



Shaping the Future

November 5, 2014

Mr. Mike Sanders  
State of Connecticut  
Department of Administrative Services  
Division of Construction Services  
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Re: Asbestos Inspection  
Duplex Residence  
Seaside Regional Center  
Waterford, Connecticut  
Project MH-14-23  
Building 64640  
Cardno ATC Project 61.22573.0020 Task 20071

Dear Mr. Sanders:

Please find enclosed the Asbestos Inspection Report for the Duplex Residence at Seaside Regional Center located in Waterford, Connecticut.

Should you have any questions concerning this report, do not hesitate to contact me at 860 282-9924 ext. 1123.

Sincerely,

**Cardno ATC**

A handwritten signature in blue ink, appearing to read 'Edward P. Fennell Jr.', written over a horizontal line.

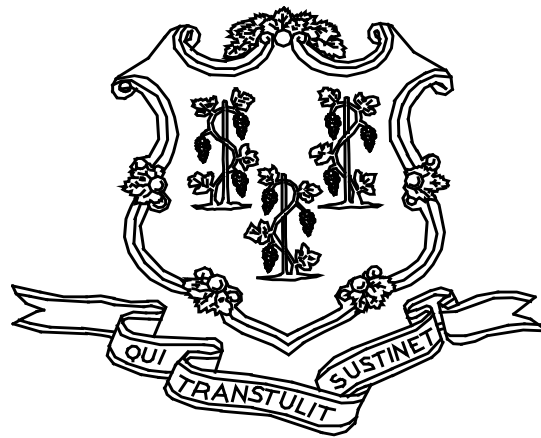
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Encl:

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# **ASBESTOS INSPECTION REPORT**

**DUPLEX RESIDENCE  
SEASIDE REGIONAL CENTER  
WATERFORD, CONNECTICUT  
BUILDING 64640  
PROJECT MH-14-23**



**STATE OF CONNECTICUT  
DEPARTMENT OF ADMINISTRATIVE SERVICES  
DIVISION OF CONSTRUCTION SERVICES**

**Prepared by:**

**CARDNO ATC  
290 ROBERTS STREET - SUITE 301  
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**CARDNO ATC PROJECT 61.22573.0020 TASK 20071**

**NOVEMBER 5, 2014**

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## 1.0 INTRODUCTION

Cardno ATC (ATC) of East Hartford, Connecticut was retained by the State of Connecticut, Department of Administrative Services, Division of Construction Services (CTDCS) to conduct a limited inspection to identify asbestos-containing materials (ACM) at the Duplex Residence, Seaside Regional Center, Waterford, Connecticut. The purpose of the investigation was to test suspect materials prior to renovation activities.

The inspection was conducted by Mr. Stanley Szelag and Mr. Willie L. Thompson III on October 9, 2014. Mr. Szelag and Mr. Thompson are State of Connecticut Department of Public Health (CTDPH) licensed asbestos inspectors (CTDPH license number 000493 and 000673 respectively). The survey was performed as a walk-through visual inspection, combined with the collection and analysis of bulk samples.

## 2.0 ASBESTOS-CONTAINING MATERIALS SURVEY

Materials which were considered suspect ACM included: wall and ceiling plaster skim and base coats and scratch coat, floor tile and associated mastic, sheet flooring and associated adhesives, pipe and pipe fitting insulation, gypsum board, joint compound, ceramic wall and floor tile grout and setting compound, window and door caulking, window glazing, sink undercoat, flue cement, damp proofing, roofing materials and miscellaneous caulking and adhesives.

### 2.1 ASBESTOS BULK SAMPLE COLLECTION/ANALYSIS PROCEDURE

Building materials considered suspect ACM were inspected and assessed using the methods presented in the United States Environmental Protection Agency AHERA regulations (40 CFR Part 763) and NESHAP regulations (40 CFR Part 61).

ATC collected bulk samples of building materials utilizing a sampling strategy that correlated with 40 CFR 763.86 as follows:

- (a) *Surfacing materials.* An accredited inspector shall collect, in a statistically random manner that is representative of the homogeneous area, bulk samples from each homogeneous area of friable surfacing material that is not assumed to be ACM, and shall collect the samples as follows:
  - (1) At least three bulk samples shall be collected from each homogeneous area that is 1,000 ft<sup>2</sup> or less, except as provided in 40 CFR Part 763.87(c)(2).
  - (2) At least five bulk samples shall be collected from each homogeneous area that is greater than 1,000 ft<sup>2</sup> but less than or equal to 5,000 ft<sup>2</sup>, except as provided in 40 CFR Part 763.87(c)(2).
  - (3) At least seven bulk samples shall be collected from each homogeneous area that is greater than 5,000 ft<sup>2</sup>, except as provided in 40 CFR Part 763.87(c)(2).

(b) *Thermal system insulation.*

- (1) Except as provided in paragraphs (b)(2) through (4) of this section and 40 CFR Part 763.87(c), an accredited inspector shall collect, in a randomly distributed manner, at least three bulk samples from each homogeneous area of thermal system insulation that is not assumed to be ACM.
- (2) Collect at least one bulk sample from each homogeneous area of patched thermal system insulation that is not assumed to be ACM if the patched section is less than 6 linear or square feet.
- (3) In a manner sufficient to determine whether the material is ACM or not ACM, collect bulk samples from each insulated mechanical system that is not assumed to be ACM where cement or plaster is used on fittings such as tees, elbows, or valves, except as provided under 40 CFR Part 763.87(c)(2).
- (4) Bulk samples are not required to be collected from any homogeneous area where the accredited inspector has determined that the thermal system insulation is fiberglass, foam glass, rubber, or other non-ACM.

(c) *Miscellaneous materials.* In a manner sufficient to determine whether material is ACM or not ACM, an accredited inspector shall collect bulk samples from each homogeneous area of friable or non-friable miscellaneous material that is not assumed to be ACM.

The bulk samples collected during the survey were analyzed by EMSL Analytical, Inc. (NVLAP Lab Code 101048-9) located in New York, New York. The bulk samples were analyzed by Polarized Light Microscopy (PLM) with dispersion staining via EPA 600/R-93/116 and/or EPA 600/M4-82-020 Method(s). Utilizing PLM, the microscopist is able to identify and distinguish between asbestos group minerals and other fibrous materials such as cellulose, mineral wool, fiberglass, or synthetic fibers. The quantities of each of these substances is estimated based on the procedures defined in the above-cited reference and are reported as a percentage.

The EPA recognizes the following as asbestos: Chrysotile, Crocidolite, Amosite, Tremolite, Actinolite, and Anthophyllite. To be classified as ACM, the material must be determined to contain greater than one percent (1%) asbestos. In order to consider a material to be non-ACM, all samples of a homogeneous type of material that are collected must be analyzed and all results must indicate the material to contain less than 1% asbestos by weight.

### **3.0 ASBESTOS-CONTAINING MATERIALS**

The results of PLM laboratory analysis indicated that the following materials are asbestos-containing material (ACM). ACM are those materials that contain greater than 1% asbestos, and are as follows:

- Sheet Flooring Top Layer
- Sink Undercoating Rose
- Air Cell and Mag Pipe Insulation
- Mudded Pipe Fitting Insulation
- Flue Cement
- Window Caulking
- Store Room Window Caulk
- Perimeter Roof Flashing

- Gable Slate Tar

The remaining materials which were sampled and tested were found to contain no detectable amounts of asbestos. Specifically, the following materials were determined to be non-ACM:

- Wall Plaster - Skim Coat
- Wall Plaster - Base Coat
- Ceiling Plaster - Skim Coat
- Ceiling Plaster - Base Coat
- Wall Plaster - Scratch Coat
- Ceiling Plaster - Scratch Coat
- Gypsum Board
- Joint Compound
- Ceramic Floor Tile Setting Compound and Grout
- Ceramic Wall Tile Setting Compound and Grout
- Stair Tread and Associated Adhesive
- Sheet Flooring Bottom Layer
- Brown Floor Covering and Associated Adhesive
- Paper Under Brown Floor Covering
- 2'x2' Ceiling Tile
- Loose Insulation
- Door Frame Caulking
- Window Glazing
- Metal Window Glazing
- Gable Tar Paper
- Exterior Damp Proofing

Refer to Section 6.0, Bulk Sample Summary of Suspect Materials, for all suspect materials that were identified and sampled.

#### **4.0 DISCUSSION AND RECOMMENDATIONS**

EPA regulations require the removal of Regulated Asbestos-Containing Materials (RACM) prior to renovation or demolition activities. RACM is defined as (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 the forces expected to act on the material in the course of demolition or renovation activities. The CTDPH defines "asbestos abatement" as removal, encapsulation, enclosure, renovation, repair, demolition, or other disturbance of ACM but does not include activities which are related to (A) the removal or repair of asbestos cement pipe and are performed by employees of a water company as defined in section 25-32a, or (B) the removal of non-friable ACM found exterior to a building or structure other than material defined as RACM in 40 CFR 61, the National Emission Standards for Hazardous Air Pollutants (NESHAP). Based upon these definitions, ACM identified in the building requires removal prior to renovation, demolition, or disturbance. The State of Connecticut, Department of Energy and Environmental Protection (CTDEEP) regulations require the proper disposal of all ACM, regardless of categorization.

## **5.0 LIMITATIONS**

As with all such assessments, the results of the sampling represent conditions found on the date of the survey and may not represent conditions found at other times. Additionally, this assessment was limited with respect to the specific parameters indicated above and should not be construed to be a comprehensive evaluation or a definitive representation of conditions within the facility. The information presented in this report is intended to be used as a guide to evaluate the need for further investigation or the need for modifications to the processes or procedures surveyed.

