EXHIBIT B – Report for Asbestos Inspection and Universal Waste Assessment Services

July 21, 2014

City of Durham – Utility Engineering Division
1600 Mist Lake Drive
Durham, North Carolina 27704

Attention: Ms. Lori Montgomery, PE via email: Lori.Montgomery@durhamnc.gov
Civil Engineer III

Reference: **Report for Asbestos Inspection and**
Universal Waste Assessment Services
Demolition of Water Management Structures
Nine Parcels near Lake Michie and Other Locations
Bahama and Durham, North Carolina
S&ME Project No. 5358-14-072

Dear Ms. Montgomery:

S&ME, Inc. (S&ME) is pleased to submit this report for Asbestos Inspection and Universal Waste Assessment Services for the City of Durham at the above referenced locations. Our services were provided in general accordance with S&ME Proposal No. 43-1400458 dated May 21, 2014. This report outlines the results of the limited asbestos inspection and universal waste materials assessment, and presents our findings and recommendations.

BACKGROUND INFORMATION

S&ME initial understanding of the project was based upon a telephone conversation between Ms. Lori Montgomery, PE, Civil Engineer III with the City of Durham (the City) and Dennis Forbis of S&ME on May 13, 2014. A series of follow-up telephone conversations and electronic mail exchanges took place from May 13, 2014 through May 16, 2014. One of these electronic mails included an attachment titled, *Request for Proposals for Demolition of Water Management Structures - Department of Water Management, City of Durham, North Carolina, May 2014* (Demolition RFP). Based on this information, we understood that the City was planning to demolish structures on nine parcels owned by the City and located near the Lake Michie reservoir, Brown Water Treatment Plant and the solid waste landfill. The structures were slated for demolition because they were not needed for City operations and create unnecessary maintenance costs. Only eight of the parcels reportedly had remaining above-grade inhabitable structures.

Based on Table 1 the below data was excerpted from the Demolition RFP, the related emails and telephone conversations, we understood the following information about each site, which resulted in the release of our May 21, 2014 proposal:

Table 1. DWM properties identified for demolition and site restoration.

Property Address	PIN	Structures for Inspection
3214 Ellis Chapel Rd Bahama, NC	0858-03-22-7521	House
3124 Ellis Chapel Rd Bahama, NC	0858-03-22-4940	House, Mobile Home, Outbuildings (8)
3414 Pat Tilley Rd Bahama, NC	0848-04-91-3521	House
2621 Roberts Rd Bahama, NC	0847-01-39-4426	House w/basement
110 Saddlebrook Dr Bahama, NC	0848-03-13-1682	House w/basement
7720 Jock Rd Bahama, NC[1]	0847-02-56-5441	None[1]
1507 Goodwin Rd Durham, NC	0835-04-62-5624	House w/basement
1509 Goodwin Rd Durham, NC	0835-04-61-1268	House w/basement
3601 Wishart St Durham, NC	0843-03-43-6969	House, Outbuilding

The City authorized S&ME on June 18, 2014 through a Notice to Proceed for asbestos inspections and Universal Waste assessments to identify building materials that would require special handling prior to demolition of the above-noted structures.

ASBESTOS-CONTAINING MATERIALS (ACM) INSPECTION

Asbestos inspections are required to be conducted prior to demolition/renovation activities according to the Environmental Protection Agency (EPA) regulation 40 CFR, part 61, subpart M, Final Rule National Emissions Standards for Hazardous Air Pollutants (NESHAP). The inspections performed by S&ME for asbestos-suspect materials are limited to those materials that are reasonably accessible at the time of the survey. Suspect materials hidden in pipe chases, behind walls and mechanical equipment, above ceilings, or encased in columns that were not sampled during this survey should be assumed to contain asbestos. Further sampling of suspect materials in these areas, if/when discovered, is recommended in order to confirm the presence or absence of asbestos.

1 Structures already demolished - No asbestos inspection or universal waste assessment proposed for this parcel.

Samples of suspect ACM collected by S&ME employees on June 23 through 27, 2014 and submitted to our Charlotte, North Carolina analytical laboratory. S&ME's asbestos laboratory is accredited under the National Voluntary Laboratory Accreditation Program, NVLAP ID 102075-0. The collected samples were analyzed for asbestos using polarized light microscopy (PLM) coupled with dispersion staining (EPA 600/R-93/116 Method). This technique identifies asbestos fibers based on six unique optical and morphological characteristics: morphology, color, refractive index, extinction angle, signs of elongation and dispersion staining colors. The asbestos sampling tables in **Appendix I** summarize the results of the samples collected. Asbestos content is estimated and expressed as a percent of the total sample. The laboratory analytical reports are included in **Appendix** II and **Appendix III**.

The EPA considers a material to be asbestos-containing if the asbestos content is greater than 1% by weight. Asbestos-containing materials can be classified as friable or non-friable. Friable materials are more susceptible to damage and may potentially release fibers more readily than non-friable materials. Friable materials can be differentiated (from non-friable materials) as they can be readily crushed when dry with moderate hand pressure. Examples of typically friable ACM include ceiling tiles and thermal system insulation. Friable materials that contain asbestos or non-friable asbestos containing materials that are rendered friable by demolition activities are classified as Regulated Asbestos Containing Materials (RACM) under the NESHAP. Under NESHAP non-friable materials are divided into two additional classifications, Category I and Category II. Category I non-friable asbestos-containing material includes asbestos-containing packings, gaskets, resilient floor covering and asphalt roofing products containing more than 1% asbestos. Category II asbestos-containing materials are all other non-friable materials.

Any material found to contain greater than 1% asbestos when analyzed using the EPA 600/R-93/116 Method must be considered to be an asbestos-containing material. If the material contains less than 1% asbestos, as analyzed by this method, it must be presumed to contain asbestos unless the asbestos concentration has been verified by an additional "*Point Count*" analysis. Point Count Analysis may also be conducted for any results that indicate less than 10% asbestos by standard analysis in the event that standard methods returned an erroneously high result. For this project, S&ME's requested the laboratory to perform point count analysis for only gypsum board/joint compound materials.

Asbestos Inspection Findings

Mr. Bob Bryant (NC Inspector No. 10545) and Mr. Mike Cook (NC Inspector No. 12123) of S&ME visited the subject sites on June 24 through 27, 2014 to perform the asbestos inspections. A total of two hundred ten (210) bulk samples, representing seventy-nine (79) homogeneous areas of suspect materials, were collected for asbestos analysis. A homogeneous area refers to suspect ACM that is similar in color, texture, size and apparent construction dates.

The EPA 600/R-93/116 Method mandates independent analysis for each layer of asbestos-suspect material encountered in each sample; therefore some materials sampled required more than one analysis. Examples of suspect ACM consisting of more than one layer would be floor tile samples that contain both tile and mastic and drywall samples that contain both gypsum board and joint compound. A total of two hundred fifty one (251) sample layers were analyzed by the laboratory. The materials sampled during this survey are indicated in the attached Asbestos Sampling Table in **Appendix I**.

Based on laboratory analysis, the following materials were found to contain **greater** than 1% asbestos or were presumed to be asbestos containing:

3214 Ellis Chapel Road, Bahama, NC

- HGA – A, Sprayed-on Textured Ceiling on Main Level of the residence. This material is considered to be a friable asbestos-containing material. The ceiling texture was found to contain 4 percent Chrysotile asbestos. There is approximately 1,200 square feet of this material present.
- HGA – C, Mosaic-pattern Sheet Flooring in the Bathroom (under carpet). This material is considered to be a Category I nonfriable asbestos-containing material. The sheet flooring was found to contain 4 percent Chrysotile asbestos. There is approximately 120 square feet of this material observed to be present.
- HGA – E, Window Glazing Compound used throughout the residence. This material is considered to be a Category II nonfriable asbestos-containing material, containing 2 percent Chrysotile asbestos. The quantity of window glazing compound was not determined as the windows will most likely be removed through component removal prior to demolition. S&ME estimates twelve windows were present in the subject structure.

3124 Ellis Chapel Road, Bahama, NC

Main House

- HGA – C, Sheet Flooring, probably Gold or Yellow in color in the Kitchen (under HGA – B). This material is considered to be a Category I nonfriable asbestos-containing material. The sheet flooring was found to contain 35 percent Chrysotile asbestos. There is approximately 120 square feet of this material observed to be present.
- HGA – D, Mastic and Felt under 9" x 9" Green Floor Tiles, checkered with HGA-E in the Kitchen. This material is considered to be a Category I nonfriable asbestos-containing material. The mastic and felt was found to contain 2 percent Chrysotile asbestos. There is approximately 60 square feet of this material observed to be present.
- HGA – E, Mastic and Felt under 9" x 9" Gray Floor Tiles, checkered with HGA-D in the Kitchen. This material is considered to be a Category I nonfriable asbestos-containing material. The mastic and felt was found to contain 2 percent Chrysotile asbestos. There is approximately 60 square feet of this material observed to be present.
- HGA – G, Mastic and Felt under 9" x 9" Tan Floor Tiles in the Living Room and

Hall. This material is considered to be a Category I nonfriable asbestos-containing material. The mastic and felt was found to contain 2 percent Chrysotile asbestos. There is approximately 200 square feet of this material observed to be present.

- HGA – H, Mastic and Felt under 9" x 9" Beige Floor Tiles in the Front and Rear Bedrooms. This material is considered to be a Category I nonfriable asbestos-containing material. The mastic and felt was found to contain 2 percent Chrysotile asbestos. There is approximately 290 square feet of this material observed to be present.
- HGA – M, Window Glazing Compound used on the windows of the residence. This material is considered to be a Category II nonfriable asbestos-containing material. The glazing compound was found to contain 2 percent Chrysotile asbestos. The quantity of glazing compound was not determined, as the windows will most likely be removed through component removal prior to demolition. S&ME estimates twelve windows were present in the subject structure.
- HGA – Z, Roof flashing associated with the Chimney and other penetrations. This material is considered to be a Category I nonfriable asbestos-containing material. The flashing was found to contain 12 percent Chrysotile asbestos. There is approximately 8 square feet of this material observed to be present.

Mobile Home

- HGA – T, Caulking used around windows and doors for the residence. This material is considered to be a Category II nonfriable asbestos-containing material. The caulking was found to contain 4 percent Chrysotile asbestos. The quantity of caulking was not determined, as the windows and doors will most likely be removed through component removal prior to demolition. S&ME estimates 10 windows and 2 doors were present in the subject structure.
- HGA – Z, Roofing seal used on the roof of the mobile home. This material is considered to be a Category I nonfriable asbestos-containing material. The flashing was found to contain 2 percent Chrysotile asbestos. There is approximately 1,080 square feet of this material observed to be present.

Other Structures at 3124 Ellis Chapel Road, Durham, NC
(No asbestos materials identified)

3414 Pat Tilley Road, Bahama, NC
(No asbestos materials identified)

2621 Roberts Road, Bahama, NC
(No asbestos materials identified)

110 Saddlebrook Drive, Bahama, NC

- HGA – F, Sheet Flooring used in the landing to the Basement, Yellow/Gold in color. This material is considered to be a Category I nonfriable asbestos-containing material. The sheet flooring was found to contain 30 percent Chrysotile asbestos. There is approximately 16 square feet of this material observed to be present.
- HGA – J, Roof flashing associated with the Chimney and other penetrations. This material is considered to be a Category I nonfriable asbestos-containing material. Due to the condition of the roof this material was not sampled, and therefore is presumed to be asbestos containing. There is approximately 12 linear feet of this material observed to be present.

1507 Goodwin Road, Durham, NC

- HGA – A, Sprayed-on Textured Ceiling used throughout the residence. This material is considered to be a friable asbestos-containing material. The ceiling texture was found to contain 2 percent Chrysotile asbestos. There is approximately 1,472 square feet of this material present.
- HGA – B, Pebble-pattern Sheet Flooring used throughout the residence except the bedrooms and bathrooms. This material is considered to be a Category I nonfriable asbestos-containing material. The sheet flooring was found to contain 10 percent Chrysotile asbestos. There is approximately 1,040 square feet of this material observed to be present.
- HGA – D, Sprayed-on Textured Ceiling used in the Garage. This material is considered to be a friable asbestos-containing material. The ceiling texture was found to contain 2 percent Chrysotile asbestos. There is approximately 528 square feet of this material present.
- HGA – F, Caulking used around windows and doors of the residence. This material is believed to represent the original window and door caulk (under metal window trim). This material is considered to be a Category II nonfriable asbestos-containing material. The caulking was found to contain 3 percent Chrysotile asbestos. The quantity of caulking was not determined, as the windows and doors will most likely be removed through component removal prior to demolition. S&ME estimates 13 windows and 4 doors with this caulk were present in the subject structure, however due to the concealed nature of this material, additional quantities may be present.
- HGA – I, Paper insulation used inside the lighting fixtures in the basement of the residence. This material is considered to be a friable asbestos-containing material. The paper was found to contain 55 percent Chrysotile asbestos. There is approximately 4 square feet of this material observed to be present.

