



Facility Support Services, LLC

Environmental & Safety Consulting Engineers

**Connecticut Department of Housing
Community Development Block Grant – Disaster Recovery
Owner Occupied Recovery and Rehabilitation Program**

**Hazardous Materials
Inspection Report**

**730 Stratford Avenue
Stratford, Connecticut**

PREPARED FOR:

Martinez Couch & Associates, LLC
1084 Cromwell Ave. Suite A-2
Rocky Hill, CT 06067

PREPARED BY:

Facility Support Services, LLC
2685 State Street
Hamden, CT 06517
Phone (203) 288-1281

July 23, 2014

SIGNATURES OF REPORT AUTHORS

The employees of Facility Support Services, LLC whose names appear below prepared this report. Requests for information on the content of this document should be directed to these individuals.

A handwritten signature in blue ink that reads "Kevin Bogue". The signature is written in a cursive style.

Kevin S. Bogue, LEP, CHMM
Project Manager

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I. Introduction

Facility Support Services, LLC (FSS) was contracted by Martinez, Couch & Associates, LLC (MCA) to perform a limited scope hazardous materials survey of 730 Stratford Avenue in Stratford, Connecticut. The purpose of this inspection was to identify the presence of asbestos, PCBs, lead paint and mold in certain building materials proposed for removal/demolition that qualify for the repair/replacement of items damaged by the October 2012 Tropical Storm Sandy under the Connecticut Department of Housing (DOH), Community Development Block Grant – Disaster Recovery Owner Occupied Recovery and Rehabilitation Program. FSS did not perform radon testing due to the proposed elevating of the residence above ground level to accommodate flood levels. FSS utilized best industry practices to identify all suspect materials associated with the structures. Any material that has not been identified during this inspection or discovered during renovation/demolition activities must be presumed to be hazardous until such time that samples of the material can be collected and analyzed.

II. Mold

FSS conducted sampling for mold on June 12, 2014. Testing for total spores in air was conducted for the following areas of 730 Stratford Avenue in Stratford, Connecticut to identify concerns with indoor air quality related to mold and fungi:

- Basement
- Outside of House

The outside ambient air sample provided a background reference sample (collected from a location in the front yard). Mr. Chris Hudacek of FSS conducted the spore sampling utilizing an air sampling pump and sample media. Air was collected at a rate of 15.0 liters of air per minute. The samples were collected on Air-O-Cell type sampling cartridges located in line with the sampling pump, which ran for 10 minutes at each sampling location.

The spore samples were analyzed by EMSL Analytical of Wallingford, Connecticut for the identification and enumeration of spores (EMSL Method M001). EMSL is a State of Connecticut, Department of Public Health certified laboratory (Accreditation Number 165118). Analytical reports for mold are included in Appendix A.

The analysis for total spore counts is a direct microscopic examination and does not include culturing or growing fungi. Therefore, the results include both viable and non-viable spores. Spore trap results are reported in spores per cubic meter of air.

Table 1
Summary of Laboratory Analysis of Spore Types
730 Stratford Avenue, Stratford, Connecticut

Sample Number & Location	Raw Count	Total Fungi (Count/m ³)	Spore Types Present
222140521 01M Basement	74	1,600	Alternaria, Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Ganoderma, Myxomycetes
222140521 03M Outside	90	1,870	Alternaria, Ascospores, Basidiospores, Cladosporium, Ganoderma, Myxomycetes, Gliomastix

The primary mold species in the Outside sample was Aspergillus/Penicillium; for the interior sample the primary species was Ascospores Aspergillus/Penicillium.

Ascospores – Encompasses a wide range of genera worldwide and associated with member of the Phylum Ascomycota. This spore type is found everywhere in nature.

Aspergillus/Penicillium - Can be associated with hay fever and asthma, and can grow on a wide range of substrates indoors, and are prevalent in water-damaged buildings and where foods are stored.