## 6.0 BULK SAMPLE SUMMARY OF SUSPECT MATERIALS



**TABLE 6-1  
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS  
SEASIDE REGIONAL CENTER  
DUPLEX RESIDENCE**

<b>Sample Number</b>	<b>Sample Location</b>	<b>Material</b>	<b>% Asbestos</b>	<b>Asbestos Type</b>
100914-DB-1A	U-1 Kitchen	Sheet Flooring Top Layer	12	Chrysotile
100914-DB-1B	U-1 Laundry	Sheet Flooring Top Layer	18	Chrysotile
100914-DB-2A	U-1 Kitchen	Sheet Flooring Bottom Layer	ND	
100914-DB-2B	U-1 Laundry	Sheet Flooring Bottom Layer	ND	
100914-DB-3A	U-1 Kitchen	Sheet Flooring Between Layers Mastic	ND	
100914-DB-3B	U-1 Laundry	Sheet Flooring Between Layers Mastic	ND	
100914-DB-4A	U-1 Pantry	Brown Floor Covering	ND	
100914-DB-4B	U-1 Pantry	Brown Floor Covering	ND	
100914-DB-5A	U-1 Pantry	Brown Floor Covering Adhesive	ND	
100914-DB-5B	U-1 Pantry	Brown Floor Covering Adhesive	ND	
100914-DB-6A	U-1 Pantry	Paper Under Brown Floor Covering	ND	
100914-DB-6B	U-1 Pantry	Paper Under Brown Floor Covering	ND	
100914-DB-7A	U-1 Attic	Brown Sheet Flooring	ND	
100914-DB-7B	U-1 Attic	Brown Sheet Flooring	ND	
100914-DB-8A	U-1 Dining Room	Ceiling Plaster - Skim Coat	ND	
100914-DB-8B	U-1 Master Bed Room	Ceiling Plaster - Skim Coat	ND	
100914-DB-8C	U-1 Bed Room 2	Ceiling Plaster - Skim Coat	ND	
100914-DB-8D	U-1 2nd Floor Hallway	Ceiling Plaster - Skim Coat	ND	
100914-DB-8E	U-1 1st Floor Bath	Ceiling Plaster - Skim Coat	ND	
100914-DB-9A	U-1 Dine Room	Ceiling Plaster - Scratch Coat	ND	

**TABLE 6-1  
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS  
SEASIDE REGIONAL CENTER  
DUPLEX RESIDENCE**

<b>Sample Number</b>	<b>Sample Location</b>	<b>Material</b>	<b>% Asbestos</b>	<b>Asbestos Type</b>
100914-DB-9B	U-1 Master Bed Room	Ceiling Plaster - Scratch Coat	ND	
100914-DB-9C	U-1 Bed Room 2	Ceiling Plaster - Scratch Coat	ND	
100914-DB-9D	U-1 2nd Floor Hallway	Ceiling Plaster - Scratch Coat	ND	
100914-DB-9E	U-1 1st Floor Bath	Ceiling Plaster - Scratch Coat	ND	
100914-DB-10A	U-2 1st Fl Sun Room	Ceiling Plaster - Skim Coat	ND	
100914-DB-10B	U-2 Master Bed Room	Ceiling Plaster - Skim Coat	ND	
100914-DB-10C	U-2 Bed Room-1	Ceiling Plaster - Skim Coat	ND	
100914-DB-10D	U-2 Laundry	Ceiling Plaster - Skim Coat	ND	
100914-DB-11A	U-2 1st Floor Sun Room	Ceiling Plaster - Scratch Coat	ND	
100914-DB-11B	U-2 Master Bed Room	Ceiling Plaster - Scratch Coat	ND	
100914-DB-11C	U-2 Bed Room-1	Ceiling Plaster - Scratch Coat	ND	
100914-DB-11D	U-2 Laundry	Ceiling Plaster - Scratch Coat	ND	
100914-DB-12A	U-1 1st Floor Bath	Wall Plaster - Skim Coat	ND	
100914-DB-12B	U-1 Laundry	Wall Plaster - Skim Coat	ND	
100914-DB-12C	U-1 Dining Room	Wall Plaster - Skim Coat	ND	
100914-DB-12D	U-1 Master Bed Room	Wall Plaster - Skim Coat	ND	
100914-DB-13A	U-1 1st Floor Bath Room	Wall Plaster - Scratch Coat	ND	
100914-DB-13B	U-1 Laundry	Wall Plaster - Scratch Coat	ND	
100914-DB-13C	U-1 Laundry	Wall Plaster - Scratch Coat	ND	
100914-DB-13D	U-1 Master Bed Room	Wall Plaster - Scratch Coat	ND	

**TABLE 6-1  
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS  
SEASIDE REGIONAL CENTER  
DUPLEX RESIDENCE**

<b>Sample Number</b>	<b>Sample Location</b>	<b>Material</b>	<b>% Asbestos</b>	<b>Asbestos Type</b>
100914-DB-14A	U-2 Kitchen	Wall Plaster - Skim Coat	ND	
100914-DB-14B	U-2 Sun Room	Wall Plaster - Skim Coat	ND	
100914-DB-14C	U-2 2nd Floor Bath	Wall Plaster - Skim Coat	ND	
100914-DB-14D	U-2 2nd Floor Hallway	Wall Plaster - Skim Coat	ND	
100914-DB-14E	U-2 Bed Room # 1	Wall Plaster - Skim Coat	ND	
100914-DB-15A	U-2 Kitchen	Wall Plaster - Scratch Coat	ND	
100914-DB-15B	U-2 Sun Room	Wall Plaster - Scratch Coat	ND	
100914-DB-15C	U-2 2nd Floor Bath	Wall Plaster - Scratch Coat	ND	
100914-DB-15D	U-2 2nd Floor Hallway	Wall Plaster - Scratch Coat	ND	
100914-DB-16A	U-1 Bath 1st Floor	Ceramic Floor Tile Setting Compound	ND	
100914-DB-16B	U-1 Bath 1st Floor	Ceramic Floor Tile Setting Compound	ND	
100914-DB-17A	U-1 Bath 1st Floor	Ceramic Floor Tile Grout	ND	
100914-DB-17B	U-1 Bath 1st Floor	Ceramic Floor Tile Grout	ND	
100914-DB-18A	U-1 Bath 2nd Floor	Wall Tile Setting Compound	ND	
100914-DB-18B	U-1 Bath 2nd Floor	Wall Tile Setting Compound	ND	
100914-DB-19A	U-1 Bath 2nd Floor	Ceramic Wall Tile Grout	ND	
100914-DB-19B	U-1 Bath 2nd Floor	Ceramic Wall Tile Grout	ND	
100914-DB-20A	U-1 Bath 2nd Floor	Ceramic Floor Tile Setting Compound	ND	
100914-DB-20B	U-1 Bath 2nd Floor	Ceramic Floor Tile Setting Compound	ND	
100914-DB-21A	U-1 Bath 2nd Floor	Ceramic Floor Tile Grout	ND	

**TABLE 6-1  
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS  
SEASIDE REGIONAL CENTER  
DUPLEX RESIDENCE**

<b>Sample Number</b>	<b>Sample Location</b>	<b>Material</b>	<b>% Asbestos</b>	<b>Asbestos Type</b>
100914-DB-21B	U-1 Bath 2nd Floor	Ceramic Floor Tile Grout	ND	
100914-DB-22A	U-1 Kitchen	2'x2' Ceiling Tile	ND	
100914-DB-22B	U-1 Kitchen	2'x2' Ceiling Tile	ND	
<b>100914-DB-23A</b>	<b>U-1 Kitchen</b>	<b>Sink Undercoating Rose</b>	<b>12</b>	<b>Chrysotile</b>
<b>100914-DB-23B</b>	<b>U-1 Kitchen</b>	<b>Sink Undercoating Rose</b>	<b>4</b>	<b>Chrysotile</b>
<b>100914-DB-24A</b>	<b>U-1 Boiler Room</b>	<b>Pipe Insulation Air cell</b>	<b>42</b>	<b>Chrysotile</b>
<b>100914-DB-24B</b>	<b>U-1 Basement</b>	<b>Pipe Insulation Air cell</b>	<b>55</b>	<b>Chrysotile</b>
<b>100914-DB-24C</b>	<b>U-2 Boiler Room</b>	<b>Pipe Insulation Air cell</b>	<b>38</b>	<b>Chrysotile</b>
<b>100914-DB-25A</b>	<b>U-1 Boiler Room</b>	<b>Breeching Insulation</b>	<b>35</b>	<b>Chrysotile</b>
<b>100914-DB-25B</b>	<b>U-1 Boiler Room</b>	<b>Breeching Insulation</b>	<b>30</b>	<b>Amosite</b>
<b>100914-DB-25C</b>	<b>U-2 Boiler Room</b>	<b>Breeching Insulation</b>	<b>24</b>	<b>Chrysotile</b>
<b>100914-DB-26A</b>	<b>U-1 Boiler Room</b>	<b>Mudded Pipe Fitting</b>	<b>52</b>	<b>Chrysotile</b>
<b>100914-DB-26B</b>	<b>U-1 Boiler Room</b>	<b>Mudded Pipe Fitting</b>	<b>47</b>	<b>Chrysotile</b>
<b>100914-DB-26C</b>	<b>U-1 Basement</b>	<b>Mudded Pipe Fitting</b>	<b>50</b>	<b>Chrysotile</b>
<b>100914-DB-27A</b>	<b>U-1 Basement</b>	<b>Mag Pipe Insulation</b>	<b>60</b>	<b>Chrysotile</b>
<b>100914-DB-27B</b>	<b>U-1 Basement</b>	<b>Mag Pipe Insulation</b>	<b>62</b>	<b>Chrysotile</b>
<b>100914-DB-27C</b>	<b>U-2 Basement</b>	<b>Mag Pipe Insulation</b>	<b>48</b>	<b>Chrysotile</b>
<b>100914-DB-28A</b>	<b>U-1 Boiler Room</b>	<b>Flue Cement</b>	<b>45</b>	<b>Chrysotile</b>
<b>100914-DB-28B</b>	<b>U-1 Boiler Room</b>	<b>Flue Cement</b>	<b>38</b>	<b>Blend</b>
<b>100914-DB-29A</b>	<b>U-2 Boiler Room</b>	<b>Flue Cement</b>	<b>35</b>	<b>Blend</b>

