab Sample ID:	F93520-2	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	83.2
Project:	Wrenns; Franklin County, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.41	0.41	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Barium	27.1	8.3	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Cadmium	< 0.17	0.17	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Chromium	2.8	0.41	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Lead	19.2	0.83	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Mercury	< 0.095	0.095	mg/kg	1	05/30/12	05/30/12	JL	SW846 7471B [1]	SW846 7471B [3]
Selenium	< 0.83	0.83	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.41	0.41	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA9825
(2) Instrument QC Batch: MA9831
(3) Prep QC Batch: MP22907
(4) Prep QC Batch: MP22918

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-1-B		
Lab Sample ID:	F93520-2	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	83.2
Project:	Wrenns; Franklin County, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 240	240	mg/kg	1	06/05/12	AR	SW846 9071B
Solids, Percent	83.2		%	1	05/26/12	JA	SM19 2540G

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-A		
Lab Sample ID:	F93520-3	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	82.7
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0080157.D	1	05/29/12	EP	n/a	n/a	VG2963
Run #2							

	Initial Weight
Run #1	5.95 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.051	0.020	mg/kg	
71-43-2	Benzene	ND	0.0051	0.0015	mg/kg	
108-86-1	Bromobenzene	ND	0.0051	0.0014	mg/kg	
74-97-5	Bromochloromethane	ND	0.0051	0.0014	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0051	0.0011	mg/kg	
75-25-2	Bromoform	ND	0.0051	0.0015	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0051	0.0013	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0051	0.0016	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0051	0.0012	mg/kg	
108-90-7	Chlorobenzene	ND	0.0051	0.0010	mg/kg	
75-00-3	Chloroethane	ND	0.0051	0.0020	mg/kg	
67-66-3	Chloroform	ND	0.0051	0.0012	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0051	0.0012	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0051	0.0012	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0051	0.0018	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0051	0.0011	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0051	0.0014	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0051	0.0013	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0051	0.0010	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0051	0.0010	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0051	0.0012	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0051	0.0010	mg/kg	
108-20-3	Di-Isopropyl ether	ND	0.0051	0.0010	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0051	0.0014	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0051	0.0010	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0051	0.0015	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0051	0.0015	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0051	0.0010	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0051	0.0012	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0051	0.0011	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0051	0.0011	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0051	0.0015	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-A		
Lab Sample ID:	F93520-3	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	82.7
Project:	Wrenns; Franklin County, NC		

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0051	0.0011	mg/kg	
100-41-4	Ethylbenzene	ND	0.0051	0.0010	mg/kg	
591-78-6	2-Hexanone	ND	0.025	0.0055	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0051	0.0011	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0051	0.0012	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.025	0.0056	mg/kg	
74-83-9	Methyl bromide	ND	0.0051	0.0020	mg/kg	
74-87-3	Methyl chloride	ND	0.0051	0.0020	mg/kg	
75-09-2	Methylene chloride	ND	0.010	0.0047	mg/kg	
78-93-3	Methyl ethyl ketone	ND	0.025	0.0062	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0051	0.0020	mg/kg	
91-20-3	Naphthalene	ND	0.0051	0.0020	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0051	0.0014	mg/kg	
100-42-5	Styrene	ND	0.0051	0.0026	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0051	0.0011	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0051	0.0012	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0051	0.0011	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0051	0.0010	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0051	0.0017	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0051	0.0012	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0051	0.0011	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0051	0.0013	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0051	0.0010	mg/kg	
108-88-3	Toluene	ND	0.0051	0.0012	mg/kg	
79-01-6	Trichloroethylene	ND	0.0051	0.0012	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0051	0.0020	mg/kg	
75-01-4	Vinyl chloride	ND	0.0051	0.0015	mg/kg	
108-05-4	Vinyl Acetate	ND	0.025	0.014	mg/kg	
1330-20-7	Xylene (total)	ND	0.015	0.0033	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	84%		80-121%
2037-26-5	Toluene-D8	96%		71-130%
460-00-4	4-Bromofluorobenzene	102%		59-148%
17060-07-0	1,2-Dichloroethane-D4	91%		77-123%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-A		
Lab Sample ID:	F93520-3	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	82.7
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L057553.D	1	05/30/12	FS	05/29/12	OP41986	SL2933
Run #2							