In Connecticut, there are currently no regulatory standards directly governing mold/fungal spore concentrations. Although no standards for mold exist, some information regarding levels have been published, including the following:

Baxter, et al considers mold contamination present in a building when the total mold spore concentration per cubic meter is above 10,000. However in special cases, even low quantitative levels of certain particles or particle types (such as *Penicillium/Aspergillus* spore chains in an un-treated building) may be diagnostic and may indicate a hidden mold reservoir that merits further investigation.

FSS's investigation found total spore concentrations inside the 730 Stratford Avenue residence of 1,600/m³, which is far below the 10,000/m³ level noted above.

The American Conference of Government Industrial Hygienists (ACGIH) stated that indoor mold levels are generally less than 1/3 the outdoor level and that when indoor mold is at more than this level remedial action should be taken to find the source of the elevated counts and to clean it up. However, this is a general rule and may be inaccurate and unreliable method for screening buildings for mold.

FSS's investigation found a total spore concentration in the basement interior sample at a level slightly below the outside sample, above the 1/3 level noted in the previous paragraph. However, given the total and relative spore counts detected in outside and interior samples, no accelerated mold growth was noted inside the residence.

III. Asbestos

FSS conducted a limited scope asbestos inspection and bulk sampling on June 12, 2014 of suspect building materials that are proposed for renovations. The inspection was conducted by Chris Hudacek, a State of Connecticut licensed Asbestos Inspector. Mr. Hudacek's Connecticut Asbestos Inspectors/Management Planner license is provided in Appendix C.

The following suspect materials were indentified during the inspection:

- Sheetrock (basement divider wall)
- Joint Compound (basement divider wall)
- Interior Skim Coat (basement perimeter wall)
- Interior Base Coat (basement perimeter wall)
- Refractory Cement (basement chimney)
- Exterior Surface Coat (rear foundation wall)

- Ceramic tile grout (front porch)
- Setting compound associated with ceramic tile (front porch)
- Interior Window Glazing (basement)

This asbestos inspection was performed in accordance with the EPA, NESHAP regulations for building renovations and demolition, 40 CFR Part 61, Amended 11/20/1990. The bulk asbestos samples collected during this inspection were delivered under full chain of custody and analyzed by EMSL Analytical, Inc., via EPA/600/R-93/116. This is currently the approved EPA test method, which uses Polarized Light Microscopy (PLM). EMSL Analytical, Inc. is an accredited asbestos laboratory (NVLAP # 200700-0) and is a State of Connecticut approved public health laboratory for asbestos analysis. Copies of the laboratory analytical results can be found in Attachment D of this report.

Laboratory results have revealed that the asbestos content of the tested materials are below the 1% required to confirm a material as asbestos containing.

IV. PCBs

Following an inspection of building materials proposed for renovations, one suspected PCB-containing materials were identified:

- Interior Window Glazing

FSS collected a sample of this material for laboratory analysis for PCBs by EPA Method 8082A with Soxhlet Extraction. Laboratory data indicates that the PCB content of the interior window glazing was detected at a level of 0.81 ppm, below the 1 ppm action level for PCBs. No further investigations, or special disposal requirements (for PCBs) are required for these materials.

V. Lead

The subject residential structure was built prior to 1978 (1964) and therefore the likelihood that lead painted surfaces are present is increased. As a residential structure built prior to 1978 the removal of lead painted materials where a child under 6 is housed,

or may visit, would trigger the EPA Renovation, Repair and Painting (RRP) rule. Furthermore, adherence to the requirements of The Lead-Safe Housing Rule (US Department of Housing and Urban development, HUD) are stipulated by the Connecticut Department of Housing (DOH) as part of the Community Development Block Grant – Disaster Recovery Owner Occupied Recovery and Rehabilitation Program.