**TABLE 6-1  
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS  
SEASIDE REGIONAL CENTER  
DUPLEX RESIDENCE**

<b>Sample Number</b>	<b>Sample Location</b>	<b>Material</b>	<b>% Asbestos</b>	<b>Asbestos Type</b>
<b>100914-DB-29B</b>	<b>U-2 Boiler Room</b>	<b>Flue Cement</b>	<b>38</b>	<b>Blend</b>
100914-DB-30A	U-2 Kitchen	Sheet Flooring	ND	
100914-DB-30B	U-2 Kitchen	Sheet Flooring	ND	
100914-DB-31A	U-2 Kitchen	Sheet Flooring Adhesive	ND	
100914-DB-31B	U-2 Kitchen	Sheet Flooring Adhesive	ND	
100914-DB-32A	U-2 Kitchen	Sink Undercoat Gray	ND	
100914-DB-32B	U-2 Kitchen	Sink Undercoat Gray	ND	
100914-DB-33A	U-2 Entrance	Gypsum Board	ND	
100914-DB-33B	U-2 Living Room	Gypsum Board	ND	
100914-DB-34A	U-2 Entrance	Joint Compound	ND	
100914-DB-34B	U-2 Living Room	Joint Compound	ND	
100914-DB-35A	U-2 Bath 1st Floor	Floor Tile Setting Compound	ND	
100914-DB-35B	U-2 Bath 1st Floor	Floor Tile Setting Compound	ND	
100914-DB-36A	U-2 Bath 1st Floor	Floor Tile Grout	ND	
100914-DB-36B	U-2 Bath 1st Floor	Floor Tile Grout	ND	
100914-DB-37A	U-2 Bath 2nd Floor	Wall Tile Setting Compound	ND	
100914-DB-37B	U-2 Bath 2nd Floor	Wall Tile Setting Compound	ND	
100914-DB-38A	U-2 Bath 2nd Floor	Wall Tile Grout	ND	
100914-DB-38B	U-2 Bath 2nd Floor	Wall Tile Grout	ND	
100914-DB-39A	U-2 Bath 2nd Floor	Floor Tile Setting Compound	ND	

**TABLE 6-1  
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS  
SEASIDE REGIONAL CENTER  
DUPLEX RESIDENCE**

<b>Sample Number</b>	<b>Sample Location</b>	<b>Material</b>	<b>% Asbestos</b>	<b>Asbestos Type</b>
100914-DB-39B	U-2 Bath 2nd Floor	Floor Tile Setting Compound	ND	
100914-DB-40A	U-2 Bath 2nd Floor	Floor Tile Grout	ND	
100914-DB-40B	U-2 Bath 2nd Floor	Floor Tile Grout	ND	
100914-DB-41A	U-2 Bath 2nd Floor	Bath Tub Gypsum Board	ND	
100914-DB-41B	U-2 Bath 2nd Floor	Bath Tub Gypsum Board	ND	
100914-DB-42A	U-2 Bath	Bath Tub Joint Compound	ND	
100914-DB-42B	U-2 Bath	Bath Tub Joint Compound	ND	
100914-DB-43A	U-1 Attic	Loose Insulation	ND	
100914-DB-43B	U-2 Attic	Loose Insulation	ND	
100914-DB-44A	U-1 Stairs	Stair Tread Adhesive	ND	
100914-DB-44B	U-2 Stairs	Stair Tread Adhesive	ND	
100914-DB-45A	U-1 Exterior	Window Glazing	ND	
100914-DB-45B	U-2 Exterior	Window Glazing	ND	
<b>100914-DB-46A</b>	<b>U-2 Exterior</b>	<b>Window Caulking</b>	<b>5</b>	<b>Chrysotile</b>
<b>100914-DB-46B</b>	<b>U-2 Exterior</b>	<b>Window Caulking</b>	<b>2</b>	<b>Chrysotile</b>
100914-DB-47A	U-1 Exterior	Door Frame Caulking	ND	
100914-DB-47B	U-2 Exterior	Door Frame Caulking	ND	
<b>100914-DB-48A</b>	<b>U1 and U2 Exterior</b>	<b>Store Room Window Caulk</b>	<b>7</b>	<b>Chrysotile</b>
<b>100914-DB-48B</b>	<b>U1 and U2 Exterior</b>	<b>Store Room Window Caulk</b>	<b>3</b>	<b>Chrysotile</b>
100914-DB-49A	U-1 Basement	Metal Window Glazing	ND	

**TABLE 6-1  
BULK SAMPLE SUMMARY OF SUSPECT MATERIALS  
SEASIDE REGIONAL CENTER  
DUPLEX RESIDENCE**

<b>Sample Number</b>	<b>Sample Location</b>	<b>Material</b>	<b>% Asbestos</b>	<b>Asbestos Type</b>
100914-DB-49B	U-2 Basement	Metal Window Glazing	ND	
<b>100914-DB-50A</b>	<b>U-2 Laundry</b>	<b>Roof Perimeter Flashing</b>	<b>28</b>	<b>Chrysotile</b>
<b>100914-DB-50B</b>	<b>U-2 Laundry</b>	<b>Roof Perimeter Flashing</b>	<b>15</b>	<b>Chrysotile</b>
<b>100914-DB-51A</b>	<b>U-1 Roof</b>	<b>Gable Slate Tar</b>	<b>18</b>	<b>Chrysotile</b>
<b>100914-DB-51B</b>	<b>U-2 Roof</b>	<b>Gable Slate Tar</b>	<b>18</b>	<b>Chrysotile</b>
100914-DB-52A	U-1 Roof	Gable Tar Paper	ND	
100914-DB-52B	U-2 Roof	Gable Tar Paper	ND	
100914-DB-53A	Basement	Exterior Damp Proofing	ND	
100914-DB-53B	Basement	Exterior Damp Proofing	ND	

ND = None Detected

**7.0 BULK SAMPLE RESULTS/CHAIN-OF-CUSTODY FORMS**





# EMSL Analytical, Inc.

307 West 38th Street New York, NY 10018  
 Phone/Fax: (212) 290-0051 / (212) 290-0058  
 http://www.EMSL.com / manhattanlab@emsl.com

EMSL Order ID: 031440860  
 Customer ID: ATCE54  
 Customer PO: 14-061-0001A  
 Project ID:

**Attn:** Ed Fennell Phone: (860) 282-9924  
 Cardno ATC Fax: (860) 282-9826  
 290 Roberts Street Collected: 10/ 9/2014  
 Suite 301 Received: 10/23/2014  
 East Hartford, CT 06108 Analyzed: 10/24/2014

**Proj:** 61.22573.0020T/ CT DCS/ DUPLEZ UNITS 1 & 2/ SEASIDE HOSP COMPLEX 36 SHORE RD WATER FRONT CT

## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-1A **Lab Sample ID:** 031440860-0001  
**Sample Description:** U-1 KITCHEN/SHEET FLOORING TOP LAYER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray/Tan	20%	68%	12% Chrysotile	

**Client Sample ID:** 100914-DB-1B **Lab Sample ID:** 031440860-0002  
**Sample Description:** U-1 LAUNDRY/SHEET FLR TOP LAYER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Tan	15%	67%	18% Chrysotile	

**Client Sample ID:** 100914-DB-2A **Lab Sample ID:** 031440860-0003  
**Sample Description:** U-1 KITCHEN/SHEET FLR BOTTOM LAYER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown/Gray	35%	65%	None Detected	

**Client Sample ID:** 100914-DB-2B **Lab Sample ID:** 031440860-0004  
**Sample Description:** U-1 LAUNDRY/SHEET FLR BOTTOM LAYER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Tan/White	43%	57%	None Detected	

**Client Sample ID:** 100914-DB-3A **Lab Sample ID:** 031440860-0005  
**Sample Description:** U-1 KITCHEN/SHEET FLR BET LAYER MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Black	20%	80%	None Detected	Result includes a small amount of inseparable attached material

**Client Sample ID:** 100914-DB-3B **Lab Sample ID:** 031440860-0006  
**Sample Description:** U-1 LAUNDRY/SHEET FLR BET LAYER MASTIC

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Black	70%	30%	None Detected	

**Client Sample ID:** 100914-DB-4A **Lab Sample ID:** 031440860-0007  
**Sample Description:** U-1 PANTRY/BROWN FLR COVERING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown/Gray	40%	60%	None Detected	



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EMSL Order ID: 031440860  
Customer ID: ATCE54  
Customer PO: 14-061-0001A  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-4B **Lab Sample ID:** 031440860-0008

**Sample Description:** U-1 PANTRY/BROWN FLR COVERING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Green	12%	88%	None Detected	

**Client Sample ID:** 100914-DB-5A **Lab Sample ID:** 031440860-0009

**Sample Description:** U-1 PANTRY/BRN SHEET FLR ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown	55%	45%	None Detected	

**Client Sample ID:** 100914-DB-5B **Lab Sample ID:** 031440860-0010

**Sample Description:** U-1 PANTRY/BRN SHEET FLR ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Tan	85%	15%	None Detected	

**Client Sample ID:** 100914-DB-6A **Lab Sample ID:** 031440860-0011

**Sample Description:** U-1 PANTRY/PAPER UNDER BRN FLOOR

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	97%	3%	None Detected	

**Client Sample ID:** 100914-DB-6B **Lab Sample ID:** 031440860-0012

**Sample Description:** U-1 PANTRY/PAPER UNDER BRN FLOOR

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown	95%	5%	None Detected	

**Client Sample ID:** 100914-DB-7A **Lab Sample ID:** 031440860-0013

**Sample Description:** U-1 ATTIC/BROWN SHEET FLOORING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown	38%	62%	None Detected	

**Client Sample ID:** 100914-DB-7B **Lab Sample ID:** 031440860-0014

**Sample Description:** U-1 ATTIC/BROWN SHEET FLOORING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Blue	25%	75%	None Detected	

**Client Sample ID:** 100914-DB-8A **Lab Sample ID:** 031440860-0015

**Sample Description:** U-1 DINE ROOM/CEILING PLAST- SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-9A **Lab Sample ID:** 031440860-0016