1509 Goodwin Road, Durham, NC

- HGA – A, Sprayed-on Textured Ceiling used throughout the residence. This material is considered to be a friable asbestos-containing material. The ceiling

texture was found to contain 2 percent Chrysotile asbestos. There is approximately 3,320 square feet of this material present.

- HGA – D, Gold Sheet Flooring used throughout the bathrooms of the residence. This material is considered to be a Category I nonfriable asbestos-containing material. The sheet flooring was found to contain 2 percent Chrysotile asbestos. There is approximately 52 square feet of this material observed to be present.
- HGA – E, Paper insulation used inside the lighting fixture in the laundry room. This material is considered to be a friable asbestos-containing material. The paper was found to contain 55 percent Chrysotile asbestos. There is approximately 1 square foot of this material observed to be present.
- HGA – G, Caulking used around windows and doors of the residence. This material is considered to be a Category II nonfriable asbestos-containing material. The caulking was found to contain 3 percent Chrysotile asbestos. The quantity of caulking was estimated to be 457 linear feet in the residence.

3601 Wishart Street, Durham, NC

- HGA – A, Sprayed-on Textured Ceiling used throughout the residence. This material is considered to be a friable asbestos-containing material. The ceiling texture was found to contain 3 percent Chrysotile asbestos. There is approximately 1,500 square feet of this material present.
- HGA – F, Window Glazing Compound used on the windows of the residence. This material is considered to be a Category II nonfriable asbestos-containing material. The glazing compound was found to contain 2 percent Chrysotile asbestos. The quantity of glazing compound was not determined, as the windows will most likely be removed through component removal prior to demolition. S&ME estimates twelve windows were present in the subject structure.
- HGA – G, Caulking used around windows and doors of the residence. This material is considered to be a Category II nonfriable asbestos-containing material. The caulking was found to contain 3 percent Chrysotile asbestos. The quantity of caulking was not determined, as the windows and doors will most likely be removed through component removal prior to demolition. S&ME estimates twelve windows, 2 swing and 1 sliding glass doors were present in the subject structure.
- HGA – I, Sheet Flooring in the Kitchen (under HGA – C). This material is considered to be a Category II nonfriable asbestos-containing material. The sheet flooring was found to contain 35 percent Chrysotile asbestos. There is approximately 226 square feet of this material observed to be present.
- HGA – K, Roof flashing associated with the Chimney and other penetrations. This material is considered to be a Category I nonfriable asbestos-containing material. The flashing was found to contain 8% Chrysotile asbestos. There is approximately 8 square feet of this material observed to be present.

Any material found to contain greater than 1% asbestos when analyzed using the EPA 600/R-93/116 Method must be considered to be an asbestos-containing material. If the material contains less than 1% asbestos (as analyzed by this method), it must be presumed

to contain asbestos unless the asbestos concentration has been verified by an additional "Point Count" analysis. Point Count Analysis may also be conducted for any results that indicate less than 10% asbestos by standard analysis in the event that standard methods returned an erroneously high result.

However, based on the results of the initial PLM analysis, S&ME requested the laboratory to perform a Point Count analysis on the composite samples of the gypsum board/joint compound wall and/or ceiling finishes for several of the subject structures. In addition to the Asbestos-Containing Materials identified above, gypsum board/joint compound materials in these structures were found to contain asbestos in quantities not currently regulated by EPA:

- 3214 Ellis Chapel Road, Bahama, NC
- 3124 Ellis Chapel Road, Bahama, NC
- 1507 Goodwin Road, Durham, NC
- 1509 Goodwin Road, Durham, NC
- 3601 Wishart Street, Durham, NC

The Point Count analysis was based on the examination of four hundred (400) non-empty points for each sample, to quantify that the asbestos content is less than 1%, or none detected. Therefore based upon these laboratory results, under NESHAPS the drywall systems in these structures may be considered non-RACM. Point Count results are included in the Laboratory Analytical Report in **Appendix III**.

Although the composite samples of the drywall material contained less than 1 percent Chrysotile asbestos, the joint compound component of the drywall was analyzed independently for purposes of OSHA compliance. Each of these structures were found to have gypsum board/Joint compound walls and/or ceiling finishes where Chrysotile asbestos was identified in the joint compound layer. The wallboard joint compound is considered an asbestos containing material under the Occupational Safety and Health Administration (OSHA) definitions. EPA allows the drywall system components (gypsum wallboard, joint tape, and joint compound) to be composited for analysis. See 40 CFR Part 61 (FRL-4821-7) "Asbestos NESHAP Clarification Regarding Analysis of Multi-layered Systems" as published on page 542 of the Federal Register Vol. 59, No. 3 dated January 8, 1994. OSHA, unlike EPA, has issued rule interpretations in 1996 and 1997 stating that the individual components of the system should be considered independent of each other for purposes of compliance with the OSHA asbestos standards. Therefore, OSHA requirements would apply to any employer performing demolition of these gypsum board/joint compound systems, whether by manual or by mechanical means. Additional considerations under the OSHA and EPA positions are discussed in the Recommendations Section of this report.

Please see the asbestos sampling table in **Appendix I** and the laboratory analytical reports in **Appendix II** and **Appendix III** for additional details.

Asbestos Inspection Recommendations

It is our understanding that plans are to demolish each of the subject structures. The demolition of such structures is subject to the EPA NESHAP. As such ACMs are required to be removed if these materials are friable, or if materials are non-friable and the demolition operations will render the material to be friable and therefore becoming a "Regulated Asbestos-Containing Material (RACM)". According to the NESHAP RACM is (a) friable ACM, (b) Category I non-friable ACM that has become friable, (c) Category I non-friable ACM that will be or has been subjected to sanding, grinding, cutting or abrading, or (d) Category II non-friable ACM that has a high probability of becoming or has become crumbled, pulverized, or reduced to powder by forces expected to act on the material during demolition operations. RACMs must be removed prior to demolition activities.

Since the joint compound in the drywall system has been identified as containing 2-3 percent Chrysotile asbestos, OSHA requirements would apply to work activities involving this material. The City of Durham is advised to make any employer proposing to perform or performing work in these structure aware (presumably in writing) of the asbestos content of these building materials. Alternatively, City of Durham could have these materials removed as part of the RACM abatement projects, to be contracted by appropriately trained and accredited personnel.

Activities involving the removal of ACM must be performed in accordance with the NESHAP and other regulations prior to building demolition The North Carolina Department of Environment and Natural Resources, Health Hazards Control Unit, requires submittal of an *Asbestos Permit Application and Notification for Demolition/Renovation* by the owner or operator at least ten working days prior to the asbestos removal start date if more than 160 square feet, 260 linear feet or 35 cubic feet or greater of RACM are to be removed. Even if no RACM is scheduled for removal, the notification for the demolition activity is still required.

The quantities of ACM identified in this report are intended only to be approximations based on site observations and measurements during the survey, and information gathered from the Durham County GoMaps website. S&ME recommends that demolition and/or asbestos abatement contractors also verify the amount of ACM to be removed and submit their asbestos quantity estimations as part of their scope of work.

HAZARDOUS BUILDING MATERIAL ASSESSMENT

The assessment of other typical residential hazardous materials performed by S&ME consisted of a visual assessment of each structure for the presence and location of typical suspect PCB-containing equipment, suspect mercury-containing equipment, and suspect CFC-containing equipment. S&ME did not use invasive inspection methods that would require damage to walls, ceilings, or dismantling of light fixtures or other equipment in the subject structures.

Polychlorinated Biphenyls (PCBs)

Fluorescent lighting fixtures were observed in most of the subject structures (See Table 2 below). Light ballasts are presumed to be present within those light fixtures. The fluorescent lighting may also have electronic starters that are not suspect PCB-containing equipment. The ballasts or starters for such fixtures are enclosed within the fixture and therefore were not observed for PCB labeling. The observed fluorescent lighting fixtures were in good condition. All ballasts manufactured before 1979 and/or not labeled as non-PCB should be considered PCB containing ballasts. Table 2 below lists the PCB-suspect lighting components observed at each of the subject structures.

Mercury

Linear fluorescent lamps and "Low-E" Compact Fluorescent lamps were also observed in several of the subject structures. The lamps in these light fixtures may contain mercury and should be presumed to contain mercury unless proven otherwise. Likewise bimetallic thermostats often have mercury switches. Table 2 below lists the mercury-suspect lighting and thermostats observed at each of the subject structures.

The following table summarizes the types of lighting systems observed and the presence of mercury/PCB suspect components:

Table 2. PCB and Mercury suspect Components Observed.

Site	Observed Hg Suspect Lighting System(s) and Thermostats	PCB-Labeled Yes/No/ Unknown	PCB-Containing Ballast
3214 Ellis Chapel Road, Bahama, NC	2 -24" Fluorescent bulbs in Kitchen 5-Low-E Bulbs noted in House Hall Thermostat	Unknown	Unknown
3124 Ellis Chapel Road, Bahama, NC	4-Low-E Bulbs noted in Main House	-	-
3414 Pat Tilley Road, Bahama, NC	3-48" Fluorescent bulb systems in Basement Hall Thermostat	Unknown	Unknown
2621 Roberts Road, Bahama, NC	Hall Thermostat	-	-
110 Saddlebrook Drive, Bahama, NC	1st Floor Hall Thermostat	-	-
1507 Goodwin Road, Durham, NC	-	-	-
1509 Goodwin Road, Durham, NC	2 -24" Fluorescent bulbs in Kitchen Hall Thermostat	Unknown	Unknown
3601 Wishart Street, Durham, NC	2 -24" Fluorescent bulbs in Kitchen Hall Thermostat	Unknown	Unknown

Chlorofluorocarbons (CFCs)

The HVAC equipment should be presumed to contain chlorofluorocarbons unless maintenance records or manufacturer's documentation states otherwise. Please note that CFC containing refrigerants are being phased-out, and the labeling may not reflect the current content of the system.

Table 3. CFC Suspect Components Observed.

Site	Observed CFC Containing Suspect Equipment	Labeled Refrigerant Type	Notes
3214 Ellis Chapel Road, Bahama, NC	-	-	-
3124 Ellis Chapel Road, Bahama, NC	Main House – Window A/C Unit Mobile Home – Heat Pump	Not Labeled Not Labeled	- -
3414 Pat Tilley Road, Bahama, NC	Heat Pump	Not Labeled	-
2621 Roberts Road, Bahama, NC	-	-	-
110 Saddlebrook Drive, Bahama, NC	Heat Pump	Not Labeled	-
1507 Goodwin Road, Durham, NC	Window A/C Unit (Basement)	-	-
1509 Goodwin Road, Durham, NC	-	-	-
3601 Wishart Street, Durham, NC	Heat Pump	Not Labeled	Damaged – Components Removed

Hazardous Materials Recommendations

It is our understanding that the structures will be demolished. Prior to demolition, proper disposal or recycling of equipment containing mercury, PCBs and/or CFCs in accordance with all federal, state, and local regulations is recommended.

LIMITATIONS

As is the case with any asbestos inspection, or other hazardous materials assessment, materials that were not readily apparent or were located in concealed locations may not have been identified. S&ME personnel visually observed electrical, HVAC and refrigeration equipment, but did not disassemble any of these systems or collect samples from these systems for laboratory analysis for PCB, mercury, or CFC content. If any material that is suspected to contain asbestos, lead, PCBs, mercury, or CFCs is discovered, and was not included in this report as a material identified and/or tested, it should be evaluated for asbestos, PCB, mercury, or CFC content before it is disturbed. Areas of the some roofs and potentially unsound buildings were not accessed by S&ME personnel during the site visits. Where asbestos-suspect materials could be observed, such

materials were noted and presumed to contain asbestos. Should additional asbestos-suspect materials be discovered during abatement and/or demolition activities, such materials should be tested prior to demolition or renovation activities that may disturb them.

Although Polarized Light Microscopy (PLM)/Dispersion Staining (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, there have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. EPA recommends analyzing such materials (floor tiles, mastics and asphaltic roofing) using Transmission Electron Microscopy (TEM) when PLM analysis does not detect asbestos in quantities greater than 1%. Current EPA regulations do not require this additional analysis and the decision to do so is left to the client. No TEM analysis was performed for this project.

This report is not intended for use as an asbestos or hazardous material removal specification. It is not within the scope of these services to describe all appropriate precautions, safeguards and regulations relating to asbestos, PCBs, mercury, or CFCs. Prior to removal of asbestos, PCB, mercury, or CFC containing materials, S&ME recommends that an appropriately qualified and/or credentialed professional develop a removal plan.

SOLE USE STATEMENT

All materials and information used on this project were obtained by S&ME. The resulting report is provided for the sole use of our client. Reliance on this report by any third parties will be at such party's sole risk and S&ME disclaims liability for any use of or reliance on this report by third parties. All portions of this report, including attachments, are interrelated and integral to this report and should not be transmitted independent of each other.

CLOSING

We appreciate the opportunity to serve as your industrial hygiene consultant for this project and look forward to working with you again in the future. If you have any questions or if we can be of further assistance please call our office at (919) 872-2660.

Sincerely,
S&ME, Inc.

