

Honor



The Earth

# Environmental Consulting Services, Inc.

October 26, 2016

SCDHEC  
301 Gervais Street  
Columbia, SC 29201  
Attn: Pete Creighton

RE: Limited Asbestos Inspection in SCDHEC Facility  
145 E. Cheves Street, Florence South Carolina

Dear Pete:

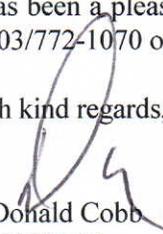
As per your request, I visited the SCDHEC facility located at 145 East Cheves Street in Florence, South Carolina on October 20, 2016. This visit was to collect suspect asbestos containing material samples prior to renovations concerning the small equipment room accessed from the exterior of the building. This room has a main entrance area with elevator equipment and an area that contains a water heater. This water heater is scheduled to be removed and replaced. The equipment room consists of a concrete slab floor, sheetrock walls, and a ceiling that is open to the second story metal floor sub deck. The water heater plumbing piping has non suspect pre formed fiberglass insulation with an all service jacket of white reinforced paper with a silver foil vapor barrier. The fittings on the plumbing piping were PVC fitting covers with non suspect fiberglass inserts. The suspect asbestos containing material observed concerning this upgrade was the sheetrock/drywall joint compound (DJC) wall material. This material collected was then forwarded to a NVLAP rated laboratory for PLM analysis.

According to the enclosed laboratory results, this sheetrock/DJC material analyzed by PLM analysis yielded a negative for asbestos content and this wall material can be considered as conventional construction debris, for your renovation purposes.

Attempts were made by the inspector to sample all materials down to the substrate. ECS, Inc. will not be responsible for inaccessible suspect materials that may be uncovered during renovation. A detailed listing of samples, along with the EHS, Inc. laboratory analysis report is included in this report for your review. The square or linear footages of all materials sampled, condition of the materials ("good" or "damaged"), and potential for disturbance ("significant potential for disturbance" or "spd"), can be found on the enclosed "Executive Summary List of Suspect Materials form".

It has been a pleasure assisting you with this project and should you have any questions, please contact me at 803/772-1070 or at 803/609-7126 (mobile).

With kind regards,

  
G. Donald Cobb  
SCDHEC Licensed Management Planner # 22081  
2424-I

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- PLM Report of Suspect Asbestos Samples
- Project Drawing Detailing Suspect Asbestos Sample Locations
- Copy of Inspector/Management Planner's SCDHEC License

## PLM Report of Suspect Asbestos Samples

39m

ENVIRONMENTAL CONSULTING SERVICES, INC. EXECUTIVE SUMMARY LIST OF SUSPECT MATERIALS  
7001 St. Andrews Rd PMB 425 Columbia, SC 29212 FAX 803 216 9908 phone: 803 772 1070 CHAIN OF CUSTODY

CONSULTANT: Don Cobb LICENSE #: 22081 SUBMITTED TO: EAS  
E-MAIL RESULTS: YES ecsync@sc.ti.com

# OF SAMPLES: 3 DATE OF COLLECTION: 10/20/16 DATE SENT TO LAB: 10/20/16

ECS, INC. CLIENT: SODHEC CLIENT CONTACT: PIETE CREIGHTON

BUILDING NAME: SODHEC Bldg PROJ.#: 2424 I

PHYSICAL ADDRESS: 145 EAST CAEVES STR. FLORENCE SC

TYPE OF ANALYSIS: PCM PLM TEM LEAD AIR LEAD BK OTHER:

TURN TIME: ROUTINE

SAMPLE #	MATERIAL SAMPLED AND SAMPLE LOCATION	AMOUNT	IF ASBESTOS BULK		
			I,II-NF,F	COND.	PFD
01	SR/DIC WALL MATERIAL	< 900 FT <sup>2</sup>	1/NF	G	MPD
02	SR/DIC WALL MATERIAL	< 900 FT <sup>2</sup>	1/NF	G	MPD
03	SR/DIC WALL MATERIAL	< 900 FT <sup>2</sup>	1/NF	G	MPD