**Sample Description:** U-1 DINE ROOM/CEILING PLAST- SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-8B **Lab Sample ID:** 031440860-0017

**Sample Description:** U-1 MAST BED RM/CEILING PLAST- SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-8B **Lab Sample ID:** 031440860-0018

**Sample Description:** U-1 MAST BED RM/CEILING PLAST- SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-8C **Lab Sample ID:** 031440860-0019

**Sample Description:** U-1 BED RM 2/CEILING PLAST- SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-9C **Lab Sample ID:** 031440860-0020

**Sample Description:** U-1 BED RM 2/CEILING PLAST- SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	2%	98%	None Detected	

**Client Sample ID:** 100914-DB-8D **Lab Sample ID:** 031440860-0021

**Sample Description:** U-1 2ND FLR HALLWAY/CEILING PLAST- SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-9D **Lab Sample ID:** 031440860-0022

**Sample Description:** U-1 2ND FLR HALLWAY/CEILING PLAST- SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	2%	98%	None Detected	

**Client Sample ID:** 100914-DB-8E **Lab Sample ID:** 031440860-0023

**Sample Description:** U-1 1ST FLR BATH/CEILING PLAST- SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	White	0%	100%	None Detected	Inseparable paint / coating layer included in analysis



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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-9E **Lab Sample ID:** 031440860-0024

**Sample Description:** U-1 1ST FLR BATH/CEILING PLAST- SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan	4%	96%	None Detected	

**Client Sample ID:** 100914-DB-10A **Lab Sample ID:** 031440860-0025

**Sample Description:** U-2 1ST FL SUN RM/CEILING PLAST- SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-11A **Lab Sample ID:** 031440860-0026

**Sample Description:** U-2 1ST FL SUN RM/CEILING PLAST- SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-10B **Lab Sample ID:** 031440860-0027

**Sample Description:** U-2 MASTER BED RM/CEILING PLAST- SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-11B **Lab Sample ID:** 031440860-0028

**Sample Description:** U-2 MASTER BED RM/CEILING PLAST- SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-10C **Lab Sample ID:** 031440860-0029

**Sample Description:** U-2 BED RM-1/CEILING PLAST- SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-11C **Lab Sample ID:** 031440860-0030

**Sample Description:** U-2 BED RM-1/CEILING PLAST- SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-10D **Lab Sample ID:** 031440860-0031

**Sample Description:** U-2 LAUNDRY/CEILING PLAST- SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan/White	0%	100%	None Detected	Inseparable paint / coating layer included in analysis



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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-11D **Lab Sample ID:** 031440860-0032

**Sample Description:** U-2 LAUNDRY/CEILING PLAST- SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan	5%	95%	None Detected	

**Client Sample ID:** 100914-DB-12A **Lab Sample ID:** 031440860-0033

**Sample Description:** U-1 1ST FLR BATH/WALL PLAST SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-12B **Lab Sample ID:** 031440860-0034

**Sample Description:** U-1 LAUNDRY/WALL PLAST SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-12C **Lab Sample ID:** 031440860-0035

**Sample Description:** U-1 DINING RM/WALL PLAST SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-12D **Lab Sample ID:** 031440860-0036

**Sample Description:** U-1 MAST. BED RM/WALL PLAST SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan/White/Green	0%	100%	None Detected	Inseparable paint / coating layer included in analysis

**Client Sample ID:** 100914-DB-13A **Lab Sample ID:** 031440860-0037

**Sample Description:** U-1 1ST FL BATH RM/WALL PLAST SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-13B **Lab Sample ID:** 031440860-0038

**Sample Description:** U-1 LAUNDRY/WALL PLAST SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-13C **Lab Sample ID:** 031440860-0039

**Sample Description:** U-1 LAUNDRY/WALL PLAST SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-13D **Lab Sample ID:** 031440860-0040

**Sample Description:** U-1 MAST. BED RM/WALL PLAST SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan	2%	98%	None Detected	

**Client Sample ID:** 100914-DB-14A **Lab Sample ID:** 031440860-0041

**Sample Description:** U-2 KITCHEN/WALL PLASTER SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	Inseparable paint / coating layer included in analysis

**Client Sample ID:** 100914-DB-14B **Lab Sample ID:** 031440860-0042

**Sample Description:** U-2 SUN RM/WALL PLASTER SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-14C **Lab Sample ID:** 031440860-0043

**Sample Description:** U-2 2ND FL BATH/WALL PLASTER SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-14D **Lab Sample ID:** 031440860-0044

**Sample Description:** U-2 2ND FL HALLWAY/WALL PLASTER SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-14E **Lab Sample ID:** 031440860-0045

**Sample Description:** U-2 BED RM # 1/WALL PLASTER SKIM COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-15A **Lab Sample ID:** 031440860-0046

**Sample Description:** U-2 KITCH/WL PLASTER SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-15B **Lab Sample ID:** 031440860-0047

**Sample Description:** U-2 SUN RM/WL PLASTER SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-15C **Lab Sample ID:** 031440860-0048

**Sample Description:** U-2 2ND FLR BATH/WL PLASTER SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-15D **Lab Sample ID:** 031440860-0049

**Sample Description:** U-2 2ND FL HALLWAY/WL PLASTER SCRATCH COAT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan	3%	97%	None Detected	

**Client Sample ID:** 100914-DB-16A **Lab Sample ID:** 031440860-0050

**Sample Description:** U-1 BATH 1ST FL/FLR TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-16B **Lab Sample ID:** 031440860-0051

**Sample Description:** U-1 BATH 1ST FL/FLR TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-17A **Lab Sample ID:** 031440860-0052

**Sample Description:** U-1 BATH 1ST FLR/FLR TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Tan	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-17B **Lab Sample ID:** 031440860-0053

**Sample Description:** U-1 BATH 1ST FLR/FLR TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Tan	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-18A **Lab Sample ID:** 031440860-0054

**Sample Description:** U-1 BATH 2ND FLR/WL TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-18B **Lab Sample ID:** 031440860-0055

**Sample Description:** U-1 BATH 2ND FLR/WL TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	





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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-19A **Lab Sample ID:** 031440860-0056

**Sample Description:** U-1 BATH 2ND FLR/WL TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-19B **Lab Sample ID:** 031440860-0057

**Sample Description:** U-1 BATH 2ND FLR/WL TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-20A **Lab Sample ID:** 031440860-0058

**Sample Description:** U-1 BATH 2ND FLR/FLR TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Tan/White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-20B **Lab Sample ID:** 031440860-0059

**Sample Description:** U-1 BATH 2ND FLR/FLR TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-21A **Lab Sample ID:** 031440860-0060

**Sample Description:** U-1 BATH 2ND FLR/FLOOR TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-21B **Lab Sample ID:** 031440860-0061

**Sample Description:** U-1 BATH 2ND FLR/FLOOR TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-22A **Lab Sample ID:** 031440860-0062

**Sample Description:** U-1 KITCHEN/2X2 CEILING TILE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray/White	55%	45%	None Detected	

**Client Sample ID:** 100914-DB-22B **Lab Sample ID:** 031440860-0063

**Sample Description:** U-1 KITCHEN/2X2 CEILING TILE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan/White	62%	38%	None Detected	





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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-23A **Lab Sample ID:** 031440860-0064

**Sample Description:** U-1 KITCHEN/SINK UNDERCOATING ROSE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Purple	0%	88%	12% Chrysotile	

**Client Sample ID:** 100914-DB-23B **Lab Sample ID:** 031440860-0065

**Sample Description:** U-1 KITCHEN/SINK UNDERCOATING ROSE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Pink	0%	96%	4% Chrysotile	

**Client Sample ID:** 100914-DB-24A **Lab Sample ID:** 031440860-0066

**Sample Description:** U-1 BOILER RM/PIPE INSULATION AIRCELL

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	35%	23%	42% Chrysotile	

**Client Sample ID:** 100914-DB-24B **Lab Sample ID:** 031440860-0067

**Sample Description:** U-1 BSMNT/PIPE INSULATION AIRCELL

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	45%	55% Chrysotile	

**Client Sample ID:** 100914-DB-24C **Lab Sample ID:** 031440860-0068

**Sample Description:** U-2 BOILER RM/PIPE INSULATION AIRCELL

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Gray/White	45%	17%	38% Chrysotile	

**Client Sample ID:** 100914-DB-25A **Lab Sample ID:** 031440860-0069

**Sample Description:** U-1 BOILER RM/BREECHING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	30%	35%	35% Chrysotile	

**Client Sample ID:** 100914-DB-25B **Lab Sample ID:** 031440860-0070

**Sample Description:** U-1 BOILER RM/BREECHING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	70%	30% Amosite	

**Client Sample ID:** 100914-DB-25C **Lab Sample ID:** 031440860-0071

**Sample Description:** U-2 BOILER RM/BREECHING INSULATION

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan/White	35%	41%	24% Chrysotile	



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EMSL Order ID: 031440860  
Customer ID: ATCE54  
Customer PO: 14-061-0001A  
Project ID:

## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-26A **Lab Sample ID:** 031440860-0072

**Sample Description:** U-1 BOILER RM/MUDDER PIPE FITTING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	48%	52% Chrysotile	

**Client Sample ID:** 100914-DB-26B **Lab Sample ID:** 031440860-0073

**Sample Description:** U-1 BOILER RM/MUDDER PIPE FITTING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	20%	33%	47% Chrysotile	

**Client Sample ID:** 100914-DB-26C **Lab Sample ID:** 031440860-0074

**Sample Description:** U-1 BASEMENT/MUDDER PIPE FITTING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan	6%	44%	50% Chrysotile	

**Client Sample ID:** 100914-DB-27A **Lab Sample ID:** 031440860-0075

**Sample Description:** U-1 BASEMENT/MAG PIPE INSULATION

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	40%	60% Chrysotile	

**Client Sample ID:** 100914-DB-27B **Lab Sample ID:** 031440860-0076

**Sample Description:** U-1 BASEMENT/MAG PIPE INSULATION

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	38%	62% Chrysotile	

**Client Sample ID:** 100914-DB-27C **Lab Sample ID:** 031440860-0077

**Sample Description:** U-2 BASEMENT/MAG PIPE INSULATION

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	White	0%	52%	48% Chrysotile	