Dennis W. Forbis, CIH, CSP
Senior Industrial Hygienist

Mike Cook
Industrial Hygiene Technician

Attachments: Appendix I – Asbestos Survey Data Sheets
Appendix II – Laboratory Analytical Reports (PLM)
Appendix III – Laboratory Analytical Reports (Point Count)
Appendix IV – Figure F-1 Structure Locations
3124 Ellis Chapel Road, Bahama, NC

APPENDIX I

Asbestos Survey Data Sheets

ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3214 Ellis Chapel Road, Bahama, NC
Residence (Single Story Brick with Basement)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
A	Sprayed-on Textured Ceiling on Main Level	1,200	F	PD	A-3214-01	Kitchen	4% Chrysotile
					A-3214-02	Living Room	Positive Stop
					A-3214-03	Hall	Positive Stop
					A-3214-04	Master Bedroom	Positive Stop
					A-3214-05	2nd bedroom End Bedroom	Positive Stop
B	Sheet flooring in kitchen - square rectangle stone patterns	270 SF	I	PD	B-3214-06	Floor register at front door	Linoleum - ND Mastic - ND
					B-3214-07	Floor register at sink	Linoleum - ND
C	Sheet flooring - Bathroom, under carpet - Mosaic pattern	120 SF	I	PD	C-3214-08	By Doorway	4% Chrysotile
					C-3214-09	By Doorway	Positive Stop
D	Drywall - walls and ceilings	3,000 SF	II	PD	D-3214-10	End bedroom	Gypsum Board - ND Joint Compound - 2% Chrysotile Composite - <1 Chrysotile Composite Point Count - ND
					D-3214-11	Bathroom	Gypsum Board - ND Joint Compound - 2% Chrysotile Composite - <1 Chrysotile Composite Point Count - ND

[1] Category: F=Friable; I=Category I, Non-Friable; II=Category II, Non-Friable; NF=Non-Friable

[2] Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD=Significantly Damaged

ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3214 Ellis Chapel Road, Bahama, NC
Residence (Single Story Brick with Basement)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
E	Window glazing compound	Not Determined (12 windows)	II	PSD	E-3214-12	Kitchen	2% Chrysotile
					E-3214-13	Master Bedroom	Positive Stop
F	Caulk - Windows and Doors	12 Windows 2 doors	II	PSD	F-3214-14	Front Door	ND
					F-3214-15	Kitchen Window	ND
G	Roofing	Not Determined	I	PD	G-3214-16	Above front porch	Shingle - ND Felt - ND
					G-3214-17	Above carport	Shingle - ND Felt - ND
H	Chimney Flashing	28 SF	II	PD	H-3214-18	Chimney	ND
					H-3214-19	Chimney	ND

[1] Category: F=Friable; I=Category I, Non-Friable; II=Category II, Non-Friable; NF=Non-Friable

[2] Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD=Significantly Damaged

ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/23/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3124 Ellis Chapel Road, Bahama, NC
Out Buildings (As noted)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
W	Asphalt roll roofing under tin shed W (See Figure F-1)	300 SF	F	D	W-3124-48	Tin Shed W	Shingle 1 - ND Shingle 2 - ND Felt - ND
					W-3124-49	Tin Shed W	Shingle 1 - ND Shingle 2- ND Felt - ND
X	Asphalt roll roofing under tin shed X, directly behind main house (See Figure F-1)	200 SF	F	D	X-3124-50	Tin Shed X	Shingle 1- ND Shingle 2 - ND
					X-3124-51	Tin Shed X	Shingle 1- ND Shingle 2 - ND
Y	Asphalt roll roofing under tin shed Y only under A frame section (See Figure F-1)	300 SF	F	D	Y-3124-52	Tin Shed Y	Shingle 1- ND Shingle 2 - ND
					Y-3124-53	Tin Shed Y	Shingle - ND Felt - ND
AA	1'x2' ceiling tiles in Store Building	300 SF	F	SD	AA-3124-56	Debris Sample - Inside Store	ND
					AA-3124-57	Debris Sample - Inside Store	ND
AB	Roofing for Store	300 SF	F	SD	AB-3124-58	Debris Sample - Inside Store	Shingle -ND Felt - ND
					AB-3124-59	Debris Sample - Inside Store	Shingle -ND Felt - ND

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[2] Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD=Significantly Damaged

ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/23/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3124 Ellis Chapel Road, Bahama, NC
Mobile Home

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
O	Textured Ceiling	1,060 SF	II	PD	O-3124-29	Master Bath	ND
					O-3124-30	Master Bath	ND
					O-3124-31	Kitchen	ND
					O-3124-32	Living room	ND
					O-3124-33	2nd bedroom	ND
P	Sheet flooring - Kitchen under laminate	125 SF	I	PD	P-3124-34	Kitchen center	ND
					P-3124-35	Kitchen refrigerator space	ND
Q	Sheet flooring - Master bath under laminate	30 SF	I	PD	Q-3124-36	Master Bath	ND
					Q-3124-37	Master Bath	ND
R	Sheet flooring - Bath under laminate	25 SF	I	PD	R-3124-38	2nd Bath	Tile - ND Mastic - ND
					R-3124-39	2nd Bath	Tile - ND Mastic - ND
S	Drywall - Ceiling throughout	1,080 SF	II	PD	S-3124-42	Kitchen	ND
					S-3124-43	Living room	ND
T	Caulking - windows and doors	Not Determined and (10 windows 2 Doors)	II	PD	T-3124-44	Back Door	ND
					T-3124-45	Master Bedroom Window	4% Chrysotile
U	Roof Seal	1,080	I	PD	U-3124-46	Above Back door	2% Chrysotile
					U-3124-47	Above living room	Positive Stop
V	Bottom layer of sheet flooring 2nd bath	25 SF	I	PD	V-3124-40	2nd bath	Linoleum - ND Mastic - ND
					V-3124-41	2nd Bath	Linoleum - ND Mastic - ND

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/23/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3124 Ellis Chapel Road, Bahama, NC
Main House - Single story Residence with partial basement (Wood frame with wood siding under metal siding)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
A	Drywall - walls and ceilings	2,500 SF	II	PD	A-3124-01	Living room	Gypsum Board - ND Joint Compound -2% Chrysotile Composite - <1 Chrysotile Composite Point Count - ND
					A-3124-02	Hall	Gypsum Board - ND Joint Compound -2% Chrysotile Composite - <1 Chrysotile Composite Point Count - ND
B	Sheet flooring - Kitchen top-layer - under laminate flooring Black and White checkered	120 SF	I	PD	B-3124-03	Kitchen	ND
					B-3124-04	Kitchen at hall	ND
C	Sheet Flooring under HGA-B, probably Gold or Yellow in color	120 SF	I	PD	C-3124-05	Kitchen	35 % Chrysotile
					C-3124-06	Kitchen	Positive Stop
D	9"x9" Green floor tiles checkered with HGA E in Kitchen	60 SF	I	PSD	D-3124-07	Kitchen	Tile - ND Mastic/Felt - 2% Chrysotile
					D-3124-08	Kitchen	Tile - ND
E	9"x9" Gray Floor tiles checkered with HGA D Kitchen	60 SF	I	PD	E-3124-09	Kitchen	Tile - ND Mastic/Felt - 2% Chrysotile
					E-3124-10	Kitchen	Tile - ND

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/23/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3124 Ellis Chapel Road, Bahama, NC
Main House - Single story Residence with partial basement (Wood frame with wood siding under metal siding)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
F	Tar paper living room floor, Hall floor	196 SF	II	PSD	F-3124-11	Living room	ND
					F-3124-12	Hall	ND
G	9"x9" Tan floor tile - living room, Hall	200 SF	I	PD	G-3124-13	Hall	Tile - ND Mastic/Felt - 2% Chrysotile
					G-3124-14	Living room	Tile - ND
H	9"x9" Beige floor tiles - front bedroom and rear bedroom	290 SF	I	PD	H-3124-15	Front Bedroom	Tile - ND Mastic/Felt - 2% Chrysotile
					H-3124-16	Rear Bedroom	Tile - ND
I	light green, stone pattern sheet flooring	85 SF	I	PD	I-3124-17		ND
					I-3124-18		ND
J	Green Sheet flooring kitchen - under HGA B, on top of HGA C	120 SF	I	PD	J-3124-19	Kitchen	Linoleum 1 - ND Mastic 1 - ND Linoleum 2- ND
					J-3124-20		Linoleum 1 - ND
K	White 9"x-" square pattern linoleum bathroom Top Layer	66 SF	I	PD	K-3124-21	Bathroom	Linoleum - ND Mastic - ND
					K-3124-22	Bathroom	Linoleum 1 - ND Mastic 1 - ND Linoleum 2- ND

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/23/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3124 Ellis Chapel Road, Bahama, NC
Main House - Single story Residence with partial basement (Wood frame with wood siding under metal siding)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
L	Bottom layer of sheet flooring in bathroom	66 SF	I	PD	L-3124-23	Bathroom	Linoleum - ND Mastic - ND
					L-3124-24	Bathroom	Linoleum - ND Mastic - ND
M	Window Glazing compound	Not Determined (8-12 Pane windows)	II	PD	M-3124-25	Front bedroom	ND
					M-3124-26	Living room	2% Chrysotile
N	Roofing	Not Determined	F	PD	N-3124-27	Porch Roof - North Façade	Shingle 1 - ND Shingle 2 -ND Shingle 3 - ND Felt - ND
					N-3124-28	House Roo - Northeast corner	Shingle 1 - ND Shingle 2 -ND Shingle 3 - ND Shingle 4 -ND Felt - ND
Z	Chimney and Roof Penetration Flashings	8 SF	I	PD	Z-3124-54	Chimney	12% Chrysotile
					Z-3124-55	Chimney	Positive Stop

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3414 Pat Tilley Road, Bahama, NC
Residence (Single story with Basement - Wood Frame with Wood siding)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
A	Sprayed on Ceiling texture	1,383 Total	F	PSD	A-3414-01	Kitchen	ND
					A-3414-02	Dining Room	ND
					A-3414-03	Hall	ND
					A-3414-04	Master Bedroom	ND
					A-3414-05	End Bedroom	ND
B	Tan Sheet flooring, block pattern kitchen	231 SF	I	PD	B-3414-06	At Sliding door	Linoleum - ND Mastic - ND
					B-3414-07	In front of sink	Linoleum - ND Mastic - ND
C	Sheet Flooring block pattern with swirls - laundry room	69 SF	I	PD	C-3414-08	In front of door at garage	Linoleum 1 - ND Mastic 1 - ND Linoleum 2 - ND
					C-3414-09	In front exterior door	Linoleum 1 - ND Mastic 1 - ND Linoleum 2 - ND Mastic 2 - ND

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3414 Pat Tilley Road, Bahama, NC
Residence (Single story with Basement - Wood Frame with Wood siding)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
D	Drywall walls and ceiling	4,000 SF	II	SD	D-3414-10	Laundry Room	Gypsum Board - ND Joint Compound - ND
					D-3414-11	Master Bedroom	Gypsum Board - ND Joint Compound - ND
E	2'x2' Ceiling tile with short random fissures and pinholes used in finished section of Basement	1,200	F	PSD	E-3414-12	In front of fireplace	ND
					E-3414-13	Entrance to basement from upstairs	ND
F	Door and Window caulk - brown	400 LF	II	PD	F-3414-14	Sliding glass door to kitchen	ND
					F-3414-15	Window in front of sink (Kitchen)	ND
G	Roofing - Shingles	1,700 SF	I	PD	G-3414-16	Back of Garage	Shingle 1 - ND Shingle 2 - ND Shingle 3 - ND Felt - ND
					G-3414-17	Back of house	Shingle 1 - ND Shingle 2 - ND Felt - ND

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[2] Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD=Significantly Damaged

ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 2621 Roberts Road, Bahama, NC
Single story Residence with basement (Brick veneer)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
A	Sprayed on ceiling texture top floor only	1,236 SF	F	PD	A-2621-01	Dining Area	ND
					A-2621-02	Kitchen	ND
					A-2621-03	Living Room	ND
					A-2621-04	Hall	ND
					A-2621-05	Master Bedroom	ND
B	Drywall - walls and ceiling throughout	3,000 SF	II	PD	B-2621-06	Living Room	Gypsum Board - ND Joint Compound - ND
					B-2621-07	Front Bedroom	Gypsum Board - ND Joint Compound - ND
C	Sheet flooring Master bath Yellow	50 SF	II	PD	C-2621-08	Master Bath	ND
					C-2621-09	Master Bath	ND
D	Sheet flooring, Brown - Basement Bathroom and Bedrooms	350 SF	I	PD	D-2621-10	Bathroom	ND
					D-2621-11	Front Bedroom	Linoleum - ND Mastic - ND
E	Caulking - around doors and windows	12 Windows 3 Doors	II	PD	E-2621-12	Living Room Windows	ND
					E-2621-13	Basement exterior door	ND

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 2621 Roberts Road, Bahama, NC
Single story Residence with basement (Brick veneer)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
F	Roofing - Shingles	1,500 SF	F	PD	F-2621-14	Garage- Front	Shingle 1 -ND Shingle 2 - ND Felt - ND
					F-2621-15	Main House - Front	Shingle 1 -ND Shingle 2 - ND Felt - ND
G	Chimney Flashing	8 SF	II	PD	G-2621-16	Chimney	ND
					G-2621-17	Chimney	ND

