

Initial Application Date: _____

Application # _____

COUNTY OF HARNETT DEMOLITION APPLICATION

108 E. Front Street, Lillington, NC 27546 Phone: (910) 893-7525 Fax: (910) 893-2793 www.harnett.org/permits

Land Owner: TSS Enterprises LLC Mailing Address: 6255 Benson Hardee Rd.

City: Benson State: NC Zip: 27504 Home #: 919-875-0700 Contact #: Tim or Susan

APPLICANT: Registers Land Develop LLC Mailing Address: 4414 NC Hwy 53W

City: White Oak State: NC Zip: 28399 Home #: 910 866 4178 Contact #: Ken or Brenda

*Please fill out applicant information if different than landowner
CONTACT NAME APPLYING IN OFFICE: Kenneth M. Register Phone #: 910-874-1950

PROPERTY LOCATION: Subdivision: 199 S. Railroad St Lot 27521 Lot Acreage: 50x150 + 92x100

State Road #: _____ State Road Name: Railroad St

Parcel: _____ PIN: 0690-82-1590-000 Zoning: _____ Flood Zone: _____

SPECIFIC DIRECTIONS TO THE PROPERTY FROM LILLINGTON: _____

Structure(s) to be demolished & removed: Single family dwelling Manufactured Home _____ Other (specify) _____
Structures (existing and/or proposed): Single family dwellings _____ Manufactured Homes _____ Other (specify) _____

Water Supply: () County () Existing Well
Sewage Supply: () Existing Septic Tank () County Sewer

* If a new structure is to be replaced on this lot, please ensure that existing septic system is not damaged.
* If an existing well is on site and is to be discontinued, please contact Harnett County Environmental Health for assistance.

*Upon the issuance of the Certificate of Compliance, the Harnett County Tax Department shall be notified of the removal to ensure proper listing.
*The demolition contractor is responsible for submitting verification of proper disposal prior to the Final inspection.

****PLEASE NOTE**** Failure to completely demolish, remove, and clear the premises will result in the withholding of the Certificate of Compliance. Thus, future permits for the property will be denied, and fines may be imposed for failure to complete demolition/removal.

If permits are granted I agree to conform to all ordinances and laws of the State of North Carolina regulating such work and the specifications of plans submitted. I hereby state that foregoing statements are accurate and correct to the best of my knowledge. Permit subject to revocation if false information is provided.

Brenda M Register
Signature of Owner or Owner's Agent

June - 2007
Date

****This application expires 6 months from the initial date if no permits have been issued****

ENVIRONMENTAL CONCERNS *of Fayetteville, Inc.*

ASBESTOS INSPECTION for the **Planned Demolition** of **199 S. Railroad St.** **Coats, NC**



Inspector:

Rodney D. Sanders, #10237
211 S. Broad St. / P.O. Box 8097
Fayetteville, NC 28301 / 28311

Asbestos Containing Materials WERE NOT Identified by This Inspection

The attached Findings and Recommendations report totals three (3) pages.
There are five (5) pages of supporting documents attached to the report.

ENVIRONMENTAL CONCERNS *of Fayetteville, Inc.*

Findings and Recommendations

PROJECT NAME:	Building Demolition	DATE INSPECTED:	June 3, 2021
PROJECT #:	P0546527	INSPECTED BY:	Rodney D. Sanders
LOCATION:	199 S. Railroad St. Coats, NC	ACCREDITATION NO:	10237

Scope of Inspection:

The purpose of this inspection was to identify any possible asbestos containing materials that may be disturbed by the planned demolition of the house located at 199 S. Railroad St., Coats, North Carolina.

This building is an older single story site built wood frame building over a crawlspace. The building has wood siding and a painted metal roof.

The floors are wood throughout, with sheet flooring present in the living room. Most of the walls and ceiling are covered with gypsum boards. The bathroom has 12" tiles on the ceiling.

There is a pole building at the rear of the property which is wood framing covered with 5V metal. One room in the pole building has a lay-in ceiling.

Materials Suspect for Asbestos:

Suspect materials are defined as materials that are either known to have contained asbestos during past manufacturing or materials for which the possibility of asbestos content is unknown.

For every type of asbestos containing material produced there are similar materials that while they may appear to be the same they do not contain asbestos. Therefore all identified suspect materials must be considered to be asbestos containing until the actual asbestos content is determined or disproved by an approved laboratory. Laboratory analysis must be performed by a qualified microscopist.

Typically any building material used to construct a building can be considered to be suspect for asbestos unless they are known to never have been made with asbestos such as wood fiber products, fiberglass insulations, glass, load bearing concrete, etc. All other suspect building materials are required to be sampled to disprove the possibility of asbestos content.