	Initial Weight	Final Volume
Run #1	30.0 g	1.0 ml
Run #2		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	1.0	0.35	mg/kg	
95-57-8	2-Chlorophenol	ND	0.20	0.020	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.20	0.020	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.20	0.020	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.20	0.025	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.40	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.40	0.081	mg/kg	
95-48-7	2-Methylphenol	ND	0.20	0.020	mg/kg	
	3&4-Methylphenol	ND	0.20	0.029	mg/kg	
88-75-5	2-Nitrophenol	ND	0.20	0.020	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.16	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.24	mg/kg	
108-95-2	Phenol	ND	0.20	0.020	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.20	0.020	mg/kg	
83-32-9	Acenaphthene	ND	0.20	0.020	mg/kg	
208-96-8	Acenaphthylene	ND	0.20	0.020	mg/kg	
120-12-7	Anthracene	ND	0.20	0.020	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.20	0.020	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.20	0.020	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.020	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.020	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.020	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.20	0.020	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.20	0.040	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.20	0.040	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.20	0.040	mg/kg	
106-47-8	4-Chloroaniline	ND	0.20	0.020	mg/kg	
218-01-9	Chrysene	ND	0.20	0.020	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.20	0.020	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.20	0.020	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.20	0.020	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.20	0.020	mg/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-A		
Lab Sample ID:	F93520-3	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	82.7
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	0.20	0.040	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.20	0.020	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.20	0.040	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.20	0.040	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.20	0.020	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.20	0.024	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.40	0.040	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.020	mg/kg	
132-64-9	Dibenzofuran	ND	0.20	0.020	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.40	0.081	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.20	0.040	mg/kg	
84-66-2	Diethyl phthalate	ND	0.40	0.081	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.20	0.040	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.40	0.081	mg/kg	
206-44-0	Fluoranthene	ND	0.20	0.020	mg/kg	
86-73-7	Fluorene	ND	0.20	0.020	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.20	0.020	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.20	0.040	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.20	0.089	mg/kg	
67-72-1	Hexachloroethane	ND	0.20	0.040	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.020	mg/kg	
78-59-1	Isophorone	ND	0.20	0.020	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.20	0.020	mg/kg	
91-20-3	Naphthalene	ND	0.20	0.032	mg/kg	
98-95-3	Nitrobenzene	ND	0.20	0.020	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.20	0.020	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.20	0.020	mg/kg	
85-01-8	Phenanthrene	ND	0.20	0.020	mg/kg	
129-00-0	Pyrene	ND	0.20	0.020	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	71%		40-102%
4165-62-2	Phenol-d5	83%		41-100%
118-79-6	2,4,6-Tribromophenol	85%		42-108%
4165-60-0	Nitrobenzene-d5	73%		40-105%
321-60-8	2-Fluorobiphenyl	73%		43-107%
1718-51-0	Terphenyl-d14	94%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-A		
Lab Sample ID:	F93520-3	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	82.7
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
1330-91-2	Phthalic acid, diisooctyl ester	17.19	.3	mg/kg	JN
28553-12-0	1,2-Benzenedicarboxylic acid, diisononyl	17.33	.22	mg/kg	JN
119-06-2	1,2-Benzenedicarboxylic acid, ditridecyl	17.38	.29	mg/kg	JN
1330-96-7	1,2-Benzenedicarboxylic acid, isodecyl o	17.50	.48	mg/kg	JN
62951-96-6	1,5,9-Undecatriene, 2,6,10-trimethyl-, (	17.66	1.1	mg/kg	JN
25724-58-7	1,2-Benzenedicarboxylic acid, decyl hexy	17.78	.44	mg/kg	JN
2432-90-8	Didodecyl phthalate	17.84	.28	mg/kg	JN
89-18-9	1,2-Benzenedicarboxylic acid, butyl 8-me	17.93	.32	mg/kg	JN
	Total TIC, Semi-Volatile		3.43	mg/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-A		
Lab Sample ID:	F93520-3	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	82.7
Project:	Wrenns; Franklin County, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	< 0.39	0.39	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Barium	22.2	7.8	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Cadmium	< 0.16	0.16	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Chromium	7.8	0.39	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Lead	10.2	0.78	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Mercury	< 0.096	0.096	mg/kg	1	05/30/12	05/30/12	JL	SW846 7471B [1]	SW846 7471B [3]
Selenium	< 0.78	0.78	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.39	0.39	mg/kg	1	05/31/12	05/31/12	LM	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA9825
(2) Instrument QC Batch: MA9831
(3) Prep QC Batch: MP22907
(4) Prep QC Batch: MP22918

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-A		
Lab Sample ID:	F93520-3	**Date Sampled:**	05/24/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	82.7
Project:	Wrenns; Franklin County, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 240	240	mg/kg	1	06/05/12	AR	SW846 9071B
Solids, Percent	82.7		%	1	05/26/12	JA	SM19 2540G

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-B		
Lab Sample ID:	F93520-4	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	78.3
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0080158.D	1	05/29/12	EP	n/a	n/a	VG2963
Run #2							

	Initial Weight
Run #1	6.03 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.053	0.021	mg/kg	
71-43-2	Benzene	ND	0.0053	0.0016	mg/kg	
108-86-1	Bromobenzene	ND	0.0053	0.0015	mg/kg	
74-97-5	Bromochloromethane	ND	0.0053	0.0015	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0053	0.0012	mg/kg	
75-25-2	Bromoform	ND	0.0053	0.0016	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0053	0.0014	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0053	0.0017	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0053	0.0013	mg/kg	
108-90-7	Chlorobenzene	ND	0.0053	0.0011	mg/kg	
75-00-3	Chloroethane	ND	0.0053	0.0021	mg/kg	
67-66-3	Chloroform	ND	0.0053	0.0013	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0053	0.0013	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0053	0.0013	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0053	0.0019	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0053	0.0012	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0053	0.0015	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0053	0.0014	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0053	0.0011	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0053	0.0011	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0053	0.0013	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0053	0.0011	mg/kg	
108-20-3	Di-Isopropyl ether	ND	0.0053	0.0011	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0053	0.0015	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0053	0.0011	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0053	0.0016	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0053	0.0016	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0053	0.0011	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0053	0.0013	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0053	0.0012	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0053	0.0012	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0053	0.0016	mg/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-B		
Lab Sample ID:	F93520-4	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	78.3
Project:	Wrenns; Franklin County, NC		