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 110 Saddlebrook Drive, Bahama, NC
2 Story Residence (Tempered hardboard siding, Wood floors with carpet exc. where sheet flooring was found)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
A	Spayed-on Ceiling texture used throughout the structure	2,000 SF	F	PD	A-110-01	Living Room	None Detected (ND)
					A-110-02	Kitchen	ND
					A-110-03	1st Floor Bedroom	ND
					A-110-04	2nd Floor Bathroom	ND
					A-110-05	2nd Floor Stairwell Landing	ND
B	Drywall walls and ceiling finishes, used throughout the structure	4,000 SF	II	PD	B-110-06	2nd Floor Bathroom	Gypsum Board - ND Joint Compound - ND
					B-110-07	Living Room	Gypsum Board - ND Joint Compound - ND
C	Sheet Flooring - Kitchen - Gray	265 SF	II	PD	C-110-08	Kitchen - In front of sink	Linoleum - ND Mastic - ND
					C-110-09	Kitchen in front of Laundry room	Linoleum - ND Mastic - ND
D	Sheet flooring - Bathrooms 2nd floor Tan	30 SF	II	PD	D-110-10	at doorway	Linoleum - ND Mastic - ND
					D-110-11	at bathtub	Linoleum - ND
E	Sheet flooring - Bathroom - 1st floor - White	30 SF	I	PD	E-110-12	at doorway to hall	Linoleum - ND Mastic - ND
					E-110-13	at bathtub	Linoleum - ND Mastic - ND

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 110 Saddlebrook Drive, Bahama, NC
2 Story Residence (Tempered hardboard siding, Wood floors with carpet exc. where sheet flooring was found)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
F	Sheet flooring- landing to basement Yellow/Gold	16 SF	I	PD	F-110-14	At doorway	30% Chrysotile
					F-110-15	Beside steps	Positive Stop
G	Sheet flooring in downstairs bathroom- 2nd layer (bottom)	30 SF	I	PD	G-110-16	At hall door	ND
					G-110-17	At Bathtub	Mastic - ND Leveling Compound - ND
H	Window Glazing Compound	Not Determind (13 Windows)	II	PSD	H-110-18	Front bedroom Window	ND
					H-110-19	Kitchen Window	ND
I	Door and Window Caulk	Not Determined (3 Doors) 13 Windows	II	PD	I-110-20	Front door	ND
					I-110-21	Window at kitchen sink	ND
J	Roofing Flashing used at roof penetrations, observed at chimney	12 LF	I	PD	NA	Not Sampled (Safety Concern)	Presumed Asbestos Containing Material
KK	Roofing	1,500 SF	F	PSD	KK-110-24	Front	Shingle - ND Felt - ND
					KK-110-25	Front	Shingle - ND Felt - ND

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/26/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 1507 Goodwin Road, Durham, NC
Single Story Residence with Basement (Wood Frame with Brick Veneer)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
A	Sprayed on Ceiling texture throughout	1,472 SF	F	PD	A-1507-01	Hall in front of stairs to basement	2% Chrysotile
					A-1507-02	Living/dining room	Positive Stop
					A-1507-03	Front foyer	Positive Stop
					A-1507-04	Hall	Positive Stop
					A-1507-05	Master bedroom	Positive Stop
B	Pebble pattern sheet flooring throughout except bedrooms and bathrooms	1,040	I	PD	B-1507-06	Living Room	10% Chrysotile
					B-1507-07	Hall	Positive Stop
C	Drywall system walls and ceilings Hall foyer and bedroom walls ceiling throughout	3,500 SF	II	PD	C-1507-08	Living room	Gypsum Board - ND Joint Compound - 3% Chrysotile Composite - <1 Chrysotile Composite Point Count - ND
					C-1507-09	Master bedroom	Gypsum Board - ND Joint Compound - 3% Chrysotile Composite - <1 Chrysotile Composite Point Count - ND

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[2] Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD=Significantly Damaged

ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/26/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 1507 Goodwin Road, Durham, NC
Single Story Residence with Basement (Wood Frame with Brick Veneer)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
D	Sprayed on ceiling texture - garage	528	F	PD	D-1507-10	Garage	2% Chrysotile
					D-1507-11	Garage	Positive Stop
					D-1507-12	Approximate Center	Positive Stop
					D-1507-13	Garage	Positive Stop
					D-1507-14	Garage	Positive Stop
E	Residual Window/Door caulking - on Metal trim from new windows (now removed)	Not Determined (13 Windows and 4 Doors)	II	PD	E-1507-15	Living room	ND
					E-1507-16	Master bedroom	ND
F	Original window/door caulking under metal window trim	Not Determined (13 Windows and 4 Doors)	II	PD	F-1507-17	Master Bedroom	3% Chrysotile
					F-1507-18	Back Door	Positive Stop
G	1'x1' ceiling tiles basement hall	150 SF	F	PD	G-1507-19	Doorway from main part of house	ND
					G-1507-20	Doorway to Basement	ND
H	1'x2' Ceiling tiles basement	1,200 SF	F	D	H-1507-21	Center of Basement	ND
					H-1507-22	North side of Basement	ND

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/26/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 1507 Goodwin Road, Durham, NC
Single Story Residence with Basement (Wood Frame with Brick Veneer)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
I	Paper inside of light fixtures in basement	4 SF	F	PSD	I-1507-23	Large light	55% Chrysotile
					I-1507-24	Smaller Light	Positive Stop
J	Roofing	1,700 SF	I	PD	J-1507-25	North End of House	Shingle - ND Felt - ND
					J-1507-26	South end of House	Shingle - ND Felt - ND
K	Chimney flashing	8 SF	I	PD	K-1507-27	Norh Side	ND
					K-1507-28	West Side	ND

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ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/26/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 1509 Goodwin Road, Durham, NC
Single story Residence with Basement (Brick veneer and siding)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
A	Sprayed on ceiling texture	3,320 SF	F	PD	A-1509-01	Laundry room	2% Chrysotile
					A-1509-02	Den	Positive Stop
					A-1509-03	Living Room	Positive Stop
					A-1509-04	Hall	Positive Stop
					A-1509-05	Master Bedroom	Positive Stop
B	Tan/Gray sheet flooring - Kitchen	288 SF	I	PD	B-1509-06	At Opening to Den	Linoleum - ND Mastic - ND
					B-1509-07	At Opening to Living Room	Linoleum - ND
C	Drywall walls and ceiling	4,128	II	PD	C-1509-08	Laundry room	Gypsum Board - ND Joint Compound -2% Chrysotile Composite - <1 Chrysotile Composite Point Count - ND
					C-1509-09	Living Room	Gypsum Board - ND Joint Compound -2% Chrysotile Composite - <1 Chrysotile Composite Point Count - ND
D	Gold sheet flooring bathrooms	52 SF	I	PD	D-1509-10	Hall bath	2% Chrysotile
					D-1509-11	Master bath	Positive Stop

[1] Category: F=Friable; I=Category I, Non-Friable; II=Category II, Non-Friable; NF=Non-Friable

[2] Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD=Significantly Damaged

ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/26/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 1509 Goodwin Road, Durham, NC
Single story Residence with Basement (Brick veneer and siding)

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
E	Paper inside of light - laundry room	1 SF	II	PD	E-1509-12	Laundry room	55% Chrysotile
F	Window glazing compound	585 LF	II	PD	F-1509-13	Dining area	ND
					F-1509-14	Garage	ND
G	Window/Door caulk	457 LF	II	PSD	G-1509-15	Front Door	ND
					G-1509-16	Living room	3% Chrysotile
H	Roofing	1,680 SF	I	PD	H-1509-17	West Façade, near Front door	Shingle 1 - ND Shingle 2 - ND Felt - ND
					H-1509-18	East Façade, near Carport/House intersection	Shingle 1 - ND Shingle 2 - ND Felt - ND
I	Chimney Flashing	10 LF	I	PD	I-1509-19	Chimney	ND
					I-1509-20	Chimney	ND

[1] Category: F=Friable; I=Category I, Non-Friable; II=Category II, Non-Friable; NF=Non-Friable

[2] Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD=Significantly Damaged

ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3601 Wishart Street, Durham, NC
Residence (Single Story Brick Exterior with Central Air) and Out Building

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
A	Sprayed on Ceiling texture throughout	1,500 SF	F	SD	A-3601-01	Living room	3% Chrysotile
					A-3601-02	Kitchen	Positive Stop
					A-3601-03	Den	Positive Stop
					A-3601-04	Hall	Positive Stop
					A-3601-05	Master Bedrooom	Positive Stop
B	Drywall walls and ceiling	2,500 SF	II	PD	B-3601-06	Living room	Gypsum Board - ND Joint Compound -2% Chrysotile Composite - <1 Chrysotile Composite Point Count - ND
					B-3601-07	Master Bedrooom	Gypsum Board - ND Joint Compound -2% Chrysotile Composite - <1 Chrysotile Composite Point Count - ND
C	Sheet flooring - kitchen tan top layer	226 SF	II	PD	C-3601-08	Kitchen at door to living room	Linoleum - ND Mastic - ND
					C-3601-09	Kitchen at sliding door	Linoleum - ND Mastic - ND
D	Blue Sheet flooring hall bathroom	25 SF	I	PD	D-3601-10	At door	Tile - ND
					D-3601-11	Beside bath tub	Tile - ND Mastic - ND

[1] Category: F=Friable; I=Category I, Non-Friable; II=Category II, Non-Friable; NF=Non-Friable

[2] Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD=Significantly Damaged

ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3601 Wishart Street, Durham, NC
Residence (Single Story Brick Exterior with Central Air) and Out Building

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
E	Tan Sheet Flooring Master bath	30 SF	I	PD	E-3601-12	At door	Tile - ND Mastic - ND
					E-3601-13	Beside toliet	Tile - ND Mastic - ND
F	Window Glazing Compound	Not Determined (12 Windows)	II	PSD	F-3601-14	Living room window	2% Chrysotile
					F-3601-15	Master bath window	Positive Stop
G	Door and window caulk	Not Determined (12 Windows, 2 swing & 1 Sliding Doors)	II	PD	G-3601-16	Living room window	3% Chrysotile
					G-3601-17	Master bath window	Positive Stop
H	Roofing shingles	Not Determined	I	D	H-3601-18	Frontn of House - Front Porch	Shingle 1 - ND Shingle 2 - ND Shingle 3 - ND Felt - ND
					H-3601-19	Front of house - Over Carport	Shingle 1 - ND Shingle 2 - ND Shingle 3 - ND Shingle 4 - ND Felt - ND

[1] Category: F=Friable; I=Category I, Non-Friable; II=Category II, Non-Friable; NF=Non-Friable

[2] Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD=Significantly Damaged

ASBESTOS SURVEY DATA SHEETS

S&ME Project Number: 4358-14-072
Job Name: City of Durham ACM & Unv Waste Asmt
Date of Survey: 6/24/2014

Survey by: Bob Bryant/Mike Cook
Accreditation Number : 10545/12123
State: North Carolina

Description of Structure: 3601 Wishart Street, Durham, NC
Residence (Single Story Brick Exterior with Central Air) and Out Building

HOMOGENOUS AREA: **SAMPLE DATA:**

Name	Description and Location	Approximate Size (SF or LF)	Category[1] (F/I/II)	Condition[2] (PD/PSD/D/SD)	Number	Sample Location	Type and Percent Asbestos
I	Sheet Vinyl beneath HGA - C in Kitchen	226 SF	II	PD	I-3601-20	Kitchen at door to living room	35% Chrysotile
					I-3601-21	Kitchen at sliding door	Positive Stop
J	Roll asphalt roofing used on Out Building	100 SF	F	SD	J-3601-22	Debris Sample - inside Building	Shingle - ND Felt - ND
					J-3601-23	Debris Sample - inside Building	Shingle - ND Felt - ND
K	Roof Flashing assocated with Chimney Flashing and other roof	8SF	I	PD	K-3601-24	Chimney	8% Chrysotile
					K-3601-25	Chimney	Positive Stop

[1] Category: F=Friable; I=Category I, Non-Friable; II=Category II, Non-Friable; NF=Non-Friable

[2] Condition: PD=Potential for Damage; PSD=Potential for Significant Damage; D=Damaged; SD=Significantly Damaged

APPENDIX II

Laboratory Analytical Reports (PLM)

S&ME

Greensboro Branch
3718 Battleground Rd
Greensboro NC 27410

Analysis Date: 7/7/14

Polarized Light Microscopy (PLM) Point Count Results

National Laboratory Voluntary Accreditation Program NVLAP Lab Code102075-0

4358-14-072
City of Durham 3214 Ellis Chapel Rd

Sample No.	Lab ID#	Gross Sample Description	Total # Non-Empty Points Counted	Total # Asbestos Points Counted	% Asbestos Based On Point Count
3214-10	14-6081C	TAN/BEIGE FIBROUS	400	0	NONE DETECTED
3214-11	14-6082C	TAN/BEIGE FIBROUS	400	0	NONE DETECTED

Jane Wasilewski
Analyst

Laboratory Manager

The analysis followed the procedure found in "Method for the Determination of Asbestos in Bulk Building Materials," (EPA/600/R-93/116).