Asbestos Sampling Requirements:

All asbestos inspections performed in North Carolina must be performed by persons accredited by the State on North Carolina. The area in question is visually inspected to identify materials that are suspect for asbestos. Materials that are considered to be suspect for asbestos are then separated into homogenous areas for sampling. A homogeneous area is an area in which a suspect material has uniform color, texture, age or other characteristics that indicate the continuity of the material.

Samples sufficient to identify or disprove the presence of asbestos are collected from each homogeneous area. Materials that are not considered to be suspect, such as metal, wood, fiberglass, concrete, carpet, etc. are not sampled. Destructive sampling was not performed so any unexpected materials located inside of walls and chases would not be included in this survey.

By regulation if any of the samples collected from a homogeneous area are found to be positive for asbestos, that entire homogeneous material must be considered to be positive for asbestos, unless a determination can be made that the positive sample(s) are not representative of the entire homogenous area. Additional sampling or different analytical techniques could be required to clarifying unusual or unexplained results.

Asbestos Samples Collected:

There were **seven (7)** samples collected during this inspection. Samples are required to be layered during analysis so the laboratory results sometimes will appear to contain additional samples. This is normal and these additional samples are only the different layers that were observed by the laboratory and may be identified in their report by adding letters or descriptions to the sample number assigned by the inspector to indicate analysis of the separate layers. A stop read order was given to laboratory for materials contained in the same homogeneous area. This mean that once a positive result is received and the area determined to asbestos containing the remaining sample are not to be analyzed.

All samples collected were sent to an independent laboratory for analysis by PLM (polarized light microscopy). Laboratory analysis of samples was performed by a qualified microscopist. The **Asbestos Chain of Custody** and the laboratory's **Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy** sheets as well as **Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. Quantitation using 400 Point Count Procedure** are included and should be reviewed to determine where samples were collected and the specific details concerning the sample analysis and reported results.

The limit of detection of asbestos by PLM is about one percent by area; samples containing lower levels of asbestos are not reliably detected by this analytical technique. Current EPA regulations consider materials that contain less than 1% asbestos not to be an asbestos containing material. Such materials would be identified in the **Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy** sheets for information purposes, but would not have to be considered as asbestos containing materials under EPA rules. The laboratory sheets included in the report give a breakdown of each sample's composition. All samples were analyzed by EMSL Analytical, Inc. in Kernersville, NC. The samples were sent to the laboratory via Federal Express.

Findings:

The **seven (7)** samples collected yielded **seven (7)** analytical results.

Based upon a review of the laboratory analysis of the samples collected, asbestos, in a concentration greater than 1%, was not found in any of the materials sampled.

A trace amount of asbestos was found in the composite sample of the gypsum board, but not in a concentration that would require abatement prior to demolition. The demolition contractor should take necessary precautions to prevent their exposure to any airborne asbestos fibers.

Response Recommendations:

As asbestos was not identified by this inspection there will not be a need for abatement and the demolition contractor can proceed with the planned demolition of the structures.

Additional information regarding compliance with the North Carolina regulations for asbestos inspections and the removal and disposal of asbestos containing materials during demolitions in North Carolina can be found online at <http://epi.publichealth.nc.gov/asbestos/demolition.html>. Assistance can also be requested by calling

Findings & Recommendations
199 S. Railroad St.
Coats, NC
Page 3

the NC Department of Health and Human Services, Division of Public Health; Health Hazards Control Unit (HHCU) at (919) 707-5950.

Disclaimer:

Environmental Concerns of Fayetteville, Inc. assumes no liability for ACBM that is not included in this inspection due to their being concealed, inaccessible, beyond the scope of the requested inspection, or not normally considered to be a suspect material.

Environmental Concerns of Fayetteville, Inc. assumes no liability for the condition of the materials before, during or after the inspection.

Compliance with current regulations, by persons using this report to plan demolition activities, is the sole responsibility of those persons and not the responsibility of Environmental Concerns of Fayetteville, Inc.

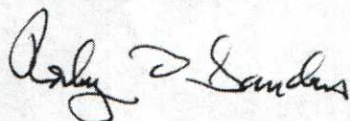
Attachments:

The analytical and credential sheets attached to this report are considered to be an integral part of this report and should not be detached. Persons distributing this report to others should be sure that these attachments are also provided.

Attached to this report should be **one (1)** page for the asbestos chain of custody form which lists the samples collected and **one (1)** page for the asbestos laboratory analytical reports. Following these pages there are credentials for the inspector as well as the analytical laboratory that performed the analysis.

If there are any questions concerning this inspection report or a need for additional assistance please feel free to contact me at (910) 488-1925.