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0053	0.0012	mg/kg	
100-41-4	Ethylbenzene	ND	0.0053	0.0011	mg/kg	
591-78-6	2-Hexanone	ND	0.026	0.0057	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0053	0.0012	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0053	0.0013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.026	0.0058	mg/kg	
74-83-9	Methyl bromide	ND	0.0053	0.0021	mg/kg	
74-87-3	Methyl chloride	ND	0.0053	0.0021	mg/kg	
75-09-2	Methylene chloride	0.0050	0.011	0.0049	mg/kg	J
78-93-3	Methyl ethyl ketone	ND	0.026	0.0065	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0053	0.0021	mg/kg	
91-20-3	Naphthalene	ND	0.0053	0.0021	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0053	0.0015	mg/kg	
100-42-5	Styrene	ND	0.0053	0.0028	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0053	0.0012	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0053	0.0013	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0053	0.0012	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0053	0.0011	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0053	0.0018	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0053	0.0013	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0053	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0053	0.0014	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0053	0.0011	mg/kg	
108-88-3	Toluene	ND	0.0053	0.0013	mg/kg	
79-01-6	Trichloroethylene	ND	0.0053	0.0013	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0053	0.0021	mg/kg	
75-01-4	Vinyl chloride	ND	0.0053	0.0016	mg/kg	
108-05-4	Vinyl Acetate	ND	0.026	0.015	mg/kg	
1330-20-7	Xylene (total)	ND	0.016	0.0034	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	86%		80-121%
2037-26-5	Toluene-D8	96%		71-130%
460-00-4	4-Bromofluorobenzene	102%		59-148%
17060-07-0	1,2-Dichloroethane-D4	93%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-B		
Lab Sample ID:	F93520-4	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	78.3
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	X023713.D	1	05/31/12	FS	05/29/12	OP41986	SX1154
Run #2							

	Initial Weight	Final Volume
Run #1	30.5 g	1.0 ml
Run #2		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	1.0	0.37	mg/kg	
95-57-8	2-Chlorophenol	ND	0.21	0.021	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.21	0.021	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.21	0.021	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.21	0.026	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.42	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.42	0.084	mg/kg	
95-48-7	2-Methylphenol	ND	0.21	0.021	mg/kg	
	3&4-Methylphenol	ND	0.21	0.030	mg/kg	
88-75-5	2-Nitrophenol	ND	0.21	0.021	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.17	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.25	mg/kg	
108-95-2	Phenol	ND	0.21	0.021	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.21	0.021	mg/kg	
83-32-9	Acenaphthene	ND	0.21	0.021	mg/kg	
208-96-8	Acenaphthylene	ND	0.21	0.021	mg/kg	
120-12-7	Anthracene	ND	0.21	0.021	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.21	0.021	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.21	0.021	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.21	0.021	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.21	0.021	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.21	0.021	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.21	0.021	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.21	0.042	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.21	0.042	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.21	0.042	mg/kg	
106-47-8	4-Chloroaniline	ND	0.21	0.021	mg/kg	
218-01-9	Chrysene	ND	0.21	0.021	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.21	0.021	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.21	0.021	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.21	0.021	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.21	0.021	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-B		
Lab Sample ID:	F93520-4	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	78.3
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	0.21	0.042	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.21	0.021	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.21	0.042	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.21	0.042	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.21	0.021	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.21	0.025	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.42	0.042	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.21	0.021	mg/kg	
132-64-9	Dibenzofuran	ND	0.21	0.021	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.42	0.084	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.21	0.042	mg/kg	
84-66-2	Diethyl phthalate	ND	0.42	0.084	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.21	0.042	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.42	0.084	mg/kg	
206-44-0	Fluoranthene	ND	0.21	0.021	mg/kg	
86-73-7	Fluorene	ND	0.21	0.021	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.21	0.021	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.21	0.042	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.21	0.092	mg/kg	
67-72-1	Hexachloroethane	ND	0.21	0.042	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.21	0.021	mg/kg	
78-59-1	Isophorone	ND	0.21	0.021	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.21	0.021	mg/kg	
91-20-3	Naphthalene	ND	0.21	0.033	mg/kg	
98-95-3	Nitrobenzene	ND	0.21	0.021	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.21	0.021	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.21	0.021	mg/kg	
85-01-8	Phenanthrene	ND	0.21	0.021	mg/kg	
129-00-0	Pyrene	ND	0.21	0.021	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.21	0.021	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	64%		40-102%
4165-62-2	Phenol-d5	80%		41-100%
118-79-6	2,4,6-Tribromophenol	79%		42-108%
4165-60-0	Nitrobenzene-d5	69%		40-105%
321-60-8	2-Fluorobiphenyl	69%		43-107%
1718-51-0	Terphenyl-d14	93%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-B		
Lab Sample ID:	F93520-4	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	78.3
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
	Total TIC, Semi-Volatile [a]		0	mg/kg	

(a) No TICs detected.