Notes:
The results pertain only to the sample identification above.
The sample may not be fully representative of the larger material in question.
Samples found to contain less than 1% asbestos are considered positive until point counted to disprove sample content of greater than 1%.

This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government.

S&ME, Inc. 9771D Southern Pine Blvd. Charlotte, NC 28273 704-940-1830 FAX 704-565-4929

S&ME

Greensboro Branch
3718 Battleground Rd
Greensboro NC 27410

Analysis Date: 7/7/14

Polarized Light Microscopy (PLM) Point Count Results

National Laboratory Voluntary Accreditation Program NVLAP Lab Code102075-0

4358-14-072
City of Durham 3124 Ellis Chapel Rd

Sample No.	Lab ID#	Gross Sample Description	Total # Non-Empty Points Counted	Total # Asbestos Points Counted	% Asbestos Based On Point Count
3124-01	14-6019C	TAN/BEIGE FIBROUS	400	0	NONE DETECTED
3124-02	14-6020C	TAN/BEIGE FIBROUS	400	0	NONE DETECTED

Jane Wasilewski
Analyst

Laboratory Manager

The analysis followed the procedure found in "Method for the Determination of Asbestos in Bulk Building Materials," (EPA/600/R-93/116).

Notes:
The results pertain only to the sample identification above.
The sample may not be fully representative of the larger material in question.
Samples found to contain less than 1% asbestos are considered positive until point counted to disprove sample content of greater than 1%.

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S&ME

Greensboro Branch
3718 Battleground Rd
Greensboro NC 27410

Analysis Date: 7/7/14

Polarized Light Microscopy (PLM) Point Count Results

National Laboratory Voluntary Accreditation Program NVLAP Lab Code102075-0

4358-14-072
City of Durham 1507 Goodwin Rd

Sample No.	Lab ID#	Gross Sample Description	Total # Non-Empty Points Counted	Total # Asbestos Points Counted	% Asbestos Based On Point Count
1507-08	14-6175C	TAN/BEIGE FIBROUS	400	0	NONE DETECTED
1507-09	14-6176C	TAN/BEIGE FIBROUS	400	0	NONE DETECTED

Jane Wasilewski
Analyst

Laboratory Manager

The analysis followed the procedure found in "Method for the Determination of Asbestos in Bulk Building Materials," (EPA/600/R-93/116).

Notes:
The results pertain only to the sample identification above.
The sample may not be fully representative of the larger material in question.
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S&ME, Inc. 9771D Southern Pine Blvd. Charlotte, NC 28273 704-940-1830 FAX 704-565-4929

S&ME

Greensboro Branch
3718 Battleground Rd
Greensboro NC 27410

Analysis Date: 7/7/14

Polarized Light Microscopy (PLM) Point Count Results

National Laboratory Voluntary Accreditation Program NVLAP Lab Code102075-0

4358-14-072
City of Durham 1509 Goodwin Rd

Sample No.	Lab ID#	Gross Sample Description	Total # Non-Empty Points Counted	Total # Asbestos Points Counted	% Asbestos Based On Point Count
1509-08	14-6203C	TAN/BEIGE FIBROUS	400	0	NONE DETECTED
1509-09	14-6204C	TAN/BEIGE FIBROUS	400	0	NONE DETECTED

Jane Wasilewski
Analyst

Laboratory Manager

The analysis followed the procedure found in "Method for the Determination of Asbestos in Bulk Building Materials," (EPA/600/R-93/116).

Notes:
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S&ME

Greensboro Branch
3718 Battleground Rd
Greensboro NC 27410

Analysis Date: 7/7/14

Polarized Light Microscopy (PLM) Point Count Results

National Laboratory Voluntary Accreditation Program NVLAP Lab Code102075-0

4358-14-072
City of Durham 3601 Wishart St

Sample No.	Lab ID#	Gross Sample Description	Total # Non-Empty Points Counted	Total # Asbestos Points Counted	% Asbestos Based On Point Count
3601-06	14-6130C	TAN/BEIGE FIBROUS	400	1	0.25 %
3601-07	14-6131C	TAN/BEIGE FIBROUS	400	0	NONE DETECTED

Jane Wasilewski
Analyst

Laboratory Manager

The analysis followed the procedure found in "Method for the Determination of Asbestos in Bulk Building Materials," (EPA/600/R-93/116).

Notes:
The results pertain only to the sample identification above.
The sample may not be fully representative of the larger material in question.
Samples found to contain less than 1% asbestos are considered positive until point counted to disprove sample content of greater than 1%.

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APPENDIX III

Laboratory Analytical Reports (Point Count)

S&ME
9771D Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Greensboro Branch
Client Job City of Durham 3214 Ellis Chapel Rd

3718 Old Battleground Rd.
Greensboro NC 27410

Date Received 6/26/2014
Date Analyzed 7/3/2014

Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6072	3214-01	BEIGE FIBROUS		4 CHRYSOTILE		10 PERLITE 86 OTHER
14-6077A	3214-06	GREY FIBROUS	LINOLEUM	ND	35 CELLULOSE 2 SYNTHETIC	63 OTHER
14-6077B	3214-06	BROWN NONFIBROUS	MASTIC	ND		100 OTHER
14-6078	3214-07	GREY FIBROUS	LINOLEUM (ONLY)	ND	35 CELLULOSE 2 SYNTHETIC	63 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
The sample may not be fully representative of the larger material in question. This sheet may not be reproduced except with permission from SME, Inc. This report may not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. Although Polarized Light Microscopy (PLM/Dispersion Staining) (Method EPA 600/R-93/116) is the specified method for analysis of bulk material samples for asbestos under the EPA Asbestos Hazard Emergency Response Act, ther have been reports that this method may not identify asbestos when fiber sizes are extremely small or if they are bound in a resinous material. Such materials include floor tile, mastic and asphaltic roofing. Currently, reanalysis by Transmission Electron Microscopy (TEM) to verify results of <1% or "None Detected" for these materials is recommended.

Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6079	3214-08	TAN FIBROUS		4 CHRYSOTILE	<1 CELLULOSE	96 OTHER
14-6081A	3214-10	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 GYPSUM
14-6081B	3214-10	BEIGE NONFIBROUS	JT COMPOUND	2 CHRYSOTILE		98 OTHER
14-6081C	3214-10	TAN/BEIGE FIBROUS	COMPOSITE	<1 CHRYSOTILE	10 CELLULOSE	90 GYPSUM <1 OTHER
14-6082A	3214-11	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 GYPSUM
14-6082B	3214-11	BEIGE FIBROUS	JT COMPOUND	2 CHRYSOTILE		98 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6082C	3214-11	TAN/BEIGE FIBROUS	COMPOSITE	<1 CHRYSOTILE	10 CELLULOSE	90 GYPSUM <1 OTHER
14-6083	3214-12	TAN NONFIBROUS		2 CHRYSOTILE		98 OTHER
14-6085	3214-14	BEIGE PLIABLE		ND		100 OTHER
14-6086	3214-15	BEIGE PLIABLE		ND		100 OTHER
14-6087A	3214-16	BLACK FIBROUS	SHINGLE	ND	15 GLASS	85 OTHER
14-6087B	3214-16	BLACK FIBROUS	FELT	ND	80 CELLULOSE	20 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6088A	3214-17	BLACK FIBROUS	SHINGLE	ND	15 GLASS	85 OTHER
14-6088B	3214-17	BLACK FIBROUS	FELT	ND	80 CELLULOSE	20 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
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BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/25/14	1650	6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3214 Ellis Chapel Rd					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/24/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
3214-01	A	I	14-6072								
02	A	I	73								
03	A	I	74								
04	A	I	75								
05	A	I	76								
06	B	P	77								Sheet flooring
07	B	P	78								↓
08	C	P	79								
09	C	P	80								↓
10	D	P	81								Drywall system
11	D	P	82								↓
12	E	P	83								Window glazing
13	E	P	84								↓
14	F	P	85								Caulk
15	F	P	14-6086								↓

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting	G - 9-14" Pipe	M - A.H.U. Exp. Jt.
B - 4-8" Pipe Fitting	H - >14" Pipe	N - Ceiling/Wall Tile
C - 9-14" Pipe Fitting	I - Spray-On/Trowel	O - Fiberboard
D - >14" Pipe Fitting	J - Floor Tile	P - Other (See notes - Front or back)
E - <4" Pipe	K - Tanks/Boiler	
F - 4-8" Pipe	L - A.H.U. Insul.	

⊕ stop

BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/25/14	1650	6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3214 Ellis Chapel Rd					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/24/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
3214-16			14-6087								
17			88								

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

S&ME
9771D Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Greensboro Branch
Client Job City of Durham 3124 Ellis Chapel Rd

3718 Old Battleground Rd.
Greensboro NC 27410

Date Received 6/26/2014
Date Analyzed 7/1/2014

Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6019A	3124-01	TAN/BEIGE FIBROUS	SHEETROCK	ND	20 CELLULOSE	80 GYPSUM
14-6019B	3124-01	BEIGE NONFIBROUS	JT COMPOUND	2 CHRYSOTILE		98 OTHER
14-6019C	3124-01	TAN/BEIGE FIBROUS	COMPOSITE	<1 CHRYSOTILE	20 CELLULOSE	80 GYPSUM <1 OTHER
14-6020A	3124-02	TAN/BEIGE FIBROUS	SHEETROCK	ND	20 CELLULOSE	80 GYPSUM

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6020B	3124-02	BEIGE NONFIBROUS	JT COMPOUND	2 CHRYSOTILE		98 OTHER
14-6020C	3124-02	TAN/BEIGE FIBROUS	COMPOSITE	<1 CHRYSOTILE	20 CELLULOSE	80 GYPSUM <1 OTHER
14-6021	3124-03	BLACK/BEIGE FIBROUS		ND	5 GLASS	95 OTHER
14-6022	3124-04	BLACK/BEIGE FIBROUS		ND	5 GLASS	95 OTHER
14-6023	3124-05	GOLD FIBROUS		35 CHRYSOTILE	2 CELLULOSE	63 OTHER
14-6025A	3124-07	GREEN NONFIBROUS	TILE	ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6025B	3124-07	BLACK/TAN FIBROUS	MASTIC/FELT	2 CHRYSOTILE	75 CELLULOSE 2 SYNTHETIC	21 OTHER
14-6026	3124-08	GREEN NONFIBROUS	TILE	ND		100 OTHER
14-6027A	3124-09	BEIGE NONFIBROUS	TILE	ND		100 OTHER
14-6027B	3124-09	BLACK/TAN FIBROUS	MASTIC/FELT	2 CHRYSOTILE	75 CELLULOSE 2 SYNTHETIC	21 OTHER
14-6028	3124-10	BEIGE NONFIBROUS	TILE	ND		100 OTHER
14-6029	3124-11	BLACK FIBROUS		ND	80 CELLULOSE	20 OTHER

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6030	3124-12	BLACK FIBROUS		ND	80 CELLULOSE	20 OTHER
14-6031A	3124-13	BEIGE NONFIBROUS	TILE	ND		100 OTHER
14-6031B	3124-13	BLACK/YW FIBROUS	MASTIC/FELT	2 CHRYSOTILE	75 CELLULOSE 2 SYNTHETIC	21 OTHER
14-6032	3124-14	BEIGE NONFIBROUS	TILE	ND		100 OTHER
14-6033A	3124-15	TAN NONFIBROUS	TILE	ND		100 OTHER
14-6033B	3124-15	BLACK/YELLOW FIBROUS	MASTIC/FELT	2 CHRYSOTILE	75 CELLULOSE 2 SYNTHETIC	21 OTHER

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6034	3124-16	TAN NONFIBROUS	TILE	ND		100 OTHER
14-6035	3124-17	BEIGE/BLACK FIBROUS		ND	65 CELLULOSE	35 OTHER
14-6036	3124-18	BEIGE/BLACK FIBROUS		ND	65 CELLULOSE	35 OTHER
14-6037A	3124-19	GREEN FIBROUS	LINOLEUM 1	ND	20 CELLULOSE 2 GLASS	78 OTHER
14-6037B	3124-19	YELLOW NONFIBROUS	MASTIC 1	ND		100 OTHER
14-6037C	3124-19	YELLOW FIBROUS	LINOLEUM 2	ND	30 CELLULOSE 2 GLASS	68 OTHER

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6038	3124-20	GREEN FIBOROUS	LINOLEUM 1 (ONLY)	ND	5 CELLULOSE 1 GLASS	94 OTHER
14-6039A	3124-21	BEIGE NONFIBROUS	LINOLEUM	ND		100 OTHER
14-6039B	3124-21	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6040A	3124-22	BEIGE NONFIBROUS	LINOLEUM 1	ND		100 OTHER
14-6040B	3124-22	YELLOW NONFIBROUS	MASTIC 1	ND		100 OTHER
14-6040C	3124-22	BEIGE FIBROUS	LINOLEUM 2	ND	5 CELLULOSE	95 OTHER