**Client Sample ID:** 100914-DB-28A **Lab Sample ID:** 031440860-0078

**Sample Description:** U-1 BOILER RM/FLUE CEMENT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	55%	45% Chrysotile	

**Client Sample ID:** 100914-DB-28B **Lab Sample ID:** 031440860-0079

**Sample Description:** U-1 BOILER RM/FLUE CEMENT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan/Yellow	0%	62%	3% Amosite	Inseparable paint / coating layer included in analysis
	10/24/2014				35% Chrysotile	Inseparable paint / coating layer included in analysis



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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-29A **Lab Sample ID:** 031440860-0080

**Sample Description:** U-2 BOILER RM/FLUE CEMENT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	65%	15% Amosite	
	10/23/2014				20% Chrysotile	

**Client Sample ID:** 100914-DB-29B **Lab Sample ID:** 031440860-0081

**Sample Description:** U-2 BOILER RM/FLUE CEMENT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Gray/White	0%	62%	28% Amosite	
	10/24/2014				10% Chrysotile	

**Client Sample ID:** 100914-DB-30A **Lab Sample ID:** 031440860-0082

**Sample Description:** U-2 KITCHEN/SHEET FLOORING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown/Gray	15%	85%	None Detected	

**Client Sample ID:** 100914-DB-30B **Lab Sample ID:** 031440860-0083

**Sample Description:** U-2 KITCHEN/SHEET FLOORING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Gray	35%	65%	None Detected	

**Client Sample ID:** 100914-DB-31A **Lab Sample ID:** 031440860-0084

**Sample Description:** U-2 KITCHEN/SHEET FLOORING ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Black	20%	80%	None Detected	

**Client Sample ID:** 100914-DB-31B **Lab Sample ID:** 031440860-0085

**Sample Description:** U-2 KITCHEN/SHEET FLOORING ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown	11%	89%	None Detected	

**Client Sample ID:** 100914-DB-32A **Lab Sample ID:** 031440860-0086

**Sample Description:** U-2 KITCHEN/SINK UNDERCOAT GRAY

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray/White	4%	96%	None Detected	

**Client Sample ID:** 100914-DB-32B **Lab Sample ID:** 031440860-0087

**Sample Description:** U-2 KITCHEN/SINK UNDERCOAT GRAY

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Tan	0%	100%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-33A **Lab Sample ID:** 031440860-0088

**Sample Description:** U-2 ENTRANCE/GYPSUM BOARD

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown/Gray	20%	80%	None Detected	

**Client Sample ID:** 100914-DB-33B **Lab Sample ID:** 031440860-0089

**Sample Description:** U-2 LIVING RM/GYPSUM BOARD

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/White	31%	69%	None Detected	

**Client Sample ID:** 100914-DB-34A **Lab Sample ID:** 031440860-0090

**Sample Description:** U-2 ENTRANCE/GYPSUM BOARD JONT COMPOUND

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	Inseparable paint / coating layer included in analysis

**Client Sample ID:** 100914-DB-34B **Lab Sample ID:** 031440860-0091

**Sample Description:** U-2 LIVING RM/GYPSUM BOARD JONT COMPOUND

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	White	0%	100%	None Detected	Inseparable paint / coating layer included in analysis

**Client Sample ID:** 100914-DB-35A **Lab Sample ID:** 031440860-0092

**Sample Description:** U-2 BATH 1ST FLR/FLR TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Tan	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-35B **Lab Sample ID:** 031440860-0093

**Sample Description:** U-2 BATH 1ST FLR/FLR TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Tan	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-36A **Lab Sample ID:** 031440860-0094

**Sample Description:** U-2 BATH 1ST FLR/FLR TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray/Tan	8%	92%	None Detected	

**Client Sample ID:** 100914-DB-36B **Lab Sample ID:** 031440860-0095

**Sample Description:** U-2 BATH 1ST FLR/FLR TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray/Tan	5%	95%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-37A **Lab Sample ID:** 031440860-0096

**Sample Description:** U-2 BATH 2ND FLR/WALL TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-37B **Lab Sample ID:** 031440860-0097

**Sample Description:** U-2 BATH 2ND FLR/WALL TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-38A **Lab Sample ID:** 031440860-0098

**Sample Description:** U-2 BATH 2ND FLR/WAL TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-38B **Lab Sample ID:** 031440860-0099

**Sample Description:** U-2 BATH 2ND FLR/WAL TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-39A **Lab Sample ID:** 031440860-0100

**Sample Description:** U-2 BATH 2ND FLR/FLR TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Tan	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-39B **Lab Sample ID:** 031440860-0101

**Sample Description:** U-2 BATH 2ND FLR/FLR TILE SETTING COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-40A **Lab Sample ID:** 031440860-0102

**Sample Description:** U-2 BATH 2ND FLR/FLR TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Tan	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-40B **Lab Sample ID:** 031440860-0103

**Sample Description:** U-2 BATH 2ND FLR/FLR TILE GROUT

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Gray/Tan	8%	92%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-41A **Lab Sample ID:** 031440860-0104

**Sample Description:** U-2 BATH 2ND FLR/BATH TUB GYPSUM BRD

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown	15%	85%	None Detected	

**Client Sample ID:** 100914-DB-41B **Lab Sample ID:** 031440860-0105

**Sample Description:** U-2 BATH 2ND FLR/BATH TUB GYPSUM BRD

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown	10%	90%	None Detected	

**Client Sample ID:** 100914-DB-42A **Lab Sample ID:** 031440860-0106

**Sample Description:** U-2 BATH TUB JOINT COMP/BATH TUB JOINT COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	White	0%	100%	None Detected	Inseparable paint / coating layer included in analysis

**Client Sample ID:** 100914-DB-42B **Lab Sample ID:** 031440860-0107

**Sample Description:** U-2 BATH TUB JOINT COMP/BATH TUB JOINT COMP

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-43A **Lab Sample ID:** 031440860-0108

**Sample Description:** U-1 LOOSE INSULATION/LOOSE INSULATION

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown	94%	6%	None Detected	

**Client Sample ID:** 100914-DB-43B **Lab Sample ID:** 031440860-0109

**Sample Description:** U-2 LOOSE INSULATION/LOOSE INSULATION

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown	98%	2%	None Detected	

**Client Sample ID:** 100914-DB-44A **Lab Sample ID:** 031440860-0110

**Sample Description:** U-1 STAIR TREAD ADHESIVE/STAIR TREAD ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Yellow	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-44B **Lab Sample ID:** 031440860-0111

**Sample Description:** U-2 STAIR TREAD ADHESIVE/STAIR TREAD ADHESIVE

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Tan	3%	97%	None Detected	



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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-45A **Lab Sample ID:** 031440860-0112

**Sample Description:** U-1 EXTERIOR/WINDOW GLAZING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown/Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-45B **Lab Sample ID:** 031440860-0113

**Sample Description:** U-2 EXT/WINDOW GLAZING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Tan/White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-46A **Lab Sample ID:** 031440860-0114

**Sample Description:** U-2 EXTERIOR/WINDOW CAULKING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/23/2014	Brown/Gray	12%	83%	5% Chrysotile	

**Client Sample ID:** 100914-DB-46B **Lab Sample ID:** 031440860-0115

**Sample Description:** U-2 EXTERIOR/WINDOW CAULKING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Gray/Tan/White	3%	95%	2% Chrysotile	

**Client Sample ID:** 100914-DB-47A **Lab Sample ID:** 031440860-0116

**Sample Description:** U-1 EXT/DOOR FRAME CAULKING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/White	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-47B **Lab Sample ID:** 031440860-0117

**Sample Description:** U-2 EXT/DOOR FRAME CAULKING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Gray	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-48A **Lab Sample ID:** 031440860-0118

**Sample Description:** U1 AND 2 EXT/STORM WINDOW CAULK

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Gray/Tan	0%	93%	7% Chrysotile	

**Client Sample ID:** 100914-DB-48B **Lab Sample ID:** 031440860-0119

**Sample Description:** U1 AND 2 EXT/STORM WINDOW CAULK

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/White	0%	97%	3% Chrysotile	Inseparable paint / coating layer included in analysis





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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-49A **Lab Sample ID:** 031440860-0120

**Sample Description:** U-1 BSMNT/METAL WIND. GLAZING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Gray/Tan	2%	98%	None Detected	

**Client Sample ID:** 100914-DB-49B **Lab Sample ID:** 031440860-0121

**Sample Description:** U-2 BSMNT/METAL WIND. GLAZING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Tan	0%	100%	None Detected	

**Client Sample ID:** 100914-DB-50A **Lab Sample ID:** 031440860-0122

**Sample Description:** U-2 LAUNDRY/ROOF PERIMETER FLASHING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Black	0%	72%	28% Chrysotile	

**Client Sample ID:** 100914-DB-50B **Lab Sample ID:** 031440860-0123

**Sample Description:** U-2 LAUNDRY/ROOF PERIMETER FLASHING

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Black	0%	85%	15% Chrysotile	

**Client Sample ID:** 100914-DB-51A **Lab Sample ID:** 031440860-0124

**Sample Description:** U-1 ROOF/CABLE SLATE TAR

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Black	0%	82%	18% Chrysotile	

**Client Sample ID:** 100914-DB-51B **Lab Sample ID:** 031440860-0125

**Sample Description:** U-2 ROOF/CABLE SLATE TAR

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Black	5%	77%	18% Chrysotile	

**Client Sample ID:** 100914-DB-52A **Lab Sample ID:** 031440860-0126

**Sample Description:** U-1 ROOF/CABLE TAR PAPER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Black	52%	48%	None Detected	

**Client Sample ID:** 100914-DB-52B **Lab Sample ID:** 031440860-0127

**Sample Description:** U-2 ROOF/CABLE TAR PAPER

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Black	72%	28%	None Detected	





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## Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

**Client Sample ID:** 100914-DB-53A **Lab Sample ID:** 031440860-0128

**Sample Description:** BASEMENT/EXTERIOR PAMP PROOF

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Black	20%	80%	None Detected	

**Client Sample ID:** 100914-DB-53B **Lab Sample ID:** 031440860-0129

**Sample Description:** BASEMENT/EXTERIOR PAMP PROOF

TEST	Analyzed Date	Color	Non-Asbestos		Asbestos	Comment
			Fibrous	Non-Fibrous		
PLM	10/24/2014	Brown/Black	4%	96%	None Detected	



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EMSL Order ID: 031440860  
Customer ID: ATCE54  
Customer PO: 14-061-0001A  
Project ID:

**Attn:** Ed Fennell  
Cardno ATC  
290 Roberts Street  
Suite 301  
East Hartford, CT 06108  
**Phone:** (860) 282-9924  
**Fax:** (860) 282-9826  
**Collected:** 10/ 9/2014  
**Received:** 10/23/2014  
**Analyzed:** 10/24/2014  
**Proj:** 61.22573.0020T/ CT DCS/ DUPLEZ UNITS 1 & 2/ SEASIDE HOSP COMPLEX 36 SHORE RD WATER FRONT CT

The samples in this report were submitted for asbestos bulk analysis. The reference number for these samples is the Order ID above. Please use this reference number when calling about these samples.