A building wide XRF inspection was conducted by Maureen Monaco of Gilberto Lead Inspections, LLC (Gilbertco) utilizing a Scitec Map4 Portable X-Ray Fluoroscope Spectrum Analyzer with a Cobalt 57 source. The findings of the investigation determined the following areas tested positive for lead based paint ($>1.0 \text{ mg/cm}^2$):

- Front Porch Area
 - Baseboard
 - Ceiling
 - Ceiling Beam
 - Window Sill
 - Window Trim
- Living Room
 - Stair Stringer
 - Newel Post
 - Spindle
- Kitchen
 - Ceiling
- Rear Exit
 - Ceiling
- Exterior
 - Rear Metal Railing

A copy of the Gilbertco Lead Inspection Report is provided in Appendix E. Following the HUD Lead-Safe Housing Guidelines, non-intact materials should undergo interim measures to abatement the hazard. Non-intact lead containing materials have been identified as the following:

- Exterior Rear Metal Railing

FSS has evaluated proposed demolition materials against the XRF lead evaluation of painted surfaces. Based on this evaluation, the materials proposed for demolition will not contain levels of leachable lead above the hazardous waste determination level.

VI. Conclusions & Recommendations

When the structure is renovated, all removed debris should be sent to an appropriate landfill for final disposal following all appropriate regulations. Any work involving lead-containing paints should be conducted under the EPA's RRP Renovation, Repair and Painting Rule. Any material discovered during renovation activities which have not been included in this survey must be presumed to contain asbestos, lead and PCBs until such time that the material can be evaluated and sampled.

Asbestos – No asbestos containing materials (>1% asbestos) were identified in materials proposed for renovation or demolition.

PCBs - One suspected PCB-containing materials was identified in proposed renovation materials and sampled. Results indicates that the mastic associated with window glazing located in the basement contained low levels of detectable PCBs (0.81 ppm), below the 1 ppm action level for PCBs, and therefore this materials is unregulated for handling and disposal.

Mold – Mold spore count analysis indicates no accelerated mold growth in the basement of the residence. FSS's investigation found relatively low total spore concentration in the basement interior sample at a level below the outside sample.

Lead - Following the HUD Lead-Safe Housing Guidelines, the non-intact areas should undergo interim measures to abatement the hazard.

- Exterior Rear Metal Railing

FSS has evaluated proposed demolition materials against the XRF lead evaluation of painted surfaces. Based on this evaluation, the materials proposed for demolition will not contain levels of leachable lead above the hazardous waste determination level.

ATTACHMENTS

ATTACHMENT A
MOLD ANALYTICAL DATA



EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06492
Phone/Fax: 203-284-5948 / (203) 284-5978
<http://www.EMSL.com> / wallingfordlab@emsl.com

Order ID: 241402218
Customer ID: FSS93
Customer PO:
Project ID:

Attn: Chris Hudacek
Facility Support Services, LLC
2685 State Street
Hamden, CT 06517

Phone: (203) 288-1281
Fax: (203) 248-4409
Collected: 06/12/2014
Received: 06/12/2014
Analyzed: 06/19/2014

Proj: 730 STRATFORD/22214-1699

Test Report: Air-O-Cell™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

Lab Sample Number:	241402218-0001			241402218-0002			
Client Sample ID:	22214061201M			22214061202M			
Volume (L):	150			150			
Sample Location:	Basement			Outdoors			
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	
Alternaria	5	100	6.3	2	40	2.1	
Ascospores	14	300	18.8	45	950	50.8	
Aspergillus/Penicillium	24	510	31.9	-	-	-	
Basidiospores	10	210	13.1	32	680	36.4	
Bipolaris++	-	-	-	-	-	-	
Chaetomium	-	-	-	-	-	-	
Cladosporium	9	200	12.5	2	40	2.1	
Curvularia	-	-	-	-	-	-	
Epicoccum	-	-	-	-	-	-	
Fusarium	-	-	-	-	-	-	
Ganoderma	4	80	5	2	40	2.1	
Myxomycetes++	8	200	12.5	6	100	5.3	
Pithomyces	-	-	-	-	-	-	
Rust	-	-	-	-	-	-	
Scopulariopsis	-	-	-	-	-	-	
Stachybotrys	-	-	-	-	-	-	
Torula	-	-	-	-	-	-	
Ulocladium	-	-	-	-	-	-	
Unidentifiable Spores	-	-	-	-	-	-	
Zygomycetes	-	-	-	-	-	-	
Gliomastix	-	-	-	1	20	1.1	
Total Fungi	74	1600	100	90	1870	100	
Hyphal Fragment	8	200	12.5	4	80	4.3	
Insect Fragment	-	-	-	-	-	-	
Pollen	7	100	6.3	3	60	3.2	
Analyt. Sensitivity 600x	-	21	-	-	21	-	
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	
Skin Fragments (1-4)	-	2	-	-	-	-	
Fibrous Particulate (1-4)	-	2	-	-	-	-	
Background (1-5)	-	3	-	-	1	-	