Respectfully Submitted,



Rodney D. Sanders
NC Asbestos Inspector Accreditation # 10237



Asbestos Bulk Building Material Chain of Custody EMSL Order Number *(Lab Use Only)*

EMSL ANALYTICAL, INC.
706 Grain Street
Kernersville, NC 27284
PHONE: (336) 992-1025
FAX: (336) 992-4175

4297

Company : Environmental Concerns of Fayetteville, Inc.		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different <small>If Bill to is Different note instructions in Comments**</small>	
Street: P.O. Box 8097		<i>Third Party Billing requires written authorization from third party</i>	
City: Fayetteville	State/Province: NC	Zip/Postal Code: 28311	Country: USA
Report To (Name): Rodney Sanders		Telephone #: (910) 488-1925	
Email Address: rdsanders1@econcerns.net		Fax #: (910) 488-5345	Purchase Order: PO546527
Project Name/Number: 199 S Railroad St , Coats		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: North Carolina		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input checked="" type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.</small>			
PLM - Bulk (reporting limit)		TEM - Bulk	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NIOSH 9002 (<1%) <input type="checkbox"/> NY ELAP Method 198.1 (friable in NY) <input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY) <input type="checkbox"/> OSHA ID-191 Modified <input type="checkbox"/> Standard Addition Method		<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1 <input type="checkbox"/> NY ELAP Method 198.4 (TEM) <input type="checkbox"/> Chatfield Protocol (semi-quantitative) <input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2 <input type="checkbox"/> TEM Qualitative via Filtration Prep Technique <input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique	
		Other	
		<input type="checkbox"/>	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: June 3, 2021	
Samplers Name: Rodney D. Sanders, Accreditation # 10237		Samplers Signature:	
Sample #	HA #	Sample Location	Material Description
199 -01	1	Exterior - Right Side - First Window	Glazing Compound
199 -02	1	Exterior - Front Porch - Left Window	Glazing Compound
199 -03	2	Interior - Living Room - Right Wall	Gypsum Wallboard - Composite Analysis
199 -04	2	Interior - Dining Room - Ceiling	Gypsum Wallboard - Composite Analysis
199 -05	3	Interior - Bathroom - Ceiling	12" Ceiling Tile
199 -06	4	Interior - Living Room - Floor	Sheet Flooring
199 -07	5	Storage Shed - Ceiling	Lay in Ceiling Tile
Client Sample # (s): 199-01 - 199-07		Total # of Samples: 7	
Relinquished (Client):		Date: June 3, 2021	Time: 5.00 PM
Received (Lab):		Date: 6/4/21	Time: 10:00
Comments/Special Instructions: FX 8165 6375 9169			



EMSL Analytical, Inc.

706 Gralin Street Kernersville, NC 27284
Tel/Fax: (336) 992-1025 / (336) 992-4175
http://www.EMSL.com / greensborolab@emsl.com

EMSL Order: 022104297
Customer ID: ECOF50
Customer PO: PO546527
Project ID:

Attention: Rodney D. Sanders
Environ. Concerns of Fayetteville Inc
PO Box 8097
211 S. Broad Street
Fayetteville, NC 28301
Project: 199 S. Railroad St., Coats

Phone: (910) 488-1925
Fax: (910) 488-5345
Received Date: 06/04/2021 10:00 AM
Analysis Date: 06/07/2021
Collected Date: 06/03/2021

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
199-01 022104297-0001	Glazing Compound	White Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
199-02 022104297-0002	Glazing Compound	Gray Non-Fibrous Homogeneous		10% Ca Carbonate 90% Non-fibrous (Other)	None Detected
199-03 022104297-0003 <i>This is a composite result of gypsum board and joint compound</i>	Gypsum Wallboard- Composite Analysis	Gray/White Fibrous Heterogeneous	15% Cellulose	10% Ca Carbonate 75% Non-fibrous (Other)	None Detected
199-04 022104297-0004 <i>This is a composite result of gypsum board and joint compound</i>	Gypsum Wallboard- Composite Analysis	Gray/Tan Fibrous Heterogeneous	8% Cellulose	5% Ca Carbonate 87% Non-fibrous (Other)	<1% Chrysotile
199-05 022104297-0005	12" Ceiling Tile	Brown/White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (Other)	None Detected
199-06 022104297-0006	Sheet Flooring	Brown Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
199-07 022104297-0007	Lay in Ceiling Tile	White Fibrous Homogeneous	45% Cellulose 15% Glass	20% Perlite 20% Non-fibrous (Other)	None Detected

Analyst(s)

Cameron Evans (2)
Philip Szabo (5)

Stephen Bennett, Laboratory Manager
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. Interpretation and use of test results are the responsibility of the client. This report relates only to the samples reported above, and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. The report reflects the samples as received. Results are generated from the field sampling data (sampling volumes and areas, locations, etc.) provided by the client on the Chain of Custody. Samples are within quality control criteria and met method specifications unless otherwise noted. The above analyses were performed in general compliance with Appendix E to Subpart E of 40 CFR (previously EPA 600/M4-82-020 "Interim Method") but augmented with procedures outlined in the 1993 ("final") version of the method. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Estimation of uncertainty is available on request.