Sample Receipt Date: 10/23/2014  
Analysis Completed Date: 10/24/2014

Sample Receipt Time: 11:44 am  
Analysis Completed Time: 6:08 am

**Analyst(s):**

Jon Williams PLM (44)

Shahrakur Mahmud PLM (85)

**Reviewed and approved by:**

James Hall, Laboratory Manager  
or Other Approved Signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. This test report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. EMSL bears no responsibility for sample collection activities or analytical method limitations. The laboratory is not responsible for the accuracy of results when requested to physically separate and analyze layered samples. PLM alone is not consistently reliable in detecting asbestos in floor coverings and similar NOBs

Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170



Shaping the Future

# BULK SAMPLE LOG

Page 1 of 7

290 Roberts Street, Suite 301  
East Hartford, CT 06108  
(860) 282-9924 Fax: (860) 282-9826

031440860

Cardno ATC Inspector: W. Thompson/S. Szellag Client Name: CT PCS  
 Accreditation No.: 00670 / 00493 Project No./Task No.: 61.22573.0020 T  
 Survey Date: 10-9-14 Project Manager: ED FENMELL  
 Signature: S Szellag Requested Completion Date: 20  
 Lab Name: EMSC Requested turnaround time (circle) 3 HR 6 HR 24 HR 48 HR  
 No. Samples Collected: 20

Location	Material Description	Type S	Estimated Quantity	Friable Y/N	Condition (SD D ND)	Sample of (homogeneous material)	Field Number
Building: <u>DUPLICATE UNITS 1+2</u> Address: <u>SEASIDE HOSP COMPLEX 36 SHORE RD WATER FORT CT</u>							
U-1 KITCHEN	SHEET FLOORING TOP LAYER	MISC		N		1	100914-DB-7A
U-1 LAUNDRY	SHEET FLR TOP LAYER	M		N		2	100914-DB-7B
U-1 KITCHEN	SHEET FLR BOTTOM LAYER	M		N		2	100914-DB-7C
U-1 LAUNDRY	SHEET FLR BOT LAYER MASTO	M		N		2	100914-DB-7D
U-1 KITCHEN	" " " " COVERING	M		N		2	100914-DB-7E
U-1 PANTRY	BROWN FLR COVERING	M		N		2	100914-DB-7F
U-1 PANTRY	BROWN SHEET FLR ADHESIVE	M		N		2	100914-DB-7G
U-1 PANTRY	" " " " "	M		N		2	100914-DB-7H
U-1 PANTRY	PAPER UNDER BRN FLOOR	M		N		2	100914-DB-7I
U-1 ATTIC	BROWN SHEET FLOORING	M		N		2	100914-DB-7J
U-1 DINE ROOM	" " " " "	M		N		2	100914-DB-7K
U-1 DINE ROOM	CEILING PLAST - SKIM COAT	S		N		1	100914-DB-7L
U-1 MAST BED RM	CEIL PLAST - SCRATCH COAT	S		N		1	100914-DB-7M
U-1 " " "	CEIL PLAST SKIM COAT	S		N		2	100914-DB-7N
U-1 " " "	CEIL PLAST SCRATCH COAT	S		N		2	100914-DB-7O
U-1 " " "	CEIL PLAST SKIM COAT	S		N		3	100914-DB-7P
U-1 " " "	CEIL PLAST SCRATCH COAT	S		N		3	100914-DB-7Q

Comments: ANALYZE BY PLM

Notes: Damage Factors: Physical (sig dmg-dmg-no dmg) Proximity (<1ft-1-6ft->6ft) Accessibility (within reach-barely reachable-not reachable) Air conduits (air plenum - air shaft - elevator shaft - duct) Ventilation (yes-no; if yes, type)

Disturbance Factors: Deterioration (heavy-moderate-light-none) Vibration (gym-music rm-auditorium-mechanical rm-elevator-other) Air movement (high-moderate-low)

Fraility (yes-no, hard-mod-soft surface) Barriers (perm airtight-enclosed-encapsulated) Texture (rough-pitted-moderate-smooth)

Relinquished By/Date: SS Szellag 10-22-14 Received By/Date: 93033 Gehard 10/23/14 11:44 AM  
 Relinquished By/Date: [Signature] Received By/Date: [Signature] 10/24/14 4 AM





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**BULK SAMPLE LOG**

Page 2 of 7

290 Roberts Street, Suite 301  
East Hartford, CT 06108  
(860) 282-9924 Fax: (860) 282-9826

02440800

Cardno ATC Inspector: W. Thompson/S. Szellag Client Name: CT PCS  
 Accreditation No.: 00670 / 00493 Project No./Task No.: 61.22573.0020T  
 Survey Date: 10-9-14 Project Manager: ED FENNEL  
 Signature: J Spillay Requested Completion Date: 20  
 Lab Name: EMSL Requested turnaround time (circle) 3 HR 6 HR 24 HR 48 HR No. Samples Collected: 20

Location	Material Description	Type S	Estimated Quantity	Friable Y/N	Condition (SD D ND)	Sample of (homogeneous material)	Field Number
Building: <u>DUPLEX UNITS 1 &amp; 2</u> Address: <u>SEASIDE HOSP COMPLEX 30 SHORE RD WATER FORT CT</u>							
U-1 JND FLR HALLWAY	CEIL PLAST SKIM COAT	TSI MISC		Y		4	100914-DB-8D
" " "	CEIL PLAST SCRATCH COAT	"		Y		4	100914-DB-9D
1ST FLOOR BATH	CEIL PLAST SKIM COAT	"		Y		5	100914-DB-8E
" " "	CEIL PLAST SCRATCH COAT	"		Y		5	100914-DB-9E
U-2 1ST FLOOR RM	CEIL PLAST SKIM COAT	"		Y		4	100914-DB-8A
" " "	CEIL PLAST SCRATCH COAT	"		Y		4	100914-DB-9A
U-2 MASTER BED RM	CEIL PLAST SKIM COAT	"		Y		2	100914-DB-8B
" " "	CEIL PLAST SCRATCH COAT	"		Y		2	100914-DB-9B
U-2 BED RM - 1	CEIL PLAST SKIM COAT	"		Y		4	100914-DB-8C
" " "	CEIL PLAST SCRATCH COAT	"		Y		4	100914-DB-9C
U-2 LAUNDRY	CEIL PLAST SKIM COAT	"		Y		4	100914-DB-8G
" " "	CEIL PLAST SCRATCH COAT	"		Y		4	100914-DB-9G
U-1 1ST FLOOR BATH	WALL PLAST SKIM COAT	"		Y		4	100914-DB-8H
U-1 LAUNDRY	WALL PLAST	"		Y		4	100914-DB-9H
U-1 DINING RM	WALL PLAST SKIM COAT	"		Y		4	100914-DB-12C
U-1 MAST. BED RM	WALL PLAST	"		Y		4	100914-DB-12D
U-1 1ST FLOOR BATH	WALL PLAST SCRATCH COAT	"		Y		4	100914-DB-13A
U-1 LAUNDRY	WALL PLAST	"		Y		4	100914-DB-13B
U-1 MAST. BED RM	WALL PLAST SCRATCH COAT	"		Y		4	100914-DB-13C
Comments: <u>ANALYZED BY PLM</u>							

Notes: Damage Factors: Physical (sig dmg-dmg-no dmg) Proximity (<1ft-1-6ft->6ft) Ventilation (yes-no; if yes, type) Water (extensive-moderate-slight-none) Accessibility (within reach-barely reachable-not reachable) Air conduits (air plenum - air shaft - elevator shaft - duct) Deterioration (heavy-moderate-light-none) Vibration (gym-music rm-auditorium-mechanical rm-elevator-other) Air movement (high-moderate-low) Friability (yes-no; hard-mod-soft surface) Barriers (perm airtight-enclosed-encapsulated) Texture (rough-pitted-moderate-smooth)

Relinquished By/Date: SS 10/23/14 Received By/Date: 9303 Edward 10/23/14 11:44 AM  
 Relinquished By/Date: SS 10/23/14 Received By/Date: Sam 10/24/14 12:45 AM