Analyzed by: Jane Wasilewski

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Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6041A	3124-23	BEIGE FIBROUS	LINOLEUM	ND	20 CELLULOSE	80 OTHER
14-6041B	3124-23	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6042A	3124-24	BEIGE FIBROUS	LINOLEUM BACKING	ND	85 CELLULOSE	15 OTHER
14-6042B	3124-24	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6043	3124-25	TAN NONFIBROUS		ND		100 OTHER
14-6044	3124-26	TAN NONFIBROUS		2 CHRYSOTILE		98 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

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Laboratory Manager

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Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6045A	3124-27	BLACK FIBROUS	SHINGLE 1	ND	20 GLASS	80 OTHER
14-6045B	3124-27	BLACK FIBROUS	SHINGLE 2	ND	20 GLASS	80 OTHER
14-6045C	3124-27	BLACK FIBROUS	SHINGLE 3	ND	15 SYNTHETIC	85 OTHER
14-6045D	3124-27	BLACK FIBROUS	FELT	ND	65 CELLULOSE	35 OTHER
14-6046A	3124-28	BLACK FIBROUS	SHINGLE 1	ND	20 GLASS	80 OTHER
14-6046B	3124-28	BLACK FIBROUS	SHINGLE 2	ND	20 GLASS	80 OTHER

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Additional Comments:

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Laboratory Manager

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Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6046C	3124-28	BLACK FIBROUS	SHINGLE 3	ND	15 SYNTHETIC	85 OTHER
14-6046D	3124-28	BLACK FIBROUS	SHINGLE 4	ND	15 SYNTHETIC	85 OTHER
14-6046E	3124-28	BLACK FIBROUS	FELT	ND	65 CELLULOSE	35 OTHER
14-6047	3124-29	BEIGE NONFIBROUS		ND		100 OTHER
14-6048	3124-30	BEIGE NONFIBROUS		ND		100 OTHER
14-6049	3124-31	BEIGE NONFIBROUS		ND		100 OTHER

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Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6050	3124-32	BEIGE NONFIBROUS		ND		100 OTHER
14-6051	3124-33	BEIGE NONFIBROUS		ND		100 OTHER
14-6052	3124-34	BEIGE FIBROUS		ND	30 CELLULOSE 2 GLASS	68 OTHER
14-6053	3124-35	BEIGE FIBROUS		ND	2 GLASS	98 OTHER
14-6054	3124-36	BEIGE FIBROUS		ND	4 SYNTHETIC 2 GLASS	94 OTHER
14-6055	3124-37	BEIGE FIBROUS		ND	4 SYNTHETIC 2 GLASS	94 OTHER

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Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6056A	3124-38	TAN NONFIBROUS	TILE	ND		100 OTHER
14-6056B	3124-38	CLEAR NONFIBROUS	MASTIC	ND		100 OTHER
14-6057A	3124-39	TAN NONFIBROUS	TILE	ND		100 OTHER
14-6057B	3124-39	CLEAR NONFIBROUS	MASTIC	ND		100 OTHER
14-6058	3124-42	TAN/BEIGE FIBROUS		ND	10 CELLULOSE 2 GLASS	88 GYPSUM
14-6059	3124-43	TAN/BEIGE FIBROUS		ND	10 CELLULOSE 2 GLASS	88 GYPSUM

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6060	3124-44	WHITE RUBBERY		ND		100 OTHER
14-6061	3124-45	GREY FIBROUS		4 CHRYSOTILE		96 OTHER
14-6062	3124-46	SILVER NONFIBROUS		2 CHRYSOTILE	3 CELLULOSE	95 OTHER
14-6064A	3124-40	BEIGE FIBROUS	LINOLEUM	ND	35 CELLULOSE 2 GLASS	63 OTHER
14-6064B	3124-40	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6065A	3124-41	BEIGE FIBROUS	LINOLEUM	ND	35 CELLULOSE 2 GLASS	63 OTHER

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Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6065B	3124-41	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6066A	3124-48	BLACK FIBROUS	SHINGLE 1	ND	30 CELLULOSE	70 OTHER
14-6066B	3124-48	BLACK FIBROUS	SHINGLE 2	ND	25 CELLULOSE 2 SYNTHETIC	73 OTHER
14-6066C	3124-48	BLACK FIBROUS	FELT	ND	65 CELLULOSE 5 SYNTHETIC	30 OTHER
14-6067A	3124-49	BLACK FIBROUS	SHINGLE 1	ND	30 CELLULOSE	70 OTHER
14-6067B	3124-49	BLACK FIBROUS	SHINGLE 2	ND	20 CELLULOSE 2 SYNTHETIC	78 OTHER

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Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6067C	3124-49	BLACK FIBROUS	FELT	ND	65 CELLULOSE 5 SYNTHETIC	30 OTHER
14-6068A	3124-50	BLACK FIBROUS	SHINGLE 1	ND	35 CELLULOSE	65 OTHER
14-6068B	3124-50	BLACK FIBROUS	SHINGLE 2	ND	35 CELLULOSE	65 OTHER
14-6069A	3124-51	BLACK FIBROUS	SHINGLE 1	ND	35 CELLULOSE	65 OTHER
14-6069B	3124-51	BLACK FIBROUS	SHINGLE 2	ND	35 CELLULOSE	65 OTHER
14-6070A	3124-52	BLACK FIBROUS	SHINGLE 1	ND	35 CELLULOSE	65 OTHER

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Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6070B	3124-52	BLACK FIBROUS	SHINGLE 2	ND	35 CELLULOSE	65 OTHER
14-6071A	3124-53	BLACK FIBROUS	SHINGLE	ND	35 CELLULOSE	65 OTHER
14-6071B	3124-53	BLACK FIBROUS	FELT	ND	75 CELLULOSE	25 OTHER

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BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/25/14	1650	6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3124 Ellis Chapel RD.					
SAMPLER(S)	DATE TAKEN	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/23/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
3124-01	A	P	14- 6019								Drywall system
02	A	P	20								Drywall system
03	B	P	21								Sheet flooring
04	B	P	22								Sheet flooring
05	C	P	23								Sheet flooring
06	C	P	24								Sheet flooring
07	D	J	25								
08	D	J	26								
09	E	J	27								
10	E	J	28								
11	F	P	29								Tar paper
12	F	P	30								Tar paper
13	G	J	31								
14	G	J	32								
15	H	J	14- 6033								

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14". Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

(+) stop

BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	B. Bryant	6/25/14	1650	6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3124 Ellis Chapel Rd					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/23/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
3124-16	H	J	14-6034								
17	I	P	35								Sheet flooring
18	I	P	36								Sheet flooring
19	J	P	37								Sheet flooring
20	J	P	38								Sheet flooring
21	K	P	39								Sheet flooring
22	K	P	40								Sheet flooring
23	L	P	41								Sheet flooring
24	L	P	42								Sheet flooring
25	M	P	43								Window Glazing
26	M	P	44								Window glazing
27	N	P	45								Roofing
28	N	P	46								Roofing
29	O	I	47								
30	O	I	6048								

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MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/25/14	1650	6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3124 Ellis Chapel Rd					
SAMPLER(S)	DATE TAKEN	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/23/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
3124-~~1631~~	O	I	14-6049								
32	O	I	50								
33	O	I	51								
34	P	P	52								Sheet flooring
35	P	P	53								Sheet flooring
36	Q	P	54								Sheet flooring
37	Q	P	55								Sheet flooring
38	R	P	56								Sheet flooring
39	R	P	57								Sheet flooring
42 ~~40~~	S	P	58								Drywall
43 ~~41~~	S	P	59								Drywall
44	T	P	60								Caulking
45	T	P	61								Caulking
46	U	P	62								Roof sealant
47	U	P	6063								Roof sealant

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/25/14	1650	6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3124 Ellis Chapel Rd.					
SAMPLER(S)	DATE TAKEN	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/23/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
3124-40	V	P	14-6064								Sheet flooring
41	V	P	65								Sheet flooring
48	W	P	66								Roofing
49	W	P	67								Roofing
50	~~W~~ X	P	68								Roofing
51	~~W~~ X	P	69								Roofing
52	Y	P	70								Roofing
53	Y	P	14-6071								Roofing

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
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J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

S&ME
9771D Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Greensboro Branch
3718 Old Battleground Rd.
Greensboro NC 27410

Client Job City of Durham 3414 Pat Tilley Rd

Date Received 6/26/2014
Date Analyzed 7/3/2014

Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6148	3414-01	BEIGE NONFIBROUS		ND		100 OTHER
14-6149	3414-02	BEIGE NONFIBROUS		ND		100 OTHER
14-6150	3414-03	BEIGE NONFIBROUS		ND		100 OTHER
14-6151	3414-04	BEIGE NONFIBROUS		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6152	3414-05	BEIGE NONFIBROUS		ND		100 OTHER
14-6153A	3414-06	PINK FIBROUS	LINOLEUM	ND	30 CELLULOSE	70 OTHER
14-6153B	3414-06	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6154A	3414-07	BEIGE FIBROUS	LINOLEUM	ND	35 CELLULOSE	65 OTHER
14-6154B	3414-07	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6155A	3414-08	TAN FIBROUS	LINOLEUM 1	ND	30 CELLULOSE	70 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6155B	3414-08	YELLOW NONFIBROUS	MASTIC 1	ND		100 OTHER
14-6155C	3414-08	BEIGE NONFIBROUS	LINOLUEM 2	ND		100 OTHER
14-6156A	3414-09	TAN FIBROUS	LINOLUEM 1	ND	30 CELLULOSE	70 OTHER
14-6156B	3414-09	YELLOW NONFIBROUS	MASTIC 1	ND		100 OTHER
14-6156C	3414-09	TAN NONFIBROUS	LINOLEUM 2	ND		100 OTHER
14-6156D	3414-09	YELLOW NONFIBROUS	MASTIC 2	ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6157A	3414-10	TAN/BEIGE FIBROUS	SHEETROCK	ND	20 CELLULOSE	80 GYPSUM
14-6157B	3414-10	WHITE NONFIBROUS	JT COMPOUND	ND		100 OTHER
14-6158A	3414-11	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 GYPSUM
14-6158B	3414-11	WHITE NONFIBROUS	JT COMPOUND	ND		100 OTHER
14-6159	3414-12	GREY FIBROUS		ND	60 CELLULOSE 5 MINERAL WOOL	35 PERLITE
14-6160	3414-13	GREY FIBROUS		ND	60 CELLULOSE 5 MINERAL WOOL	35 PERLITE

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6161	3414-14	TAN PLIABLE		ND		100 OTHER
14-6162	3414-15	TAN PLIABLE		ND		100 OTHER
14-6163A	3414-16	BLACK FIBROUS	SHINGLE 1	ND	20 GLASS	80 OTHER
14-6163B	3414-16	BLACK FIBROUS	SHINGLE 2	ND	20 GLASS	80 OTHER
14-6163C	3414-16	BLACK FIBROUS	SHINGLE 3	ND	20 GLASS	80 OTHER
14-6163D	3414-16	BLACK FIBROUS	FELT	ND	80 CELLULOSE	20 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6164A	3414-17	BLACK FIBROUS	SHINGLE 1	ND	20 GLASS	80 OTHER
14-6164B	3414-17	BLACK FIBROUS	SHINGLE 2	ND	20 GLASS	80 OTHER
14-6164C	3414-17	BLACK FIBROUS	FELT	ND	75 CELLULOSE	25 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	[signature]	6/25/14	1650	[signature] 6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3414 Pat Tilley Rd					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/24/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
A3414-01	A	I	14-6148								
02	A	I	49								
03	A	I	50								
04	A	I	51								
05	A	I	52								
06	B	P	53								Sheet flooring
07	B	P	54								↓
08	C	P	55								
09	C	P	56								
10	D	P	57								Drywall system
11	D	P	58								Drywall system
12	E	N	59								
13	E	N	60								
14	F	P	61								Caulk
15	F	P	14-6162								Caulk

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

(+) stop

BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/25/14	1650	
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3414 Pat Tilley Rd					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/24/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
3414-16	G	P	14-6163								Roofing
17	G	P	64								Roofing

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
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C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

S&ME
9771D Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Greensboro Branch
Client Job City of Durham 2621 Roberts Rd