Bipolaris++ = Bipolaris/Drechslera/Exserohilum
Myxomycetes++ = Myxomycetes/Periconia/Smut

Gloria V. Oriol, Laboratory Manager
or Other Approved Signatory

No discernable field blank was submitted with this group of samples.

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "*" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. 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. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Wallingford, CT AIHA-LAP, LLC--EMLAP Lab 165118

Initial report from: 06/19/2014 16:33:49

For Information on the fungi listed in this report please visit the Resources section at www.emsl.com



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Microbiology Chain of Custody

EMSL Order Number (Lab Use Only):

241402218

Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

Company: Facility Support Services, LLC		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2685 State Street		<i>Third Party Billing requires written authorization from third party</i>	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Chris Hudacek		Telephone #: 203-288-1281	
Email Address: chudacek.fss@snet.net		Fax #: 203-248-4409	Purchase Order:
Project Name/Number: 730 Stratford / 22214-1699		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CT		Connecticut Samples: <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide. TATs are subject to methodology requirements

Non Culturable Air Samples (Spore Traps) – Test Codes

• M001 Air-O-Cell	• M173 Allegro M2	• M004 Allergenco	• M032 Allergenco-D	• M172 Versa Trap
• M049 BioSIS	• M003 Burkard	• M043 Cyclex	• M002 Cyclex-d	
• M030 Micro 5	• M174 MoldSnap	• M176 Relle Smart	• M130 Via-Cell	

Other Microbiology Test Codes

<ul style="list-style-type: none"> • M041 Fungal Direct Examination • M005 Viable Fungi ID and Count • M006 Viable Fungi ID and Count (Speciation) • M007 Culturable Fungi • M008 Culturable Fungi (Speciation) • M009 Gram Stain Culturable Bacteria • M010 Bacterial Count and ID – 3 Most Prominent • M011 Bacterial Count and ID – 5 Most Prominent • M013 Sewage Contamination in Buildings 	<ul style="list-style-type: none"> • M014 Endotoxin Analysis • M015 Heterotrophic Plate Count • M180 Real Time Q-PCR-ERMI 36 • Panel • M018 Total Coliform (Membrane Filtration) • M020 Fecal <i>Streptococcus</i> (Membrane Filtration) • M210-215 <i>Legionella</i> Detection • M026 Recreational Water Screen • M027 Mycotoxin Analysis 	<ul style="list-style-type: none"> • M029 <i>Enterococci</i> • M019 Fecal Coliform • M133 MRSA Analysis • M028 <i>Cryptococcus neoformans</i> Detection • M120 <i>Histoplasma capsulatum</i> Detection • M033-39 Allergen Testing • M044 Group Allergen (Cat, Dog, Cockroach, Dustmites) • Other See Analytical Price Guide
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Preservation Method (Water):

Name of Sampler: Chris Hudacek Signature of Sampler: [Signature]

Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
Example: A1	Kitchen	Air	M001	75L	1/1/12 4:00 PM
22214061201M	Basement	Air	M001	150L	6/12/14 @ 10:44 am
22214061202M	Outdoors	Air	M001	150L	6/12/14 @ 10:57 am
<div style="border: 2px solid blue; padding: 10px; display: inline-block;"> <p style="margin: 0; font-size: 2em; font-weight: bold;">RECEIVED</p> <p style="margin: 5px 0 0 0; color: red;">JUN 12 2014</p> <p style="margin: 5px 0 0 0;">By <u>[Signature]</u></p> </div>					

