

Enviro Assessments East, Inc.
Asbestos-Lead-Mold Inspections & Abatement

10705 Hwy 55 West
Dover, NC 28526
Phone (252) 527-3052
FAX (252) 527-3055
Email Josh@eae-inc.com
www.eae-inc.com

Inspection # - ASB16-0921-02

Wednesday, September 21, 2016

City of Greenville
200 West 5th Street
Greenville, NC 27835

Reference: Asbestos Inspection Report
105 East 1st Street – Radio Tower Building
Greenville, NC 27858

Dear City of Greenville,

Enviro Assessments East, Inc. (EAE, Inc.) has completed the Asbestos Survey of the Property located at 105 East 5th Street in Greenville, NC. We are pleased to provide you with this report, and if there are any questions please let us know.

Description of Services

An Asbestos Survey was performed on September, 19th, 2016 by NC Licensed inspector Jason T. Simpson (NC Inspector # 12882). The inspection was conducted in general accordance with the U.S. Environmental Protection Agency requirements and in General accordance with the North Carolina Health Hazards Control Unit. This inspection was performed in preparation for the demolition of the radio tower and building located on site.

Inspection Process

EAE, Inc. began the survey by determining homogeneous areas within each structure. Those areas are defined as having suspect materials that are alike based upon location, material type, color, texture, and time period of installation. Representative bulk samples were collected of each homogeneous area of each structure.

As required a minimum of 2 samples were taken of each material. These account for a total of 8 Bulk samples taken for analysis and 0 additional layers separated by the lab for a total of 8 Samples. All samples were double bagged and sent along with a chain of Custody (Attached) to a National Voluntary Laboratory Accreditation Program (NVLAP) approved laboratory for analysis. The samples were analyzed using Polarized Light Microscopy (PLM).

Results and Recommendations

Of the 8 totals samples analyzed, 2 were found to contain asbestos. It is required that these materials be properly abated prior to disturbance by renovation activities or demolition. Please see the table below for a description of materials found to contain asbestos.

Sample #	Material Type	Location	% Asbestos	Quantity
1,2	Cool Seal	Building Roof	3% Chrysotile	Approx. 170 SF

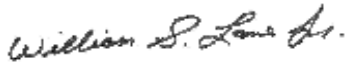
- All square footages are approximate.

Limitations

To the best of my knowledge, no other asbestos containing materials were found that were sampled in this survey. Before a building is to be renovated or demolished, all asbestos material that will be disturbed should be removed by a North Carolina State Licensed Asbestos Contractor using only licensed workers and supervisors.

If during demolition or remodeling any other suspect asbestos material is discovered, stop work immediately and test those materials for asbestos.

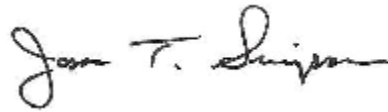
Sincerely,



William S. Lane Jr., President
Enviro Assessments East, Inc.

NC Asbestos Inspection # 12021
NC Asbestos Supervisor # 33514
NC General Contracting # 60742
NC Lead Firm # FPB-0292
NC RRP # RRP-0943
NC Lead Supervisor # 130279
VA & SC License upon Request

Sincerely,



Jason T. Simpson, Estimator/PM
Enviro Assessments East, Inc.

NC Asbestos Inspector # 12882
NC Asbestos Supervisor # 34329

Enviro Assessments East, Inc.

Asbestos-Lead-Mold Inspections & Abatement

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Phone (252) 527-3052
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Email Josh@eae-inc.com
www.eae-inc.com

Inspection # - LEAD16-0921-01

Wednesday, September 21, 2016

City of Greenville
200 West 5th Street
Greenville, NC 27835

Reference: Lead Inspection Report
 105 East 1st Street – Radio Tower and Building
 Greenville, NC 27858

Dear City of Greenville,

Enviro Assessments East, Inc. (EAE, Inc.) has completed the Limited Lead Survey of the Property located at 105 East 1st Street in Greenville, NC. We are pleased to provide you with this report, and if there are any questions please let us know.

Description of Services

Paint chip sampling was performed on September 19th, 2016 by William S. Lane Jr. The inspection was conducted in general accordance with professional industry standards. This inspection was performed to identify the presence of lead paint prior to the demolition of the Radio Tower and Building located on site. This inspection was conducted in accordance with OSHA Lead sampling regulation.

Inspection Process

EAE, Inc. began the survey by observing the building and tower to be demolished. Once specific areas were identified for inspection, EAE Inc. identified which paint types were homogeneous. These paints are alike based upon color and substrate type in which it is applied. Representative paint chip samples were collected of each homogeneous area of each structure.