16-10-03214



Due Date:  
10/26/2016  
(Wednesday)  
AE

V

Relinquished by: [Signature]  
Relinquished by: T. Lohr

Received by: [Signature]  
Received by: [Signature]

PLEASE TYPE PROJECT NAME AND # ON REPORT, THANKS!  
SODHEC Bldg INSPECT-1



# Asbestos Bulk Analysis Report

Environmental Hazards Services, L.L.C.  
7469 Whitepine Rd  
Richmond, VA 23237  
Telephone: 800.347.4010

**Report Number:** 16-10-03214

**Client:** Environmental Consulting Svcs  
7001 St. Andrews Road  
PMB 425  
Columbia, SC 29212

**Received Date:** 10/21/2016  
**Analyzed Date:** 10/24/2016  
**Reported Date:** 10/25/2016

**Project/Test Address:** 2424I; SCDHEC Bldg; 145 East Cheves St; Florence, SC

**Client Number:**  
42-1931

**Fax Number:**  
803-216-9908

## Laboratory Results

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
16-10-03214-001	01		White Granular; Powder; White/Tan Fibrous; White Paint-Like; Inhomogeneous	NAD	18% Cellulose 2% Fibrous Glass 80% Non-Fibrous
16-10-03214-002	02		White Granular; Powder; White/Tan Fibrous; White Paint-Like; Inhomogeneous	NAD	18% Cellulose 2% Fibrous Glass 80% Non-Fibrous
16-10-03214-003	03		White Granular; Powder; White/Tan Fibrous; White Paint-Like; Inhomogeneous	NAD	18% Cellulose 2% Fibrous Glass 80% Non-Fibrous

# Environmental Hazards Services, L.L.C

Client Number: 42-1931  
Project/Test Address: 2424I; SCDHEC Bldg; 145 East Cheves  
St; Florence, SC

Report Number: 16-10-03214

Lab Sample Number	Client Sample Number	Layer Type	Lab Gross Description	Asbestos	Other Materials
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QC Sample: 90-M22014-4  
QC Blank: SRM 1866 Fiberglass  
Reporting Limit: 1% Asbestos  
Method: EPA Method 600/R-93/116, EPA Method 600/M4-82-020  
Analyst: Vickie Holmes

Reviewed By Authorized Signatory:

*Melissa Kanode*

Missy Kanode  
QA/QC Clerk

The condition of the samples analyzed was acceptable upon receipt per laboratory protocol unless otherwise noted on this report. Each distinct component in an inhomogeneous sample was analyzed separately and reported as a composite. Results represent the analysis of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of the Environmental Hazards Service, L.L.C. California Certification #2319 NY ELAP #11714 NVLAP #101882-0 VELAP 460172. All information concerning sampling location, date, and time can be found on Chain-of-Custody. Environmental Hazards Services, L.L.C. does not perform any sample collection.

Environmental Hazards Services, L.L.C. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy (TEM), (for enhanced detection capabilities) for materials regulated by EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

400 Point Count Analysis, where noted, performed per EPA Method 600/R-93/116 with a Reporting Limit of 0.25%.

\* All California samples analyzed by Polarized Light Microscopy, EPA Method 600/M4-82-020, Dec. 1982.