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-B		
Lab Sample ID:	F93520-4	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	78.3
Project:	Wrenns; Franklin County, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	0.70	0.41	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Barium	22.4	8.2	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Cadmium	<0.16	0.16	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Chromium	3.9	0.41	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Lead	15.4	0.82	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Mercury	<0.098	0.098	mg/kg	1	05/30/12	05/30/12	JL	SW846 7471B [1]	SW846 7471B [3]
Selenium	<0.82	0.82	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Silver	<0.41	0.41	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA9825
(2) Instrument QC Batch: MA9833
(3) Prep QC Batch: MP22907
(4) Prep QC Batch: MP22926

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-2-B		
Lab Sample ID:	F93520-4	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	78.3
Project:	Wrenns; Franklin County, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 260	260	mg/kg	1	06/05/12	AR	SW846 9071B
Solids, Percent	78.3		%	1	05/26/12	JA	SM19 2540G

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-A		
Lab Sample ID:	F93520-5	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	81.8
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0080159.D	1	05/29/12	EP	n/a	n/a	VG2963
Run #2							

	Initial Weight
Run #1	5.84 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.052	0.021	mg/kg	
71-43-2	Benzene	ND	0.0052	0.0016	mg/kg	
108-86-1	Bromobenzene	ND	0.0052	0.0015	mg/kg	
74-97-5	Bromochloromethane	ND	0.0052	0.0015	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0052	0.0012	mg/kg	
75-25-2	Bromoform	ND	0.0052	0.0016	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0052	0.0014	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0052	0.0017	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0052	0.0013	mg/kg	
108-90-7	Chlorobenzene	ND	0.0052	0.0010	mg/kg	
75-00-3	Chloroethane	ND	0.0052	0.0021	mg/kg	
67-66-3	Chloroform	ND	0.0052	0.0013	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0052	0.0013	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0052	0.0013	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0052	0.0019	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0052	0.0012	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0052	0.0015	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0052	0.0014	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0052	0.0010	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0052	0.0010	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0052	0.0013	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0052	0.0010	mg/kg	
108-20-3	Di-Isopropyl ether	ND	0.0052	0.0010	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0052	0.0015	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0052	0.0010	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0052	0.0016	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0052	0.0016	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0052	0.0010	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0052	0.0013	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0052	0.0012	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0052	0.0012	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0052	0.0016	mg/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-A		
Lab Sample ID:	F93520-5	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	81.8
Project:	Wrenns; Franklin County, NC		

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0052	0.0012	mg/kg	
100-41-4	Ethylbenzene	ND	0.0052	0.0010	mg/kg	
591-78-6	2-Hexanone	ND	0.026	0.0057	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0052	0.0012	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0052	0.0013	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.026	0.0058	mg/kg	
74-83-9	Methyl bromide	ND	0.0052	0.0021	mg/kg	
74-87-3	Methyl chloride	ND	0.0052	0.0021	mg/kg	
75-09-2	Methylene chloride	ND	0.010	0.0048	mg/kg	
78-93-3	Methyl ethyl ketone	ND	0.026	0.0064	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0052	0.0021	mg/kg	
91-20-3	Naphthalene	ND	0.0052	0.0021	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0052	0.0015	mg/kg	
100-42-5	Styrene	ND	0.0052	0.0027	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0052	0.0012	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0052	0.0013	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0052	0.0012	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0052	0.0010	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0052	0.0018	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0052	0.0013	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0052	0.0012	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0052	0.0014	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0052	0.0010	mg/kg	
108-88-3	Toluene	ND	0.0052	0.0013	mg/kg	
79-01-6	Trichloroethylene	ND	0.0052	0.0013	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0052	0.0021	mg/kg	
75-01-4	Vinyl chloride	ND	0.0052	0.0016	mg/kg	
108-05-4	Vinyl Acetate	ND	0.026	0.015	mg/kg	
1330-20-7	Xylene (total)	ND	0.016	0.0033	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	87%		80-121%
2037-26-5	Toluene-D8	94%		71-130%
460-00-4	4-Bromofluorobenzene	100%		59-148%
17060-07-0	1,2-Dichloroethane-D4	103%		77-123%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-A		
Lab Sample ID:	F93520-5	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	81.8
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L057555.D	1	05/30/12	FS	05/29/12	OP41986	SL2933
Run #2							

	Initial Weight	Final Volume
Run #1	29.9 g	1.0 ml
Run #2		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	1.0	0.36	mg/kg	
95-57-8	2-Chlorophenol	ND	0.20	0.020	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.20	0.020	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.20	0.020	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.20	0.026	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.41	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.41	0.082	mg/kg	
95-48-7	2-Methylphenol	ND	0.20	0.020	mg/kg	
	3&4-Methylphenol	ND	0.20	0.029	mg/kg	
88-75-5	2-Nitrophenol	ND	0.20	0.020	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.16	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.25	mg/kg	
108-95-2	Phenol	ND	0.20	0.020	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.20	0.020	mg/kg	
83-32-9	Acenaphthene	ND	0.20	0.020	mg/kg	
208-96-8	Acenaphthylene	ND	0.20	0.020	mg/kg	
120-12-7	Anthracene	ND	0.20	0.020	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.20	0.020	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.20	0.020	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.020	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.020	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.020	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.20	0.020	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.20	0.041	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.20	0.041	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.20	0.041	mg/kg	
106-47-8	4-Chloroaniline	ND	0.20	0.020	mg/kg	
218-01-9	Chrysene	ND	0.20	0.020	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.20	0.020	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.20	0.020	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.20	0.020	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.20	0.020	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-A		
Lab Sample ID:	F93520-5	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	81.8
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	0.20	0.041	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.20	0.020	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.20	0.041	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.20	0.041	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.20	0.020	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.20	0.024	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.41	0.041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.020	mg/kg	
132-64-9	Dibenzofuran	ND	0.20	0.020	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.41	0.082	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.20	0.041	mg/kg	
84-66-2	Diethyl phthalate	ND	0.41	0.082	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.20	0.041	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.41	0.082	mg/kg	
206-44-0	Fluoranthene	ND	0.20	0.020	mg/kg	
86-73-7	Fluorene	ND	0.20	0.020	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.20	0.020	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.20	0.041	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.20	0.090	mg/kg	
67-72-1	Hexachloroethane	ND	0.20	0.041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.020	mg/kg	
78-59-1	Isophorone	ND	0.20	0.020	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.20	0.020	mg/kg	
91-20-3	Naphthalene	ND	0.20	0.033	mg/kg	
98-95-3	Nitrobenzene	ND	0.20	0.020	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.20	0.020	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.20	0.020	mg/kg	
85-01-8	Phenanthrene	ND	0.20	0.020	mg/kg	
129-00-0	Pyrene	ND	0.20	0.020	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	69%		40-102%
4165-62-2	Phenol-d5	82%		41-100%
118-79-6	2,4,6-Tribromophenol	82%		42-108%
4165-60-0	Nitrobenzene-d5	73%		40-105%
321-60-8	2-Fluorobiphenyl	71%		43-107%
1718-51-0	Terphenyl-d14	92%		45-119%