3718 Old Battleground Rd.
Greensboro NC 27410

Date Received 6/26/2014
Date Analyzed 7/3/2014

Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6089	2621-01	BEIGE NONFIBROUS		ND		35 VERMICULITE 65 OTHER
14-6090	2621-02	BEIGE NONFIBROUS		ND		25 VERMICULITE 75 OTHER
14-6091	2621-03	BEIGE NONFIBROUS		ND		20 VERMICULITE 80 OTHER
14-6092	2621-04	BEIGE NONFIBROUS		ND		10 VERMICULITE 90 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6093	2621-05	BEIGE NONFIBROUS		ND		2 VERMICULITE 98 OTHER
14-6094A	2621-06	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 OTHER
14-6094B	2621-06	WHITE NONFIBROUS	JT COMPOUND	ND		100 OTHER
14-6095A	2621-07	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 GYPSUM
14-6095B	2621-07	WHITE NONFIBROUS	JT COMPOUND	ND		100 OTHER
14-6096	2621-08	TAN FIBROUS		ND	35 CELLULOSE 2 SYNTHETIC	63 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6097	2621-09	TAN FIBROUS		ND	35 CELLULOSE 2 SYNTHETIC	63 OTHER
14-6098	2621-10	BROWN FIBROUS		ND	5 GLASS	95 OTHER
14-6099A	2621-11	BROWN NONFIBROUS	LINOLEUM	ND		100 OTHER
14-6099B	2621-11	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6100	2621-12	BEIGE PLIABLE		ND		100 OTHER
14-6101	2621-13	BEIGE PLIABLE		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6102A	2621-14	BLACK FIBROUS	SHINGLE 1	ND	20 GLASS	80 OTHER
14-6102B	2621-14	BLACK FIBROUS	SHINGLE 2	ND	20 GLASS	80 OTHER
14-6102C	2621-14	BLACK FIBROUS	FELT	ND	80 CELLULOSE	20 OTHER
14-6103A	2621-15	BLACK FIBROUS	SHINGLE 1	ND	20 GLASS	80 OTHER
14-6103B	2621-15	BLACK FIBROUS	SHINGLE 2	ND	20 GLASS	80 OTHER
14-6103C	2621-15	BLACK FIBROUS	FELT	ND	80 CELLULOSE	20 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	[signature]	6/25/14	1650	[signature] 6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
2621 Roberts Rd					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/24/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
2621-01	A	I	14-6089								
02	A	I	90								
03	A	I	91								
04	A	I	92								
05	A	I	93								
06	B	P	94								Drywall system
07	B	P	95								↓
08	C	P	96								Sheet flooring
09	C	P	97								↓
10	D		98								
11	D		6099								
12	E		6100								caulk
13	E		01								↓
14	F		02								Roofing
15	F		14-6103								↓

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting	G - 9-14" Pipe	M - A.H.U. Exp. Jt.
B - 4-8" Pipe Fitting	H - >14" Pipe	N - Ceiling/Wall Tile
C - 9-14" Pipe Fitting	I - Spray-On/Trowel	O - Fiberboard
D - >14" Pipe Fitting	J - Floor Tile	P - Other (See notes - Front or back)
E - <4" Pipe	K - Tanks/Boiler	
F - 4-8" Pipe	L - A.H.U. Insul.	

+ stop

S&ME
9771D Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Greensboro Branch
Client Job City of Durham 110 Saddlebrook

3718 Old Battleground Rd.
Greensboro NC 27410

Date Received 6/26/2014
Date Analyzed 7/2/2014

Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6104	110-01	BEIGE NONFIBROUS		ND		2 VERMICULITE 98 OTHER
14-6105	110-02	BEIGE NONFIBROUS		ND		2 VERMICULITE 98 OTHER
14-6106	110-03	BEIGE NONFIBROUS		ND		2 VERMICULITE 98 OTHER
14-6107	110-04	BEIGE NONFIBROUS		ND		2 VERMICULITE 98 OTHER

Analyzed by: Jane Wasilewski
Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6108	110-05	BEIGE NONFIBROUS		ND		2 VERMICULITE 98 OTHER
14-6109A	110-06	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 GYPSUM
14-6109B	110-06	WHITE NONFIBROUS	JT COMPOUND	ND		100 OTHER
14-6110A	110-07	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 GYPSUM
14-6110B	110-07	WHITE NONFIBROUS	JT COMPOUND	ND		100 OTHER
14-6111A	110-08	BEIGE FIBROUS	LINOLEUM	ND	25 CELLULOSE	75 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6111B	110-08	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6112A	110-09	BEIGE FIBROUS	LINOLEUM	ND	25 CELLULOSE	75 OTHER
14-6112B	110-09	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6113A	110-10	BEIGE FIBROUS	LINOLEUM	ND	20 CELLULOSE 3 GLASS	77 OTHER
14-6113B	110-10	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6114	110-11	BEIGE FIBROUS	LINOLEUM (ONLY)	ND	20 CELLULOSE 3 GLASS	77 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6115A	110-12	BEIGE FIBROUS	LINOLEUM	ND	35 CELLULOSE 2 GLASS	63 OTHER
14-6115B	110-12	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6116A	110-13	BEIGE FIBROUS	LINOLEUM	ND	35 CELLULOSE 2 GLASS	63 OTHER
14-6116B	110-13	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6117	110-14	GOLD FIBROUS		30 CHRYSOTILE	2 CELLULOSE	68 OTHER
14-6119	110-16	BEIGE FIBROUS		ND	5 CELLULOSE 2 GLASS	93 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6120A	110-17	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6120B	110-17	WHITE NONFIBROUS	LEVELING COMPOUND	ND		100 OTHER
14-6121	110-18	BEIGE NONFIBROUS		ND		100 OTHER
14-6122	110-19	BEIGE NONFIBROUS		ND		100 OTHER
14-6123	110-20	BEIGE PLIABLE		ND		100 OTHER
14-6124	110-21	BEIGE PLIABLE		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/25/14	1650	6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
110 Saddlebrook					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/25/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
110-01	A	I	14-6104								
02	A	I	05								
03	A	I	06								
04	A	I	07								
05	A	I	08								
06	B	P	09								Drywall system
07	B	P	10								↓
08	C	P	11								Sheet flooring
09	C	P	12								↓
10	D	P	13								
11	D	P	14								
12	E	P	15								
13	E	P	16								
14	F	P	17								
15	F	P	14-6118								

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

⊕ stop

BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
#358-14-072	City of Durham	B Bryant	6/25/14	1650	6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
110 Saddlebrook					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/25/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
110-16	G	P	14-6119								Sheet flooring ↓
17	G	P	20								
18	H	P	21								Window glazing ↓
19	H	P	22								
20	I	P	23								caulk
21	I	P	14-6124								caulk
* 22	J	P	—								Roofing ↓
* 23	J	P	—								

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

* Samples not received. JT

MATERIAL TYPES

A - <4" Pipe Fitting	G - 9-14" Pipe	M - A.H.U. Exp. Jt.
B - 4-8" Pipe Fitting	H - >14" Pipe	N - Ceiling/Wall Tile
C - 9-14" Pipe Fitting	I - Spray-On/Trowel	O - Fiberboard
D - >14" Pipe Fitting	J - Floor Tile	P - Other (See notes - Front or back)
E - <4" Pipe	K - Tanks/Boiler	
F - 4-8" Pipe	L - A.H.U. Insul.	

S&ME
9771D Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Greensboro Branch
Client Job City of Durham 1507 Goodwin Rd

3718 Old Battleground Rd.
Greensboro NC 27410

Date Received 6/30/2014
Date Analyzed 7/3/2014

Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6168	1507-01	BEIGE NONFIBROUS		2 CHRYSOTILE		3 PERLITE 95 OTHER
14-6173	1507-06	TAN FIBROUS		10 CHRYSOTILE	1 CELLULOSE	89 OTHER
14-6175A	1507-08	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 GYPSUM
14-6175B	1507-08	BEIGE NONFIBROUS	JT COMPOUND	3 CHRYSOTILE		97 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6175C	1507-08	TAN/BEIGE FIBROUS	COMPOSITE	<1 CHRYSOTILE	10 CELLULOSE	90 GYPSUM <1 OTHER
14-6176A	1507-09	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 GYPSUM
14-6176B	1507-09	BEIGE NONFIBROUS	JT COMPOUND	3 CHRYSOTILE		97 OTHER
14-6176C	1507-09	TAN/BEIGE FIBROUS	COMPOSITE	<1 CHRYSOTILE	10 CELLULOSE	90 GYPSUM <1 OTHER
14-6177	1507-10	BEIGE NONFIBROUS		2 CHRYSOTILE		2 VERMICULITE 96 OTHER
14-6182	1507-15	WHITE PLIABLE		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6183	1507-16	WHITE PLIABLE		ND		100 OTHER
14-6184	1507-17	GREY FIBROUS		3 CHRYSOTILE		97 OTHER
14-6186	1507-19	GREY FIBROUS		ND	65 CELLULOSE 2 MINERAL WOOL	33 PERLITE
14-6187	1507-20	GREY FIBROUS		ND	65 CELLULOSE 2 MINERAL WOOL	33 PERLITE
14-6188	1507-21	TAN FIBROUS		ND	100 CELLULOSE	<1 OTHER
14-6189	1507-22	TAN FIBROUS		ND	100 CELLULOSE	<1 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6190	1507-23	SILVER/GREY FIBROUS		55 CHRYSOTILE	15 CELLULOSE	30 OTHER
14-6192A	1507-25	BLACK FIBROUS	SHINGLE	ND	20 GLASS	80 OTHER
14-6192B	1507-25	BLACK FIBROUS	FELT	ND	85 CELLULOSE	15 OTHER
14-6193A	1507-26	BLACK FIBROUS	SHINGLE	ND	20 GLASS	80 OTHER
14-6193B	1507-26	BLACK FIBROUS	FELT	ND	85 CELLULOSE	15 OTHER
14-6194	1507-27	BLACK NONFIBROUS		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6195	1507-28	BLACK NONFIBROUS		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	B L Bryant	6/26/14		6/30/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
1507 Goodwin Rd.					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
B. Bryant, M. Cook					

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
1507-01	A	I	14-6168								
02	A	I	69								
03	A	I	70								
04	A	I	71								
05	A	I	72								
06	B	P	73								Sheet flooring
07	B	P	74								Sheet flooring
08	C	P	75								Drywall system
09	C	P	76								
10	D	I	77								
11	D	I	78								
12	D	I	79								
13	D	I	80								
14	D	I	81								
15	E	P	14-6182								caulk

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

(H) stop

BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/24/14		6/30/14
FACILITY: 1507 Goodwin Rd.		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
SAMPLER(S): B. Bryant, M. Cook	DATE TAKEN	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
1507-16	E	P	14-6183								caulk
17	F	P	84								caulk
18	F	P	85								caulk
19	G	N	86								
20	G	N	87								
21	H	N	88								
22	H	N	89								
23	I	P	80								insulation paper
24	I	P	91								insulation paper
25	J	P	92								Roofing
26	J	P	93								Roofing
27	K	P	94								flashing
28	K	P	14-6195								flashing

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

S&ME
9771D Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Greensboro Branch
Client Job City of Durham 1509 Goodwin Rd

3718 Old Battleground Rd.
Greensboro NC 27410

Date Received 6/30/2014
Date Analyzed 7/3/2014

Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6196	1509-01	BEIGE NONFIBROUS		2 CHRYSOTILE		2 VERMICULITE 96 OTHER
14-6201A	1509-06	BEIGE FIBROUS	LINOLEUM	ND	35 CELLULOSE 2 GLASS	63 OTHER
14-6201B	1509-06	WHITE NONFIBROUS	MASTIC	ND		100 OTHER
14-6202	1509-07	BEIGE FIBROUS	LINOLEUM (ONLY)	ND	35 CELLULOSE 2 GLASS	63 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6203A	1509-08	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 GYPSUM
14-6203B	1509-08	BEIGE NONFIBROUS	JT COMPOUND	2 CHRYSOTILE		98 OTHER
14-6203C	1509-08	TAN/BEIGE FIBROUS	COMPOSITE	<1 CHRYSOTILE	10 CELLULOSE	90 GYPSUM <1 OTHER
14-6204A	1509-09	TAN/BEIGE FIBROUS	SHEETROCK	ND	20 CELLULOSE	80 GYPSUM
14-6204B	1509-09	BEIGE NONFIBROUS	JT COMPOUND	2 CHRYSOTILE		98 OTHER
14-6204C	1509-09	TAN/BEIGE FIBROUS	COMPOSITE	<1 CHRYSOTILE	20 CELLULOSE	80 GYPSUM <1 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6205	1509-10	ORANGE FIBROUS		2 CHRYSOTILE		98 OTHER
14-6207	1509-12	SILVER/GREY FIBROUS		55 CHRYSOTILE	20 CELLULOSE	25 OTHER
14-6208	1509-13	TAN NONFIBROUS		ND		100 OTHER
14-6209	1509-14	TAN NONFIBROUS		ND		100 OTHER
14-6210	1509-15	WHITE PLIABLE		ND		100 OTHER
14-6211	1509-16	BEIGE FIBROUS		3 CHRYSOTILE		97 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6212A	1509-17	BLACK FIBROUS	SHINGLE 1	ND	20 GLASS	80 OTHER
14-6212B	1509-17	BLACK FIBROUS	SHINGLE 2	ND	20 GLASS	80 OTHER
14-6212C	1509-17	BLACK FIBROUS	FELT	ND	80 CELLULOSE	20 OTHER
14-6213A	1509-18	BLACK FIBROUS	SHINGLE 1	ND	20 GLASS	80 OTHER
14-6213B	1509-18	BLACK FIBROUS	SHINGLE 2	ND	20 GLASS	80 OTHER
14-6213C	1509-18	BLACK FIBROUS	FELT	ND	80 CELLULOSE	20 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

For heterogeneous samples easily separated into subsamples, and for layered samples, each component is analyzed separately. ND = None Detected (Asbestos Not Present In Representative Sample). RCF= (Refractory Ceramic Fiber) The results relate only to the items tested.
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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6214	1509-19	WHITE RUBBERY		ND		100 OTHER
14-6215	1509-20	WHITE RUBBERY		ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	B. Bryant	6/26/14		6/30/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
1509 Goodwin Rd.					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
B. Bryant, M. Cook	6/26/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
1509-01	A	I	14-6196								
02	A	I	97								
03	A	I	98								
04	A	I	6199								
05	A	I	6200								
06	B	P	01								Sheet flooring
07	B	P	02								Sheet flooring
08	C	P	03								Drywall system
09	C	P	04								Drywall system
10	D	P	05								Sheet flooring
11	D	P	06								Sheet flooring
12	E	P	07								insulation paper
13	F	P	08								window glazing
14	F	P	09								window glazing
15	G	P	14-6210								caulk

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

(+) stop

BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/26/14		6/30/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
1509 Goodwin Rd.					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
B. Bryant, M. Cook	6/26/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
1509-16	G	P	14-6211								caulk
17	H	P	12								roofing
18	H	P	13								roofing
19	I	P	14								flashing
20	I	P	14-6215								flashing

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe
G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.
M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

S&ME
9771D Southern Pine Boulevard
Charlotte, NC 28273
704-940-1830 Fax 704-565-4929
NVLAP Lab Code 102075-0

POLARIZED LIGHT MICROSCOPY
Performed by EPA 600/R-93/116 Method

Asbestos Analysis Summary

Client Name Greensboro Branch
Client Job City of Durham 3601 Wishart St.