LEGEND: NAD = no asbestos detected

## Project Drawing Detailing Suspect Asbestos Sample Locations

**ENVIRONMENTAL CONSULTING SERVICES, INC.**

**INSPECTION INFORMATION FORM**

7001 St. Andrews Rd PMB 425 Columbia, SC 29212

803/772-1070

FAX: 803/216-9908

CONSULTANT: *D. COBB*

LICENSE #: *22081*

ECS, INC. CLIENT: *SCDHEC*

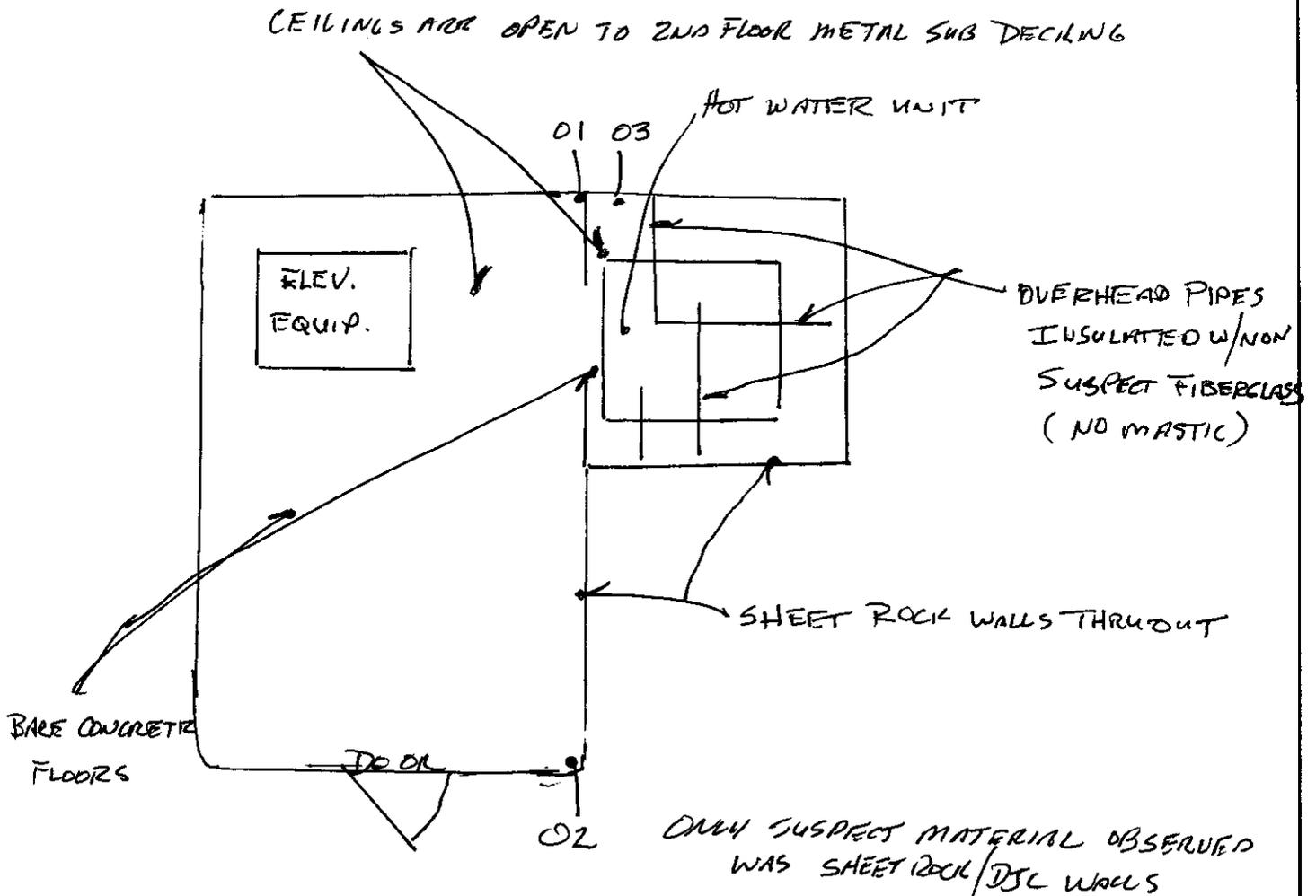
CLIENT CONTACT: *P. CREIGHTON*

PROJECT NAME: *SCDHEC BUILDING - FLORENCE SC*

PROJ. # *2424-I*

TYPE OF ANALYSIS:  PLM (ASBESTOS)  LEAD PAINT BULK  OTHER:

**SAMPLE LOCATION/WORK AREA DRAWING:**



*[Handwritten Signature]*

*10/20/19*

CONSULTANT SIGNATURE:

DATE:

**Copy of Inspector/Management Planner's SCDHEC License**

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**SCDHEC ISSUED**  
Asbestos ID Card

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**Donald G Cobb**



	Expiration Date
CONSULTMP	ASB-22081 01/19/17
CONSULTPD	ASB-22082 02/03/17
CONSULTBI	BI-01502 01/19/17
AIRAMPLER	ASB-22080 01/14/17
SUPERHERA	ASB-45443 01/14/17