ND = Not detected MDL - Method Detection Limit
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E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-A		
Lab Sample ID:	F93520-5	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	81.8
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
89-18-9	1,2-Benzenedicarboxylic acid, butyl 8-me	17.19	.29	mg/kg	JN
28553-12-0	1,2-Benzenedicarboxylic acid, diisononyl	17.33	.31	mg/kg	JN
1330-91-2	Phthalic acid, diisooctyl ester	17.38	.33	mg/kg	JN
1330-96-7	1,2-Benzenedicarboxylic acid, isodecyl o	17.50	.68	mg/kg	JN
146-50-9	1,2-Benzenedicarboxylic acid, bis(4-meth	17.55	.29	mg/kg	JN
88216-58-4	1,2-Benzenedicarboxylic acid, heptyl oct	17.65	.6	mg/kg	JN
85-69-8	1,2-Benzenedicarboxylic acid, butyl 2-et	17.69	.35	mg/kg	JN
25724-58-7	1,2-Benzenedicarboxylic acid, decyl hexy	17.78	.6	mg/kg	JN
1000161-14-6	2,4,7-Trioxabicyclo[4.4.0]dec-9-ene, 8-d	17.84	.34	mg/kg	JN
3648-21-3	1,2-Benzenedicarboxylic acid, diheptyl e	17.93	.38	mg/kg	JN
	Total TIC, Semi-Volatile		4.17	mg/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-A		
Lab Sample ID:	F93520-5	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	81.8
Project:	Wrenns; Franklin County, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	0.56	0.47	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Barium	28.7	9.4	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Cadmium	< 0.19	0.19	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Chromium	6.0	0.47	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Lead	15.1	0.94	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Mercury	< 0.099	0.099	mg/kg	1	05/30/12	05/30/12	JL	SW846 7471B [1]	SW846 7471B [3]
Selenium	< 0.94	0.94	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.47	0.47	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA9825
(2) Instrument QC Batch: MA9833
(3) Prep QC Batch: MP22907
(4) Prep QC Batch: MP22926

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-A		
Lab Sample ID:	F93520-5	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	81.8
Project:	Wrenns; Franklin County, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 250	250	mg/kg	1	06/05/12	AR	SW846 9071B
Solids, Percent	81.8		%	1	05/26/12	JA	SM19 2540G

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-B		
Lab Sample ID:	F93520-6	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	80.3
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	G0080160.D	1	05/29/12	EP	n/a	n/a	VG2963
Run #2							

	Initial Weight
Run #1	5.34 g
Run #2	

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
67-64-1	Acetone	ND	0.058	0.023	mg/kg	
71-43-2	Benzene	ND	0.0058	0.0017	mg/kg	
108-86-1	Bromobenzene	ND	0.0058	0.0016	mg/kg	
74-97-5	Bromochloromethane	ND	0.0058	0.0016	mg/kg	
75-27-4	Bromodichloromethane	ND	0.0058	0.0013	mg/kg	
75-25-2	Bromoform	ND	0.0058	0.0017	mg/kg	
104-51-8	n-Butylbenzene	ND	0.0058	0.0015	mg/kg	
135-98-8	sec-Butylbenzene	ND	0.0058	0.0019	mg/kg	
98-06-6	tert-Butylbenzene	ND	0.0058	0.0014	mg/kg	
108-90-7	Chlorobenzene	ND	0.0058	0.0012	mg/kg	
75-00-3	Chloroethane	ND	0.0058	0.0023	mg/kg	
67-66-3	Chloroform	ND	0.0058	0.0014	mg/kg	
95-49-8	o-Chlorotoluene	ND	0.0058	0.0014	mg/kg	
106-43-4	p-Chlorotoluene	ND	0.0058	0.0014	mg/kg	
56-23-5	Carbon tetrachloride	ND	0.0058	0.0021	mg/kg	
75-34-3	1,1-Dichloroethane	ND	0.0058	0.0013	mg/kg	
75-35-4	1,1-Dichloroethylene	ND	0.0058	0.0016	mg/kg	
563-58-6	1,1-Dichloropropene	ND	0.0058	0.0015	mg/kg	
106-93-4	1,2-Dibromoethane	ND	0.0058	0.0012	mg/kg	
107-06-2	1,2-Dichloroethane	ND	0.0058	0.0012	mg/kg	
78-87-5	1,2-Dichloropropane	ND	0.0058	0.0014	mg/kg	
142-28-9	1,3-Dichloropropane	ND	0.0058	0.0012	mg/kg	
108-20-3	Di-Isopropyl ether	ND	0.0058	0.0012	mg/kg	
594-20-7	2,2-Dichloropropane	ND	0.0058	0.0016	mg/kg	
124-48-1	Dibromochloromethane	ND	0.0058	0.0012	mg/kg	
75-71-8	Dichlorodifluoromethane	ND	0.0058	0.0017	mg/kg	
156-59-2	cis-1,2-Dichloroethylene	ND	0.0058	0.0017	mg/kg	
10061-01-5	cis-1,3-Dichloropropene	ND	0.0058	0.0012	mg/kg	
541-73-1	m-Dichlorobenzene	ND	0.0058	0.0014	mg/kg	
95-50-1	o-Dichlorobenzene	ND	0.0058	0.0013	mg/kg	
106-46-7	p-Dichlorobenzene	ND	0.0058	0.0013	mg/kg	
156-60-5	trans-1,2-Dichloroethylene	ND	0.0058	0.0017	mg/kg	