Client Sample # (s): - Total # of Samples: 2

Relinquished (Client): [Signature] Date: 6/12/13 Time:

Received (Client): Date: Time:

Comments:

ATTACHMENT B

FSS LICENSURE

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 - INSP / MGMT PLANNER

LICENSE NO
000157
CURRENT THROUGH
08/31/14
VALIDATION NO
03-628349

KEVIN S. BOGUE

Kevin Bogue
SIGNATURE

Joel Muller
COMMISSIONER

ATTACHMENT C

ASBESTOS LABORATORY ANALYTICAL DATA



EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4, Wallingford, CT 06492
Phone/Fax: 203-284-5948 / (203) 284-5978
<http://www.EMSL.com> wallingfordlab@emsl.com

EMSL Order: 241402217
CustomerID: FSS93
CustomerPO:
ProjectID:

Attn: **Chris Hudacek**
Facility Support Services, LLC
2685 State Street

Hamden, CT 06517

Project: 730 STRATFORD/22214-1699

Phone: (203) 288-1281
Fax: (203) 248-4409
Received: 06/12/14 4:55 PM
Analysis Date: 6/17/2014
Collected: 6/12/2014

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
222140161201A 241402217-0001	Basement- divider wall - sheetrock	White Non-Fibrous Homogeneous	3% Cellulose	20% Gypsum 77% Non-fibrous (other)	None Detected
222140161201B 241402217-0002	Basement- divider wall - sheetrock	White Non-Fibrous Homogeneous	5% Cellulose	30% Gypsum 65% Non-fibrous (other)	None Detected
222140161202A 241402217-0003	Basement- divider wall - joint compound	White Non-Fibrous Homogeneous	4% Cellulose	45% Ca Carbonate 51% Non-fibrous (other)	None Detected
222140161202B 241402217-0004	Basement- divider wall - joint compound	White Non-Fibrous Homogeneous	<1% Cellulose	45% Ca Carbonate 55% Non-fibrous (other)	None Detected
222140161203A 241402217-0005	Basement- perimeter walls - interior skim coat	White Non-Fibrous Homogeneous		5% Quartz 10% Ca Carbonate 85% Non-fibrous (other)	None Detected
222140161203B 241402217-0006	Basement- perimeter walls - interior skim coat	White Non-Fibrous Homogeneous	<1% Cellulose	5% Quartz 10% Ca Carbonate 85% Non-fibrous (other)	None Detected
222140161203C 241402217-0007	Basement- perimeter walls - interior skim coat	White Non-Fibrous Homogeneous	<1% Cellulose	4% Quartz 10% Ca Carbonate 86% Non-fibrous (other)	None Detected

Analyst(s)

Kristin Lopez (12)
Lauren Brennan (14)



Gloria V. Oriol, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0.

Initial report from 06/18/2014 09:53:41



EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4, Wallingford, CT 06492
Phone/Fax: 203-284-5948 / (203) 284-5978
<http://www.EMSL.com> wallingfordlab@emsl.com

EMSL Order: 241402217
CustomerID: FSS93
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Attn: **Chris Hudacek**
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2685 State Street

Hamden, CT 06517

Project: 730 STRATFORD/22214-1699

Phone: (203) 288-1281
Fax: (203) 248-4409
Received: 06/12/14 4:55 PM
Analysis Date: 6/17/2014
Collected: 6/12/2014