As a minimum, 1 sample of each homogenous paint is required to be taken. These account for a total of 6 Bulk samples taken for analysis. All samples were double bagged and sent along with a chain of Custody (Attached) to Schneider Labs located in Richmond, VA. The samples were analyzed using Flame Atomic Absorption (FLAA), in accordance with Method EPA 3050B and 7000B.

Results and Recommendations

Of the 6 samples analyzed, 3 were found to be above EPA and HUD standard for lead base paint of 0.5% by dry weight. See individual samples in table below.

Sample #	Sample Area	Condition of Paint	Color	Analysis % by Weight
1	Metal Doors and Frames (Building)	Poor	White	0.922
2	Interior Wood Shelving (Building)	Poor	White	0.0108
3	Interior and Exterior Block Walls (Building)	Poor	White	0.00542
4	Exterior Wood Trim (Building)	Poor	White	0.528
5	Radio Tower	Poor	Red	12.2
6	Support Bracket (Exterior Building Antennae)	Poor	White	0.00441

Note: Due to this property being classified as commercial, EPA Lead RRP as well as HUD regulations do not apply during the renovation/demolition activities.

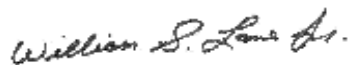
Note: OSHA considers ANY detectable levels of lead a concern when renovation or demolition will disturb the painted surface. Therefore, OSHA regulations must be followed during these activities, as it pertains to worker health and safety

Limitations

To the best of my knowledge, no other lead containing paint was found that was sampled in this survey. If renovation or demolition activities are to impact lead coated surfaces, all work should be conducted by workers trained in "lead safe work practices" as outlined by the Occupational Safety and Health Administration (OSHA).

If during demolition or renovation any other suspect lead containing material is discovered, stop work immediately and presume or test those materials for lead. In addition, all lead coated components or paint removed from lead coated components should be disposed of in accordance with all Federal, State and Local Regulations.

Sincerely,



William S. Lane Jr., President
Enviro Assessments East, Inc.

NC Asbestos Inspection # 12021
NC Asbestos Supervisor # 33514
NC General Contracting # 60742
NC Lead Firm # FPB-0292
NC RRP # RRP-0943
NC Lead Supervisor # 130279
VA & SC License upon Request

Attachment I



Customer: Enviro Assessments East Inc. (1833)
Address: 10705 Highway 55 West
Dover, NC 28526

Order #: 185099

Received 09/20/16
Analyzed 09/20/16
Reported 09/20/16

Attn:
Project: Radio Tower Building 2
Location: Greenville Commons
Number:

PO Number:

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
185099-001	09/19/16	1	Roof		
Layer 1:	Cool Seal			3% CHRYSOTILE	97% NON FIBROUS MATERIAL
	Silver, Bituminous				
185099-002	09/19/16	2	Roof		
Layer 1:	Cool Seal			3% CHRYSOTILE	97% NON FIBROUS MATERIAL
	Silver, Bituminous				
185099-003	09/19/16	3	Roof		
Layer 1:	Built-up Roofing			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				55% NON FIBROUS MATERIAL
185099-004	09/19/16	4	Roof		
Layer 1:	Built-up Roofing			None Detected	45% CELLULOSE FIBER
	Black, Bituminous/Fibrous				55% NON FIBROUS MATERIAL
185099-005	09/19/16	5	Window		
Layer 1:	Caulking			None Detected	100% NON FIBROUS MATERIAL
	White, Rubbery				
185099-006	09/19/16	6	Window		
Layer 1:	Caulking			None Detected	100% NON FIBROUS MATERIAL
	White, Rubbery				
185099-007	09/19/16	7	Barrel		
Layer 1:	Coating			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL
185099-008	09/19/16	8	Barrel		
Layer 1:	Coating			None Detected	40% CELLULOSE FIBER
	Black, Bituminous/Fibrous				60% NON FIBROUS MATERIAL

Reporting Limit: 1% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

Method: EPA 600/R-93/116 & 600/M4-82-020

PLM Analysis

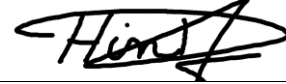
Sample ID	Collected	Cust. ID	Location	Asbestos Fibers	Other Materials
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Analyst: Wilson, John

Total layers analyzed on order: 8

185099-09/20/16 03:56 PM



Reviewed By: Hind Eldanaf

Microscopy Supervisor

Reporting Limit: 1% PLM analysis is based on Visual Estimation and NESHAP recommends that any asbestos content less than 10 percent be verified by PLM Point Count or TEM Analysis. The EPA recommends that any vermiculite sample with a trace (<1) or greater amount of asbestos is a concern and should be treated as Asbestos Containing Material (ACM). This report must not be reproduced except in full with the approval of the laboratory. The test results reported relate only to the samples submitted.