ND = Not detected MDL - Method Detection Limit J = Indicates an estimated value
RL = Reporting Limit B = Indicates analyte found in associated method blank
E = Indicates value exceeds calibration range N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-B		
Lab Sample ID:	F93520-6	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8260B	**Percent Solids:**	80.3
Project:	Wrenns; Franklin County, NC		

VOA List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
10061-02-6	trans-1,3-Dichloropropene	ND	0.0058	0.0013	mg/kg	
100-41-4	Ethylbenzene	ND	0.0058	0.0012	mg/kg	
591-78-6	2-Hexanone	ND	0.029	0.0063	mg/kg	
98-82-8	Isopropylbenzene	ND	0.0058	0.0013	mg/kg	
99-87-6	p-Isopropyltoluene	ND	0.0058	0.0014	mg/kg	
108-10-1	4-Methyl-2-pentanone	ND	0.029	0.0064	mg/kg	
74-83-9	Methyl bromide	ND	0.0058	0.0023	mg/kg	
74-87-3	Methyl chloride	ND	0.0058	0.0023	mg/kg	
75-09-2	Methylene chloride	ND	0.012	0.0054	mg/kg	
78-93-3	Methyl ethyl ketone	ND	0.029	0.0071	mg/kg	
1634-04-4	Methyl Tert Butyl Ether	ND	0.0058	0.0023	mg/kg	
91-20-3	Naphthalene	ND	0.0058	0.0023	mg/kg	
103-65-1	n-Propylbenzene	ND	0.0058	0.0016	mg/kg	
100-42-5	Styrene	ND	0.0058	0.0030	mg/kg	
71-55-6	1,1,1-Trichloroethane	ND	0.0058	0.0013	mg/kg	
79-34-5	1,1,2,2-Tetrachloroethane	ND	0.0058	0.0014	mg/kg	
79-00-5	1,1,2-Trichloroethane	ND	0.0058	0.0013	mg/kg	
87-61-6	1,2,3-Trichlorobenzene	ND	0.0058	0.0012	mg/kg	
96-18-4	1,2,3-Trichloropropane	ND	0.0058	0.0020	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.0058	0.0014	mg/kg	
95-63-6	1,2,4-Trimethylbenzene	ND	0.0058	0.0013	mg/kg	
108-67-8	1,3,5-Trimethylbenzene	ND	0.0058	0.0015	mg/kg	
127-18-4	Tetrachloroethylene	ND	0.0058	0.0012	mg/kg	
108-88-3	Toluene	ND	0.0058	0.0014	mg/kg	
79-01-6	Trichloroethylene	ND	0.0058	0.0014	mg/kg	
75-69-4	Trichlorofluoromethane	ND	0.0058	0.0023	mg/kg	
75-01-4	Vinyl chloride	ND	0.0058	0.0017	mg/kg	
108-05-4	Vinyl Acetate	ND	0.029	0.016	mg/kg	
1330-20-7	Xylene (total)	ND	0.017	0.0037	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
1868-53-7	Dibromofluoromethane	90%		80-121%
2037-26-5	Toluene-D8	93%		71-130%
460-00-4	4-Bromofluorobenzene	104%		59-148%
17060-07-0	1,2-Dichloroethane-D4	95%		77-123%

ND = Not detected MDL - Method Detection Limit
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J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-B		
Lab Sample ID:	F93520-6	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	80.3
Project:	Wrenns; Franklin County, NC		

	File ID	DF	Analyzed	By	Prep Date	Prep Batch	Analytical Batch
Run #1	L057556.D	1	05/30/12	FS	05/29/12	OP41986	SL2933
Run #2							