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**BULK SAMPLE LOG**

290 Roberts Street, Suite 301  
East Hartford, CT 06108  
(860) 282-9924 Fax: (860) 282-9826

031440860

Cardno ATC Inspector: <u>W. Thompson / S. Szellag</u>		Client Name: <u>CT PCS</u>					
Accreditation No.: <u>00673 / 00493</u>		Project No./Task No.: <u>61.22573.00207</u>					
Survey Date: <u>10-9-14</u>		Project Manager: <u>ED FENWELL</u>					
Signature: <u>S Szellag</u>		Requested Completion Date: _____					
Lab Name: <u>EMS</u>		No. Samples Collected: <u>19</u>					
Requested turnaround time (circle): 3 HR 6 HR 24 HR 48 HR							
Building: <u>DUPLEX UNITS 1+2</u>		Address: <u>SEASIDE HOSP COMPLEX 36 SHORE RD WATERFORD CT</u>					
Location	Material Description	Type S TSI MISC	Estimated Quantity	Friable Y/N	Condition (SD D ND)	Sample of (homogeneous material)	Field Number
U-2 KITCHEN	WAL PLASTER SKIM COAT	S		Y		1	100914-DB-19A
U-2 SUN RM	WL PLAST.	S		Y		2	100914-DB-14B
U-2-2ND FL BATH	WL PLAST. SKIM COAT	S		Y		3	100914-DB-19C
U-2-2ND FL HALLWAY	"	S		Y		4	100914-DB-14D
U-2 BEDRM #1	WL PLAST SKIM COAT	S		Y		5	100914-DB-19E
U-2 HATCH	WL PLAST SCRATCH COAT	S		Y		1	100914-DB-19F
U-2 SUN RM	WL PLAST SCRATCH COAT	S		Y		2	100914-DB-19G
U-2-2ND FL BATH	WL PLAST SCRATCH COAT	S		Y		3	100914-DB-19H
U-2-2ND FL HALLWAY	"	S		Y		4	100914-DB-19I
U-1 BATH-1ST FL	FERTILE SETTING COMP	M		N		1	100914-DB-19J
"	"	M		N		2	100914-DB-19K
U-1 BATH 1ST FL	FLR TILE GROUT	M		N		1	100914-DB-19L
"	"	M		N		2	100914-DB-19M
U-1 BATH 2ND FL	WL TILE SETTING COMP	M		N		1	100914-DB-19N
"	"	M		N		2	100914-DB-19O
U-1 BATH 2ND FL	WL TILE GROUT	M		N		1	100914-DB-19P
"	"	M		N		2	100914-DB-19Q
U-1 BATH 2ND FL	FLR TILE SETTING COMP	M		N		1	100914-DB-19R
"	"	M		N		2	100914-DB-19S
Comments: <u>ANALYZE BY PLM</u>							

Notes: Damage Factors: \_\_\_\_\_

Disturbance Factors: \_\_\_\_\_

Physical (sig dmg-dmg-no dmg) \_\_\_\_\_

Proximity (<1ft-1.6ft- >6ft) \_\_\_\_\_

Ventilation (yes-no; if yes, type) \_\_\_\_\_

Water (extensive-moderate-slight-none) \_\_\_\_\_

Accessibility (within reach-barely reachable-not reachable) \_\_\_\_\_

Air conduits (air plenum - air shaft - elevator shaft - duct) \_\_\_\_\_

Deterioration (heavy-moderate-light-none) \_\_\_\_\_

Vibration (gym-music rm-auditorium-mechanical rm-elevator-other) \_\_\_\_\_

Air movement (high-moderate-low) \_\_\_\_\_

Eriability (yes-no; hard-mod-soft surface) \_\_\_\_\_

Barriers (perm airtight-enclosed-encapsulated) \_\_\_\_\_

Texture (rough-pitted-moderate-smooth) \_\_\_\_\_

Received By/Date: 55 goba 10-10-14

Relinquished By/Date: \_\_\_\_\_

Received By/Date: 32015 Ewald 10/23/14 11:44 AM

Relinquished By/Date: \_\_\_\_\_

Received By/Date: Som 10/24/14 12:45 AM

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# BULK SAMPLE LOG

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290 Roberts Street, Suite 301  
 East Hartford, CT 06108  
 (860) 282-9924 Fax: (860) 282-9826

Cardno ATC Inspector:	W. Thompson/S. Szilag	Client Name:	CT PCS				
Accreditation No.:	00673 / 00493	Project No./Task No.:	61.22573.0020 T				
Survey Date:	10-9-14	Project Manager:	ED FENNELL				
Signature:	[Signature]	Requested Completion Date:	2-4				
Lab Name:	EMSL	Requested turnaround time (circle):	3 HR 6 HR 24 HR 48 HR				
Building:	DUPELX UNITS 1 + 2	Address:	SEASIDE HOSP COMPLEX 86 SHORE RD WATER FORT CT				
Location	Material Description	Type S TSI MISC	Estimated Quantity	Friable Y/N	Condition (SD D ND)	Sample of (homogeneous material)	Field Number
U-1 BATH	FLOOR TILE	M		N		1	100914-DB-21A
"	"	M		N		2	100914-DB-21B
U-1 KITCHEN	2x2 CEILING TILE	M		N		1	100914-DB-22A
"	"	M		N		2	100914-DB-22B
U-1 KITCHEN	SINK UNDER COAT-ROSE	M		N		1	100914-DB-23A
"	"	M		N		2	100914-DB-23B
U-1 BOILER RM	PIPE INSULATION AIRSEAL	T S I		Y Y Y		1 2 3	100914-DB-24A
U-1 BOILER RM	"	T S I		Y Y Y		1 2 3	100914-DB-24B
U-1 BOILER RM	BREACHING INSULATION	T S I		Y Y Y		1 2 3	100914-DB-25A
U-1 BOILER RM	MURDED PIPE FITTING	T S I		Y Y Y		1 2 3	100914-DB-25B
U-1 BOILER RM	"	T S I		Y Y Y		1 2 3	100914-DB-26A
U-1 BOILER RM	MFG PIPE INSULATION	T S I		Y Y Y		1 2 3	100914-DB-26B
U-1 BOILER RM	"	T S I		Y Y Y		1 2 3	100914-DB-27A
U-1 BOILER RM	FLUE CEMENT	MISC		Y Y Y		1 2 3	100914-DB-27B
U-1 BOILER RM	"	MISC		Y Y Y		1 2 3	100914-DB-28A
U-1 BOILER RM	FLUE CEMENT	MISC		Y Y Y		1 2 3	100914-DB-28B
U-1 BOILER RM	"	MISC		Y Y Y		1 2 3	100914-DB-29A
U-1 BOILER RM	SHEET FLOORING	M		Y Y Y		1 2 3	100914-DB-29B
U-1 KITCHEN	"	M		Y Y Y		1 2 3	100914-DB-30A
U-1 KITCHEN	"	M		Y Y Y		1 2 3	100914-DB-30B

Comments: ANALYZE BY PLM

Notes  
 Damage Factors: Physical (sig dmg-dmg-no), Water (extensive-moderate-slight-none), Deterioration (heavy-moderate-light-none), Friability (yes-no; hard-mod-soft surface)

Disturbance Factors: Proximity (<1ft-1-6ft->6ft), Accessibility (within reach-barely reachable-not reachable), Air conduits (air plenum - air shaft - elevator shaft - duct), Air movement (high-moderate-low), Vibration (gym-music rm-auditorium-mechanical rm-elevator-other), Barriers (perm airtight-enclosed-encapsulated), Texture (rough-pitted-moderate-smooth)

Relinquished By/Date: S Szilag 10-27-14 Received By/Date: 92ins Edwards 10/23/14 11:44 AM

Relinquished By/Date: [Signature] 10/24/14 Received By/Date: [Signature] 10/24/14 12:45 AM

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290 Roberts Street, Suite 301  
East Hartford, CT 06108  
(860) 282-9924 Fax: (860) 282-9826

# BULK SAMPLE LOG



Client Name: **CT DES**  
 Project No./Task No.: **61.22573.0020T**  
 Project Manager: **ED FENWELL**  
 Requested Completion Date: **20**  
 No. Samples Collected: **20**

Cardno ATC Inspector: **W. Thompson/S. Szellag**  
 Accreditation No.: **00673 / 00493**  
 Survey Date: **10-9-14**  
 Signature: **[Signature]**  
 Lab Name: **ENSL**  
 Requested turnaround time (circle): **3 HR** 6 HR 24 HR 48 HR  
 3 DY 5 DY

Location	Material Description	Type S	Estimated Quantity	Friable Y/N	Condition (SD D ND)	Sample of (homogeneous material)	Field Number
Building: <b>DUPLIX UNIT 1 + 2</b> Address: <b>SEASIDE HOSP COMPLEX - SHORE RD WATER FORT CT</b>							
U-2 KITCHEN	SHEET FLOORING ADHESIVE	MISC		N		1	100914-DB-381A
"	"	"		N		2	100914-DB-381B
U-2 KITCHEN	SINK UNDERCAB GRAY	"		N		1	100914-DB-382A
"	"	"		N		2	100914-DB-382B
U-2 ENTRANCE	GYPSUM BOARD	"		N		1	100914-DB-383A
U-2 LIVING RM	"	"		N		2	100914-DB-383B
U-2 ENTRANCE	GYPSUM BOARD	"		N		1	100914-DB-384A
U-2 LIVING RM	"	"		N		2	100914-DB-384B
U-2 BATH #1	FLR TILE SETTING COMP	"		N		1	100914-DB-385A
"	"	"		N		2	100914-DB-385B
U-2 BATH #1	FLR TILE GROUT	"		N		1	100914-DB-386A
"	"	"		N		2	100914-DB-386B
U-2 BATH #2	FLR TILE SETTING COMP	"		N		1	100914-DB-387A
"	"	"		N		2	100914-DB-387B
U-2 BATH #2	FLR TILE GROUT	"		N		1	100914-DB-388A
"	"	"		N		2	100914-DB-388B
U-2 BATH #3	FLR TILE SETTING COMP	"		N		1	100914-DB-389A
"	"	"		N		2	100914-DB-389B
U-2 BATH #3	FLR TILE GROUT	"		N		1	100914-DB-390A
"	"	"		N		2	100914-DB-390B

Comments: **ANALYZE BY PLM**

Notes: Damage Factors: Physical (sig dmg-dmg-no), Water (extensive-moderate-slight-none), Friability (yes-no, hard-mod-soft/surface)

Disturbance Factors: Proximity (<1ft-1.5ft- >6ft), Accessibility (within reach-barely reachable-not reachable), Air conduits (air plenum - air shaft - elevator shaft - duct), Ventilation (yes-no; if yes, type)