185099

R 8



V:1851185099

Enviro Assessments East, Inc. **ACCOUNT # 1833**
 10705 Hwy 55 West
 Dover, NC 28526
 Contact: Sammy Lane
 PH# 252-560-3363 Fax#252-527-3055
 Email: eae200@embarqmail.com
 labresults@eae-inc.com

LABORATORY TEST REQUEST

Laboratory Name: Schneider

sdaniel
UPS

9/20/2016 9:50:00 AM

1Z2E28999059709441

Account Name: City of Greenville
 Survey Site: Radio Tower Building
 Address: Greenville Commons
Greenville, NC 27838

Sample Type: **Asbestos Bulk**Analysis Type: **PLM**

Date Shipped:

9/19/16Turn Around Time: **24 HR**

of Samples:

8

Date Collected:

9/19/16**Special Instructions/Notes****Sample #****Sample type****Location****P/S**

Sample #	Sample type	Location	P/S
1	Cool Seal	Metal fascia Roof	
2	" "	" " "	
3	Built up Roof	Roof	
4	" " "	"	
5	Ceiling	Window	
6	"	"	
7	Coating	Barrel to Rear	
8	"	" " "	
9			
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26			

CHAIN OF CUSTODY RECORD

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY:	SAMPLES RELEASED BY:
<u>9/19/16</u>	Double Bagged		

Attachment II



Analysis Report

Schneider Laboratories Global, Inc

2512 W. Cary Street • Richmond, Virginia • 23220-5117
804-353-6778 • 800-785-LABS (5227) • Fax 804-359-1475

Customer: Enviro Assessments East Inc. (1833)
Address: 10705 Highway 55 West
Dover, NC 28526

Order #: 185101

Matrix: Paint
Received: 09/20/16
Analyzed: 09/20/16
Reported: 09/21/16

Attn:
Project: Radio Tower And Building
Location: Greenville Commons
Number:

PO Number:

Table with 8 columns: Sample ID, Cust. Sample ID, Location Method, Sample Date, Weight Total µg, % / Wt., Conc., RL*. Rows include sample details for Lead in various locations like Doors And Framing, Int Shelving, etc.

Analyst: OHE
185101-09/21/16 08:29 AM

Abisola O Kasali
Reviewed By: Abisola Kasali
Metals Supervisor

Minimum reporting limit: 10.0 µg. Lead Based Paint contains 0.5% lead by weight per Federal statute. The OSHA Lead in Construction Standard, 29 CFR 1926.62, is invoked if any lead is present in the sample. Concentration and *Reporting Limit (RL) based on weights provided by client. All internal QC parameters were met. Unusual sample conditions, if any, are described. Values are reported to three significant figures. PPM = mg/kg | PPB = µg/kg. The test results reported relate only to the samples submitted.

V:\185\185101
 sdaniel 9/20/2016 9:50:00 AM
 UPS 1Z2E28999059709441

Enviro Assessments East, Inc. **ACCOUNT # 1833**
 10705 Hwy 55 West
 Dover, NC 28526
 Contact: Sammy Lane
 PH# 252-560-3363 Fax#252-527-3055
 Email: eae200@embarqmail.com
 labresults@eae-inc.com

LABORATORY TEST REQUEST
 Laboratory Name: Schneider
 Account Name: City of Greenville
 Survey Site: Radio Tower + Building
 Address: Greenville Commons
Greenville, NC 27858

Lead Paint Chips

Sample Type: Asbestos-Bulk Analysis Type: PLM % by weight Date Shipped: 9/19/16
 Turn Around Time: 24 HR # of Samples: 6 Date Collected: 9/19/16

Special Instructions/Notes

Sample #	Sample type	Location	P/S
1	White Paint	Metal doors + framing	
2	" "	Interior Wood Shelving	
3	" "	Interior / Exterior Block Walls	
4	" "	Exterior Wood Trim	
5	Red " / Primer	metal Radio Tower	
6	White Paint	metal Support Bracket (South Side)	
7			
8			
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11			
12			
13			
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26			

CHAIN OF CUSTODY RECORD

DATE/TIME	CONDITION OF SAMPLE	SAMPLES RECEIVED BY:	SAMPLES RELEASED BY:
9/19/16	Double Bagged		