	Initial Weight	Final Volume
Run #1	30.4 g	1.0 ml
Run #2		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
65-85-0	Benzoic Acid	ND	1.0	0.36	mg/kg	
95-57-8	2-Chlorophenol	ND	0.20	0.020	mg/kg	
59-50-7	4-Chloro-3-methyl phenol	ND	0.20	0.020	mg/kg	
120-83-2	2,4-Dichlorophenol	ND	0.20	0.020	mg/kg	
105-67-9	2,4-Dimethylphenol	ND	0.20	0.026	mg/kg	
51-28-5	2,4-Dinitrophenol	ND	1.0	0.41	mg/kg	
534-52-1	4,6-Dinitro-o-cresol	ND	0.41	0.082	mg/kg	
95-48-7	2-Methylphenol	ND	0.20	0.020	mg/kg	
	3&4-Methylphenol	ND	0.20	0.029	mg/kg	
88-75-5	2-Nitrophenol	ND	0.20	0.020	mg/kg	
100-02-7	4-Nitrophenol	ND	1.0	0.16	mg/kg	
87-86-5	Pentachlorophenol	ND	1.0	0.25	mg/kg	
108-95-2	Phenol	ND	0.20	0.020	mg/kg	
88-06-2	2,4,6-Trichlorophenol	ND	0.20	0.020	mg/kg	
83-32-9	Acenaphthene	ND	0.20	0.020	mg/kg	
208-96-8	Acenaphthylene	ND	0.20	0.020	mg/kg	
120-12-7	Anthracene	ND	0.20	0.020	mg/kg	
56-55-3	Benzo(a)anthracene	ND	0.20	0.020	mg/kg	
50-32-8	Benzo(a)pyrene	ND	0.20	0.020	mg/kg	
205-99-2	Benzo(b)fluoranthene	ND	0.20	0.020	mg/kg	
191-24-2	Benzo(g,h,i)perylene	ND	0.20	0.020	mg/kg	
207-08-9	Benzo(k)fluoranthene	ND	0.20	0.020	mg/kg	
101-55-3	4-Bromophenyl phenyl ether	ND	0.20	0.020	mg/kg	
85-68-7	Butyl benzyl phthalate	ND	0.20	0.041	mg/kg	
100-51-6	Benzyl Alcohol	ND	0.20	0.041	mg/kg	
91-58-7	2-Chloronaphthalene	ND	0.20	0.041	mg/kg	
106-47-8	4-Chloroaniline	ND	0.20	0.020	mg/kg	
218-01-9	Chrysene	ND	0.20	0.020	mg/kg	
111-91-1	bis(2-Chloroethoxy)methane	ND	0.20	0.020	mg/kg	
111-44-4	bis(2-Chloroethyl)ether	ND	0.20	0.020	mg/kg	
108-60-1	bis(2-Chloroisopropyl)ether	ND	0.20	0.020	mg/kg	
7005-72-3	4-Chlorophenyl phenyl ether	ND	0.20	0.020	mg/kg	

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-B		
Lab Sample ID:	F93520-6	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	80.3
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Compound	Result	RL	MDL	Units	Q
95-50-1	1,2-Dichlorobenzene	ND	0.20	0.041	mg/kg	
122-66-7	1,2-Diphenylhydrazine	ND	0.20	0.020	mg/kg	
541-73-1	1,3-Dichlorobenzene	ND	0.20	0.041	mg/kg	
106-46-7	1,4-Dichlorobenzene	ND	0.20	0.041	mg/kg	
121-14-2	2,4-Dinitrotoluene	ND	0.20	0.020	mg/kg	
606-20-2	2,6-Dinitrotoluene	ND	0.20	0.024	mg/kg	
91-94-1	3,3'-Dichlorobenzidine	ND	0.41	0.041	mg/kg	
53-70-3	Dibenzo(a,h)anthracene	ND	0.20	0.020	mg/kg	
132-64-9	Dibenzofuran	ND	0.20	0.020	mg/kg	
84-74-2	Di-n-butyl phthalate	ND	0.41	0.082	mg/kg	
117-84-0	Di-n-octyl phthalate	ND	0.20	0.041	mg/kg	
84-66-2	Diethyl phthalate	ND	0.41	0.082	mg/kg	
131-11-3	Dimethyl phthalate	ND	0.20	0.041	mg/kg	
117-81-7	bis(2-Ethylhexyl)phthalate	ND	0.41	0.082	mg/kg	
206-44-0	Fluoranthene	ND	0.20	0.020	mg/kg	
86-73-7	Fluorene	ND	0.20	0.020	mg/kg	
118-74-1	Hexachlorobenzene	ND	0.20	0.020	mg/kg	
87-68-3	Hexachlorobutadiene	ND	0.20	0.041	mg/kg	
77-47-4	Hexachlorocyclopentadiene	ND	0.20	0.090	mg/kg	
67-72-1	Hexachloroethane	ND	0.20	0.041	mg/kg	
193-39-5	Indeno(1,2,3-cd)pyrene	ND	0.20	0.020	mg/kg	
78-59-1	Isophorone	ND	0.20	0.020	mg/kg	
91-57-6	2-Methylnaphthalene	ND	0.20	0.020	mg/kg	
91-20-3	Naphthalene	ND	0.20	0.033	mg/kg	
98-95-3	Nitrobenzene	ND	0.20	0.020	mg/kg	
621-64-7	N-Nitroso-di-n-propylamine	ND	0.20	0.020	mg/kg	
86-30-6	N-Nitrosodiphenylamine	ND	0.20	0.020	mg/kg	
85-01-8	Phenanthrene	ND	0.20	0.020	mg/kg	
129-00-0	Pyrene	ND	0.20	0.020	mg/kg	
120-82-1	1,2,4-Trichlorobenzene	ND	0.20	0.020	mg/kg	

CAS No.	Surrogate Recoveries	Run# 1	Run# 2	Limits
367-12-4	2-Fluorophenol	57%		40-102%
4165-62-2	Phenol-d5	66%		41-100%
118-79-6	2,4,6-Tribromophenol	71%		42-108%
4165-60-0	Nitrobenzene-d5	57%		40-105%
321-60-8	2-Fluorobiphenyl	60%		43-107%
1718-51-0	Terphenyl-d14	83%		45-119%