Samples analyzed by EMSL Analytical, Inc. Kernersville, NC NVLAP Lab Code 102104-0, CA ELAP 2689, Virginia 3333-000228, West Virginia LT000321

Initial report from: 06/08/2021 08:29:47



NC DEPARTMENT OF
**HEALTH AND
HUMAN SERVICES**

ROY COOPER • Governor

MANDY COHEN, MD, MPH • Secretary

MARK T. BENTON • Assistant Secretary for Public Health,

Division of Public Health

November 23, 2020

Rodney D Sanders
5579 Lockridge Rd
Fayetteville, NC 28301

Dear Mr. Sanders:

Based upon the review of your accreditation application, the Health Hazards Control Unit (HHCU) has determined that you have fulfilled the requirements and are eligible for asbestos accreditation as a(n) INSPECTOR. Your assigned North Carolina accreditation number is 10237, which is reflected on your enclosed North Carolina Accreditation card. Please be sure to take this card with you to any asbestos work site where you are employed. The State requires that all persons conducting asbestos abatement or asbestos management activities be accredited and have their identification card on site.

Your North Carolina Inspector accreditation will expire on NOVEMBER 30, 2021. It is NOT the policy of the HHCU to issue renewal notices. If you wish to continue working as a(n) Inspector after this expiration date, you must successfully complete the required training and submit a completed application to this office prior to November 30, 2021. If you should continue to perform asbestos management activities as a(n) Inspector without a valid North Carolina accreditation, you will be in violation of State regulations and may be cited for noncompliance.



Rodney D Sanders
5579 Lockridge Rd
Fayetteville, NC 28301

130711

North Carolina
Asbestos Accreditation

EXPIRATION			
11-30-2021			
DOB	SEX	HT	WT
03-19-1953	M	5'11"	260
CLASS	#	EXP	
DESIGNER	40098	09-21	
INSPECTOR	10237	11-21	
MGMT PLANNER	20111	11-21	
SUPERVISOR	30100	09-21	

Sincerely,

Ed Norman
Program Manager
Health Hazards Control Unit

NC DEPARTMENT OF HEALTH AND HUMAN SERVICES • DIVISION OF PUBLIC HEALTH

LOCATION: 5505 Six Forks Road, Building 1, Raleigh, NC 27609
MAILING ADDRESS: 1912 Mail Service Center, Raleigh, NC 27699-1912
www.ncdhhs.gov • TEL: 919-707-5950 • FAX: 919-870-4808

AN EQUAL OPPORTUNITY / AFFIRMATIVE ACTION EMPLOYER

United States Department of Commerce
National Institute of Standards and Technology



Certificate of Accreditation to ISO/IEC 17025:2017

NVLAP LAB CODE: 102104-0

EMSL Analytical, Inc.
Kernersville, NC

*is accredited by the National Voluntary Laboratory Accreditation Program for specific services,
listed on the Scope of Accreditation, for:*

Asbestos Fiber Analysis

*This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2017.
This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality
management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).*

2020-07-01 through 2021-06-30

Effective Dates



For the National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2017

EMSL Analytical, Inc.
706 Gralin Street
Kernersville, NC 27284
Mr. Stephen Bennett
Phone: 336-992-1025 Fax: 336-992-4175
Email: sbennett@emsl.com
<http://www.emsl.com/>

ASBESTOS FIBER ANALYSIS

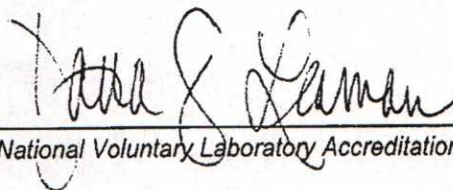
NVLAP LAB CODE 102104-0

Bulk Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A01	EPA -- 40 CFR Appendix E to Subpart E of Part 763, Interim Method of the Determination of Asbestos in Bulk Insulation Samples
18/A03	EPA 600/R-93/116: Method for the Determination of Asbestos in Bulk Building Materials

Airborne Asbestos Analysis

<u>Code</u>	<u>Description</u>
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.



For the National Voluntary Laboratory Accreditation Program