

**Limited Inspection for Asbestos Containing Materials  
Greenville County Health Department  
4 Story Tower  
200 University Ridge  
Greenville, SC 29601**

Prepared for:

***Mr. Perry Swearingen  
Greenville County  
301 University Ridge  
Greenville, SC 29601-3660***

August 28, 2012

Prepared by:

Environmental Testing and Management, Inc.

**Limited Inspection for Asbestos Containing Materials  
Greenville County Health Department  
4 Story Tower  
200 University Ridge  
Greenville, SC 29601**

**I. Introduction**

Environmental Testing and Management Inc., (ETM) was retained by Mr. Perry Swearingen of Greenville County to confirm a style of ceiling tile not thought to have been sampled previously due to the markings on the back was not in fact asbestos containing. This style of tile is marked as "Armstrong Fire Guard, Fire Resistive Ceiling, Replace Only With Same." Three samples of this tile as found on the second floor of the 4 Story Tower of the Greenville County Health Department were collected and submitted for analysis on August 23, 2012 by Andrew G. Schauder, CIH, of ETM.

**II. Results**

Three samples of suspect ceiling tile were collected. All samples returned as negative for the presence of asbestos upon bulk analysis by Carolina Environmental Laboratories, a NVLAP accredited lab.



Andrew Schauder, CIH  
SCDHEC License #1336 - Expiration: 09/21/12



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## ASBESTOS LABORATORY REPORT

Prepared for

**Environmental Testing & Management, Inc.**

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**PROJECT:** Greenville County; Health Department: 4 Story

**CEI LAB CODE:** A12-7546

**DATE ANALYZED:** 08/24/12

**DATE REPORTED:** 08/27/12

**TOTAL SAMPLES ANALYZED:** 3

**# SAMPLES >1% ASBESTOS:**

**TEL: 866-481-1412**

*www.ceilabs.com*



# Asbestos Report Summary

By: POLARIZING LIGHT MICROSCOPY

PROJECT: Greenville County; Health Department: 4    CEI LAB CODE: A12-7546  
Story

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METHOD: EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

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Client ID	Layer	Lab ID	Color	Sample Description	ASBESTOS %
1		A1334153	White,Tan	Ceiling Tile	None Detected
2		A1334154	White,Tan	Ceiling Tile	None Detected
3		A1334155	White,Tan	Ceiling Tile	None Detected



# ASBESTOS BULK ANALYSIS

By: POLARIZING LIGHT MICROSCOPY

**Client:** Environmental Testing & Management, Inc.  
 P.O. Box 896  
 Mauldin, SC 29662

**CEI Lab Code:** A12-7546  
**Date Received:** 08-24-12  
**Date Analyzed:** 08-24-12  
**Date Reported:** 08-27-12

**Project:** Greenville County; Health Department: 4 Story

## ASBESTOS BULK PLM, EPA 600 METHOD

Client ID Lab ID	Lab Description	Lab Attributes	NON-ASBESTOS COMPONENTS			ASBESTOS %
			Fibrous	Non-Fibrous		
1 A1334153	Ceiling Tile	Heterogeneous	60%	Cellulose	5%	None Detected
		White, Tan	20%	Fiberglass	5%	
		Fibrous			10%	
		Loosely Bound			Perlite	
2 A1334154	Ceiling Tile	Heterogeneous	60%	Cellulose	5%	None Detected
		White, Tan	20%	Fiberglass	5%	
		Fibrous			10%	
		Loosely Bound			Perlite	
3 A1334155	Ceiling Tile	Heterogeneous	60%	Cellulose	5%	None Detected
		White, Tan	20%	Fiberglass	5%	
		Fibrous			10%	
		Loosely Bound			Perlite	



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**LEGEND:**    Non-Anth = Non-Asbestiform Anthophyllite  
                  Non-Trem = Non-Asbestiform Tremolite  
                  Calc Carb = Calcium Carbonate

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**METHOD:**    EPA 600 / R93 / 116 and EPA 600 / M4-82 / 020

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The detection limit for the method is <1% by visual estimation and 0.25% by 400 point counts or 0.1% by 1,000 point counts.

Due to the limitations of the EPA 600 Method, nonfriable organically bound materials (NOBs) such as vinyl floor tiles can be difficult to analyze via polarizing light microscopy (PLM). EPA recommends that all NOBs analyzed by PLM, and found not to contain asbestos, be further analyzed by Transmission Electron Microscopy (TEM). Please note that PLM analysis of dust and soil samples for asbestos is not covered under NVLAP accreditation.

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**ANALYST:** \_\_\_\_\_

A handwritten signature in black ink, appearing to read "Megan Fisher", written over a horizontal line.

Megan Fisher

**APPROVED BY:** \_\_\_\_\_

A handwritten signature in black ink, appearing to read "Tianbao Bai", written over a horizontal line.

Tianbao Bai, Ph.D.  
Laboratory Director