Deterioration (heavy-moderate-light-none), Vibration (gym-music rm-auditorium-mechanical rm-elevator-other), Texture (rough-pitted-moderate-smooth)

Received By/Date: **S Szellag 10-22-14**  
 Received By/Date: **Ben Edmund 10/23/14 11:44 AM**  
**[Signature]** 10/24/14

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**BULK SAMPLE LOG**



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290 Roberts Street, Suite 301  
East Hartford, CT 06108  
(860) 282-9924 Fax: (860) 282-9826

Cardno ATC Inspector: <u>W. Thompson/S. Szellag</u>		Client Name: <u>CT DES</u>					
Accreditation No.: <u>00673 / 00493</u>		Project No./Task No.: <u>61.22573.0020 T</u>					
Survey Date: <u>10-9-14</u>		Project Manager: <u>ED FENWELL</u>					
Signature: <u>S Szellag</u>		Requested Completion Date: <u>20</u>					
Lab Name: <u>EMSL</u>		No. Samples Collected: <u>20</u>					
Requested turnaround time (circle) 3 HR 6 HR 24 HR 48 HR							
Requested turnaround time (circle) 3 DY 5 DY							
Building: <u>DUPLX UNITS 172</u> Address: <u>SEASIDE HOSP COMPLEX - SHORE RD WATER FORT CT</u>							
Location	Material Description	Type TSI MISC	Estimated Quantity	Friable Y/N	Condition (SD D ND)	Sample of (homogeneous material)	Field Number
U-2 BATH LOWER	BATH TUB GYPSUM BOARD	MISC		Y		1 2	1009-DB-41A
"	"	M		Y		1 2	1009-DB-41B
U-2 BATH LOWER	BATH TUB JOINT COMP	M		Y		1 2	1009-DB-42A
"	"	M		Y		1 2	1009-DB-42B
U-1 ATTIC	COOSE INSULATION	M		Y		1 2	1009-DB-43A
U-2 ATTIC	"	M		Y		1 2	1009-DB-43B
U-1 STAIRS	STAIR TREAD ADHESIVE	M		Y		1 2	1009-DB-44A
U-2 STAIRS	"	M		Y		1 2	1009-DB-44B
U-1 INTERIOR	WINDOW GLAZING	M		N		1 2	1009-DB-45A
U-2 EXTERIOR	"	M		N		1 2	1009-DB-45B
U-2 EXTERIOR	WINDOW CAULKING	M		N		1 2	1009-DB-46A
"	"	M		N		1 2	1009-DB-46B
U-1 EXT.	DOOR FRAME CAULKING	M		N		1 2	1009-DB-47A
U-2 EXT.	"	M		N		1 2	1009-DB-47B
U-1 EXT.	STORM WINDOW CAULK	M		N		1 2	1009-DB-48A
U-2 EXT.	"	M		N		1 2	1009-DB-48B
U-1 RSTANT	METAL WIND. GLAZING	M		Y		1 2	1009-DB-49A
U-2 " "	"	M		Y		1 2	1009-DB-49B
U-2 LAUNDRY	ROOF PERIMETER FLASHING	M		N		1 2	1009-DB-50A
"	"	M		N		1 2	1009-DB-50B
Comments: <u>ANALYZE BY PLM</u>							

Notes  
 Damage Factors: Physical (e.g. dmg-dmg-no) Water: (extensive-moderate-slight-none)  
 Disturbance Factors: Proximity (<1ft, 1-6ft, >6ft) Accessibility (within reach-barely reachable-not reachable)  
 Ventilation (yes-no; if yes, type) Air conduits (air plenum - air shaft - elevator shaft - duct)

Relinquished By/Date: S Szellag 10-22-14 Received By/Date: 9 Brian Edwards 10/23/14 11:45 AM

Relinquished By/Date: \_\_\_\_\_ Received By/Date: \_\_\_\_\_

Signature: [Signature] Date: 10/24/14





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# BULK SAMPLE LOG

Page 7 of 7

290 Roberts Street, Suite 301  
East Hartford, CT 06108  
(860) 282-9924 Fax: (860) 282-9826

081440860

Cardno ATC Inspector: W. Thompson/S. Szellag Client Name: CT PCS  
 Accreditation No.: 00670 / 00493 Project No./Task No.: 61.22573.0020 T  
 Survey Date: 10-9-14 Project Manager: ED FENNEL  
 Signature: S Szellag Requested Completion Date:  
 Lab Name: EMSL Requested turnaround time (circle) 3 HR 6 HR 24 HR 48 HR No. Samples Collected 6  
 3 DY 5 DY

Location	Material Description	Type S TSMISC	Estimated Quantity	Friable Y/N	Condition (SD D ND)	Sample of (homogeneous material)	Field Number
U-1 ROOF	GABLE SLATE TAR "	MISC		N		17	10090808151A
U-2 " "	GABLE TAR PAPER "	M		N		22	10090808151B
U-1 ROOF	GABLE TAR PAPER "	M		N		22	10090808151A
U-2 " "	EXTERIOR PAMP PROOF "	M		N		22	10090808151B
BASINMENT "		M		N		22	10090808151A
							10090808151B
							10090808151A
							10090808151B
							10090808151A
							10090808151B
							10090808151A
							10090808151B

Building: DUPLEX UNIT 1 + 2 Address: SEASIDE HOSP COMPLEX - SHORE RD WATER FORT CT

Comments: ANALYZE BY PLM

Notes  
 Damage Factors: Physical (sig dmg-dmg-no) Water (extensive-moderate-slight-none)  
 Disturbance Factors: Proximity (<1ft- 1-6ft- >6ft) Accessibility (within reach-barely reachable-not reachable)  
 Relinquished By/Date: SS Szellag 10-22-14 Received By/Date: Brian E. Hardy 10/23/14 11:43AM  
 Relinquished By/Date: SS Szellag 10-22-14 Received By/Date: Brian E. Hardy 10/23/14 11:43AM

10/24/14

10/24/14 12:15 PM

**APPENDIX A**  
**LICENSE AND CERTIFICATION**

---

0002404 FP \*\*PRSRT T8 0 1664 06108  
STANLEY SZELAG  
290 ROBERTS ST STE 301  
ATC ASSOCIATES  
EAST HARTFORD CT 06108-3656

Dear Licensed/Certified Professional,  
Attached you will find your validated license/certification for the coming year. Should you have any questions about your license/certificate renewal, please do not hesitate to write or call:

Department of Public Health (860) 509-7603  
P.O. Box 340308  
M.S.#12MQA  
Hartford, CT 06134-0308  
<http://www.dph.state.ct.us>

Sincerely,



JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER  
DEPARTMENT OF PUBLIC HEALTH

**INSTRUCTIONS:**

1. Detach and sign each of the cards on this form.
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.

4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH  
PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT  
THE INDIVIDUAL NAMED BELOW IS LICENSED  
BY THIS DEPARTMENT AS A  
ASBESTOS CONSULTANT-INSPECTOR

LICENSE NO.  
000493  
CURRENT THROUGH  
01/31/15  
VALIDATION NO.  
03-697205

STANLEY SZELAG



SIGNATURE



COMMISSIONER

EMPLOYER'S COPY

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME

STANLEY SZELAG

VALIDATION NO.  
03-697205

CURRENT THROUGH  
01/31/15

PROFESSION

ASBESTOS CONSULTANT-INSPECTOR



SIGNATURE



COMMISSIONER

WALLET CARD

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME

STANLEY SZELAG

VALIDATION NO.  
03-697205

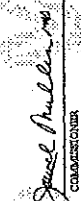
CURRENT THROUGH  
01/31/15

PROFESSION

ASBESTOS CONSULTANT-INSPECTOR



SIGNATURE



COMMISSIONER

# CERTIFICATE OF ACHIEVEMENT

*This certifies that*

**Stanley Szelag**

*has successfully completed the*  
**Asbestos Site Inspector Refresher Training**  
**Asbestos Accreditation Under TSCA Title II**  
**40 CFR Part 763**

*conducted by*

**Cardno ATC**  
**73 William Franks Drive**  
**West Springfield, MA 01089**  
**(413) 781-0070**

*Gregory J. Mosach*

*Principal Instructor*

*April 17, 2014*

*Date of Course*

*April 17, 2015*

*Expiration Date*

*Gregory J. Mosach*

*Regional Manager*

*SIAR-4859*

*Certificate Number*

*April 17, 2014*

*Examination Date*

**INSTRUCTIONS:**

1. Detach and sign each of the cards on this form
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3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
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**STATE OF CONNECTICUT**  
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT  
THE INDIVIDUAL NAMED BELOW IS CERTIFIED  
BY THIS DEPARTMENT AS A  
**ASBESTOS CONSULTANT-INSPECTOR**

WILLIE L. THOMPSON

CERTIFICATE NO.  
000673

CURRENT THROUGH  
08/31/16

VALIDATION NO.  
03-927604

*Willie L. Thompson*  
SIGNATURE

*Janeel Muller*  
COMMISSIONER

WALLET CARD

STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

WILLIE L. THOMPSON  
NAME

CERTIFICATE NO. 000673  
CURRENT THROUGH 08/31/16

03-927604  
VALIDATION NO.

ASBESTOS CONSULTANT-INSPECTOR  
PROFESSION

*Willie L. Thompson*  
SIGNATURE

*Janeel Muller*  
COMMISSIONER



# CERTIFICATE OF ACHIEVEMENT

*This certifies that*

**Willie L. Thompson, III**

*has successfully completed the*  
**Asbestos Site Inspector Refresher Training**  
**Asbestos Accreditation Under TSCA Title II**  
**40 CFR Part 763**

*conducted by*

**Cardno ATC**  
**73 William Franks Drive**  
**West Springfield, MA 01089**  
**(413) 781-0070**

*Edward Kolodziej*

Principal Instructor: Edward Kolodziej

January 23, 2014

Date of Course

January 23, 2015

Expiration Date

*Gregory J. March*

Regional Manager: Gregory Mörtsch

SIAR-4760

Certificate Number

January 23, 2014

Examination Date

**APPENDIX B**  
**DRAWINGS**