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range
J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-B		
Lab Sample ID:	F93520-6	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
Method:	SW846 8270D SW846 3550C	**Percent Solids:**	80.3
Project:	Wrenns; Franklin County, NC		

ABN List for NC

CAS No.	Tentatively Identified Compounds	R.T.	Est. Conc.	Units	Q
89-18-9	1,2-Benzenedicarboxylic acid, butyl 8-me	17.50	.23	mg/kg	JN
	Total TIC, Semi-Volatile		.23	mg/kg	J

ND = Not detected MDL - Method Detection Limit
RL = Reporting Limit
E = Indicates value exceeds calibration range

J = Indicates an estimated value
B = Indicates analyte found in associated method blank
N = Indicates presumptive evidence of a compound

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-B		
Lab Sample ID:	F93520-6	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	80.3
Project:	Wrenns; Franklin County, NC		

Metals Analysis

Analyte	Result	RL	Units	DF	Prep	Analyzed	By	Method	Prep Method
Arsenic	0.52	0.47	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Barium	33.9	9.4	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Cadmium	< 0.19	0.19	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Chromium	3.9	0.47	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Lead	13.9	0.94	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Mercury	< 0.094	0.094	mg/kg	1	05/30/12	05/30/12	JL	SW846 7471B [1]	SW846 7471B [3]
Selenium	< 0.94	0.94	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]
Silver	< 0.47	0.47	mg/kg	1	06/01/12	06/01/12	LM	SW846 6010C [2]	SW846 3050B [4]

(1) Instrument QC Batch: MA9825
(2) Instrument QC Batch: MA9833
(3) Prep QC Batch: MP22907
(4) Prep QC Batch: MP22926

RL = Reporting Limit

Accutest Laboratories

Report of Analysis

Client Sample ID:	SB-3-B		
Lab Sample ID:	F93520-6	**Date Sampled:**	05/25/12
Matrix:	SO - Soil	**Date Received:**	05/26/12
		Percent Solids:	80.3
Project:	Wrenns; Franklin County, NC		

General Chemistry

Analyte	Result	RL	Units	DF	Analyzed	By	Method
HEM Petroleum Hydrocarbons	< 250	250	mg/kg	1	06/05/12	AR	SW846 9071B
Solids, Percent	80.3		%	1	05/26/12	JA	SM19 2540G

RL = Reporting Limit

Southeast ACCUTEST LABORATORIES

Misc. Forms

Custody Documents and Other Forms

Includes the following where applicable:

- Certification Exceptions
- Certification Exceptions (NC)
- Chain of Custody

CHAIN OF CUSTODY

ACCUTEST.

4405 Vineland Rd., Suite C15
Orlando, FL 32811
Phone: 407-425-6700 Fax: 407-425-0707

F93520

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Accutest Job #:

Accutest Control #:

Client Information

Name: SJEC
Address: 11010 Raven Ridge Rd
City: Raleigh State: NC Zip: 27614
Send Report to
Email: DWells@SandEC.com

Facility Information

Project Name: Wrenns
Location: Franklin Co.
Project No.: 11876.G1
Phone #: 919-846-5900
FAX #:

Analytical Information

	Field ID / Point of Collection	Collection Date	Collection Time	Sampled By	Matrix	# of bottles	Preservation: NONE	HCL	HNO3	H2SO4	NaOH	ZN AC	NaHSO4	MeOH	Do the Silica Wash. * TPH-9071B-(O&G)	10 TIC 8270 BNA	8260	6010B-8 RCRA mark		TCLP-8 RCRA mark * (Hold)				
1	SB-1-A	5-24	12:45	DW	S	8									X	X	X	X						
2	SB-1-B	5-25	12:15	DW	S	8									X	X	X	X				RALEIGH, NC		
3	SB-2-A	5-24	2:00	DW	S	8									X	X	X	X						
4	SB-2-B	5-25	11:20	DW	S	8									X	X	X	X				SVC CENTER		
5	SB-3-A	5-25	9:15	DW	S	8									X	X	X	X						
6	SB-3-B	5-25	10:15	DW	S	8									X	X	X	X						

Turnaround Time (Business Days)

Approved By:

- [x] 5-7 Day STD
- [ ] 3 Day *RUSH*
- [ ] Other _____ (Days)

RUSH TAT is by Email only
Data unless previously approved.

Data Deliverable Information

- [ ] Level I (Results only)
- [ ] Level II (Results + QC)
- [ ] Level III (Full Data Package less Raw Data)
- [ ] Level IV (Full Data Package plus Raw Data)
- [ ] EDD

Comments / Remarks

- Do the Silica wash on the 9071B. (O&G) RL = 250 ppm
- Hold the TCLP 8 RCRA Metals soil samples until results from total metals are reviewed

Sample Custody must be documented below each time samples change possession (including courier delivery).

Relinquished By:	Date/Time:	Received By:	Date/Time:	Relinquished By:	Date/Time:	Received By:	Date/Time:
1 [signature]	5-25 3:06	[signature]	5/25/12 3:06			2 [signature]	
3 [signature] 05-26-12	0900	3 [signature]	5-26-12 900	4		4	
5		5					

Lab use only: Custody Seal Intact: YES [ ] NO [ ] Cooler Temperature(s) °C 2.6

F93520: Chain of Custody
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ACCUTEST. LABORATORIES
F93520