3718 Old Battleground Rd.
Greensboro NC 27410

Date Received 6/26/2014
Date Analyzed 7/2/2014

Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6125	3601-01	BEIGE NONFIBROUS		3 CHRYSOTILE		2 VERMICULITE 95 OTHER2
14-6130A	3601-06	TAN/BEIGE FIBROUS	SHEETROCK	ND	20 CELLULOSE	80 GYPSUM
14-6130B	3601-06	BEIGE NONFIBROUS	JT COMPOUND	2 CHRYSOTILE		98 OTHER
14-6130C	3601-06	TAN/BEIGE FIBROUS	COMPOSITE	<1 CHRYSOTILE	20 CELLULOSE	80 GYPSUM <1 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6131A	3601-07	TAN/BEIGE FIBROUS	SHEETROCK	ND	10 CELLULOSE	90 GYPSUM
14-6131B	3601-07	BEIGE NONFIBROUS	JT COMPOUND	2 CHRYSOTILE		98 OTHER
14-6131C	3601-07	TAN/BEIGE FIBROUS	COMPOSITE	<1 CHRYSOTILE	10 CELLULOSE	90 GYPSUM <1 OTHER
14-6132A	3601-08	BEIGE FIBROUS	LINOLEUM	ND	35 CELLULOSE 2 GLASS	63 OTHER
14-6132B	3601-08	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6133A	3601-09	BEIGE FIBROUS	LINOLEUM	ND	35 CELLULOSE 2 GLASS	63 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	*Sample #:*	*Appearance*	*Comments*	*Asbestos %/Type*	*Non-Asbestos Fibrous %/Type*	*Non-Fibrous %/Type*
14-6133B	3601-09	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6134	3601-10	GREY NONFIBROUS	TILE (ONLY)	ND		100 OTHER
14-6135A	3601-11	GREY NONFIBROUS	TILE	ND		100 OTHER
14-6135B	3601-11	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6136A	3601-12	BEIGE NONFIBROUS	TILE	ND		100 OTHER
14-6136B	3601-12	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6137A	3601-13	BEIGE NONFIBROUS	TILE	ND		100 OTHER
14-6137B	3601-13	YELLOW NONFIBROUS	MASTIC	ND		100 OTHER
14-6138	3601-14	TAN NONFIBROUS		2 CHRYSOTILE		98 OTHER
14-6140	3601-16	GREY FIBROUS		3 CHRYSOTILE		97 OTHER
14-6142A	3601-18	BLACK FIBROUS	SHINGLE 1	ND	40 CELLULOSE	60 OTHER
14-6142B	3601-18	BLACK FIBROUS	SHINGLE 2	ND	35 CELLULOSE	65 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6142C	3601-18	BLACK FIBROUS	SHINGLE 3	ND	35 CELLULOSE	65 OTHER
14-6142D	3601-18	BLACK FIBROUS	FELT	ND	75 CELLULOSE	25 OTHER
14-6143A	3601-19	BLACK FIBROUS	SHINGLE 1	ND	60 CELLULOSE	40 OTHER
14-6143B	3601-19	BLACK FIBROUS	SHINGLE 2	ND	35 CELLULOSE	65 OTHER
14-6143C	3601-19	BLACK FIBROUS	SHINGLE 3	ND	35 CELLULOSE	65 OTHER
14-6143D	3601-19	BLACK FIBROUS	SHINGLE 4	ND	35 CELLULOSE	65 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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Job Number 4358-14-072

Lab ID:	Sample #:	Appearance	Comments	Asbestos %/Type	Non-Asbestos Fibrous %/Type	Non-Fibrous %/Type
14-6143E	3601-19	BLACK FIBROUS	FELT	ND	65 CELLULOSE	35 OTHER
14-6144	3601-20	YELLOW FIBROUS		35 CHRYSOTILE	2 CELLULOSE	63 OTHER
14-6146A	3601-22	BLACK FIBROUS	SHINGLE	ND	35 CELLULOSE	65 OTHER
14-6146B	3601-22	BLACK FIBROUS	FELT	ND	75 CELLULOSE	25 OTHER
14-6147A	3601-23	BLACK FIBROUS	SHINGLE	ND	35 CELLULOSE	65 OTHER
14-6147B	3601-23	BLACK FIBROUS	FELT	ND	75 CELLULOSE	25 OTHER

Analyzed by: Jane Wasilewski

Additional Comments:

Jane Wasilewski
Laboratory Manager

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BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/25/14	1650	6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3601 Wishart St.					
SAMPLER(S)	DATE TAKEN	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/25/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
3601-01	A	I	14-6125								
02	A	I	26								
03	A	I	27								
04	A	I	28								
05	A	I	29								
06	B	P	30								Drywall system
07	B	P	31								↓
08	C	P	32								Sheet flooring
09	C	P	33								↓
10	D	P	34								
11	D	P	35								
12	E	P	36								
13	E	P	37								
14	F	P	38								Window glazing
15	F	P	14-6139								

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

A - <4" Pipe Fitting	G - 9-14" Pipe	M - A.H.U. Exp. Jt.
B - 4-8" Pipe Fitting	H - >14" Pipe	N - Ceiling/Wall Tile
C - 9-14" Pipe Fitting	I - Spray-On/Trowel	O - Fiberboard
D - >14" Pipe Fitting	J - Floor Tile	P - Other (See notes - Front or back)
E - <4" Pipe	K - Tanks/Boiler	
F - 4-8" Pipe	L - A.H.U. Insul.	

+ stop

BULK SAMPLE

CHAIN OF CUSTODY RECORD

S&ME
ENVIRONMENTAL SERVICES
ENGINEERING • TESTING

PROJECT NO.	PROJECT NAME	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
4358-14-072	City of Durham	Bob Bryant	6/25/14	1650	6/26/14
FACILITY		RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
3601 Wishart St.					
SAMPLER(S)	**DATE TAKEN**	RELINQUISHED BY:	DATE	TIME	RECEIVED BY:
Bob Bryant	6/25/14				

SAMPLE #	HOMOGENEOUS AREA	MATERIAL TYPE	LAB NUMBER	DATE ANALYZED	ANALYSTS INITIALS	ASBESTOS +	ASBESTOS N/D	ARCHIVE NUMBER	DATE ARCH	ARCHIVER INITIALS	SPECIAL INSTRUCTIONS
3601-16	~~X~~G	P	14-6140								Caulk ↓
17	G	P	41								
18	H	P	42								Roofing ↓
19	H	P	43								
20	I	P	44								Sheet flooring ↓
21	I	P	45								
22	J	P	46								Roofing ↓
23	J	P	6147								

ALL SAMPLES WILL BE DISPOSED OF NINETY DAYS AFTER ANALYSIS UNLESS OTHERWISE REQUESTED

MATERIAL TYPES

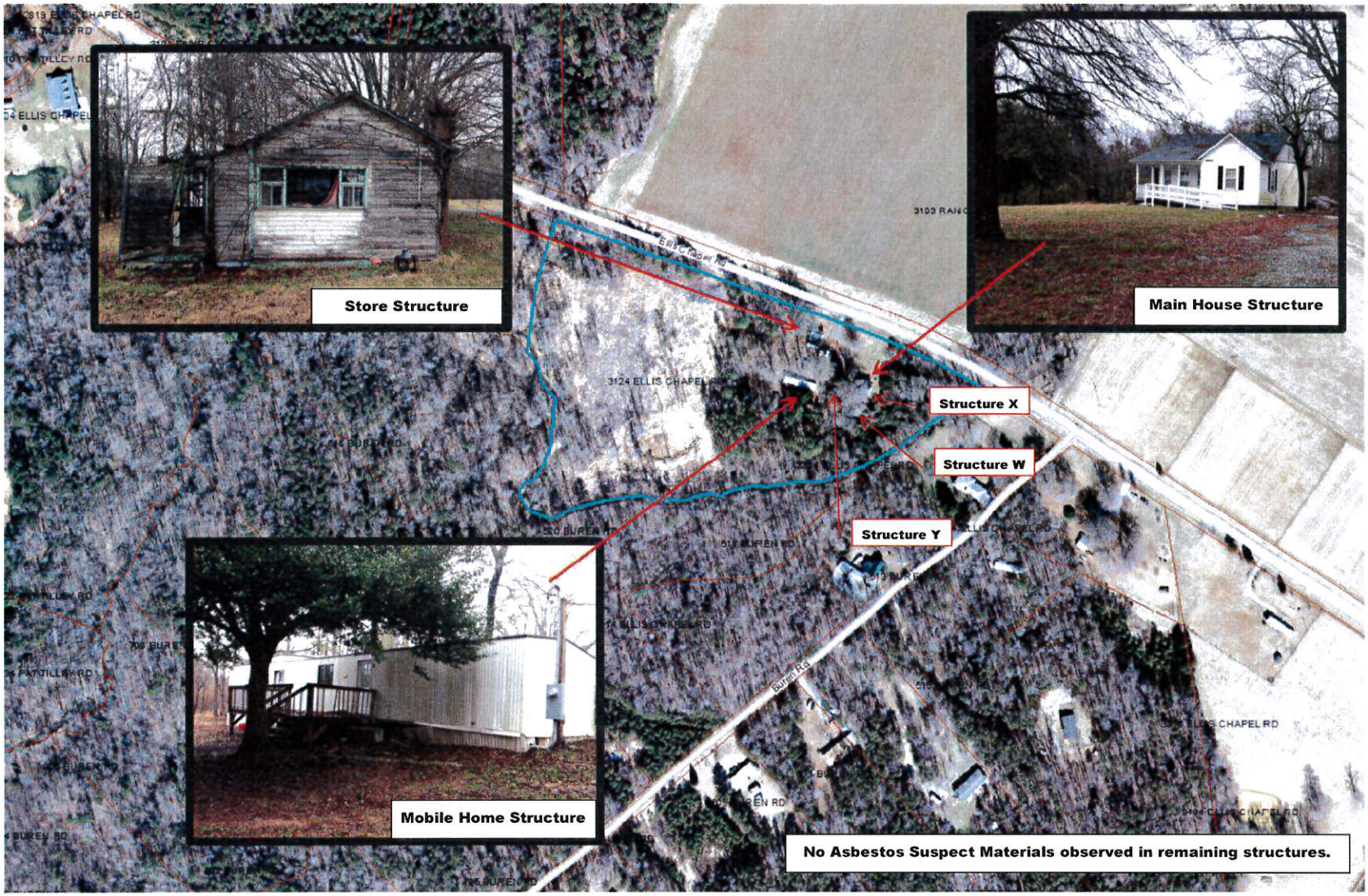
A - <4" Pipe Fitting
B - 4-8" Pipe Fitting
C - 9-14" Pipe Fitting
D - >14" Pipe Fitting
E - <4" Pipe
F - 4-8" Pipe

G - 9-14" Pipe
H - >14" Pipe
I - Spray-On/Trowel
J - Floor Tile
K - Tanks/Boiler
L - A.H.U. Insul.

M - A.H.U. Exp. Jt.
N - Ceiling/Wall Tile
O - Fiberboard
P - Other (See notes - Front or back)

APPENDIX III

Figure F-1 Structure Locations
3124 Ellis Chapel Road, Bahama, NC



SCALE:	DATE:			
NTS	07-18-2014		S&ME WWW.SMEINC.COM	**Asbestos Inspection & Universal Waste Assmt.** Structure Locations 3124 Ellis Chapel Road, Bahama, NC	FIGURE NO. **F-1**
PROJECT NO:	DRAWN BY:	CHECKED BY:			
4358-14-072	DWF	MC			