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
222140161203D 241402217-0008	Basement-perimeter walls - interior skim coat	White Non-Fibrous Homogeneous	<1% Cellulose	5% Quartz 15% Ca Carbonate 80% Non-fibrous (other)	None Detected
222140161203E 241402217-0009	Basement-perimeter walls - interior skim coat	White Non-Fibrous Homogeneous	<1% Cellulose	3% Quartz 15% Ca Carbonate 82% Non-fibrous (other)	None Detected
222140161204A 241402217-0010	Basement-perimeter walls - interior base coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	25% Quartz 5% Ca Carbonate 70% Non-fibrous (other)	None Detected
222140161204B 241402217-0011	Basement-perimeter walls - interior base coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	30% Quartz 5% Ca Carbonate 65% Non-fibrous (other)	None Detected
222140161204C 241402217-0012	Basement-perimeter walls - interior base coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	35% Quartz 5% Ca Carbonate 60% Non-fibrous (other)	None Detected
222140161204D 241402217-0013	Basement-perimeter walls - interior base coat	Gray Non-Fibrous Homogeneous		35% Quartz 15% Ca Carbonate 50% Non-fibrous (other)	None Detected
222140161204E 241402217-0014	Basement-perimeter walls - interior base coat	Gray Non-Fibrous Homogeneous		35% Quartz 10% Ca Carbonate 55% Non-fibrous (other)	None Detected

Analyst(s)
Kristin Lopez (12)
Lauren Brennan (14)


Gloria V. Oriol, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0.

Initial report from 06/18/2014 09:53:41



EMSL Analytical, Inc.

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 Phone/Fax: 203-284-5948 / (203) 284-5978
<http://www.EMSL.com> wallingfordlab@emsl.com

EMSL Order: 241402217
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Attn: **Chris Hudacek**
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2685 State Street

Hamden, CT 06517

 Project: 730 STRATFORD/22214-1699

Phone: (203) 288-1281
 Fax: (203) 248-4409
 Received: 06/12/14 4:55 PM
 Analysis Date: 6/17/2014
 Collected: 6/12/2014

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
222140161205A 241402217-0015	Basement-chimney - refractory cement	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
222140161205B 241402217-0016	Basement-chimney - refractory cement	Gray Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
222140161205C 241402217-0017	Basement-chimney - refractory cement	Gray Non-Fibrous Homogeneous	<1% Cellulose	30% Quartz 70% Non-fibrous (other)	None Detected
222140161206A 241402217-0018	Exterior- rear foundation walls - exterior surface coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	35% Quartz 40% Ca Carbonate 25% Non-fibrous (other)	None Detected
222140161206B 241402217-0019	Exterior- rear foundation walls - exterior surface coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	35% Quartz 35% Ca Carbonate 30% Non-fibrous (other)	None Detected
222140161206C 241402217-0020	Exterior- rear foundation walls - exterior surface coat	Gray Non-Fibrous Homogeneous		20% Quartz 30% Ca Carbonate 50% Non-fibrous (other)	None Detected
222140161207A 241402217-0021	Front porch - grout assoc. w/ceramic floor tile	Tan Non-Fibrous Homogeneous	<1% Cellulose	20% Quartz 80% Non-fibrous (other)	None Detected

Analyst(s)

 Kristin Lopez (12)
 Lauren Brennan (14)



 Gloria V. Oriol, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0.

Initial report from 06/18/2014 09:53:41



EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4, Wallingford, CT 06492
Phone/Fax: 203-284-5948 / (203) 284-5978
<http://www.EMSL.com> wallingfordlab@emsl.com

EMSL Order: 241402217
CustomerID: FSS93
CustomerPO:
ProjectID:

Attn: **Chris Hudacek**
Facility Support Services, LLC
2685 State Street

Hamden, CT 06517

Project: 730 STRATFORD/22214-1699

Phone: (203) 288-1281
Fax: (203) 248-4409
Received: 06/12/14 4:55 PM
Analysis Date: 6/17/2014
Collected: 6/12/2014

Test Report: Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
222140161207B 241402217-0022	Front porch - grout assoc. w/ceramic floor tile	Gray Non-Fibrous Homogeneous	<1% Cellulose	30% Quartz 10% Ca Carbonate 60% Non-fibrous (other)	None Detected
222140161208A 241402217-0023	Front porch - setting compound assoc. w/ceramic floor tile	Gray Non-Fibrous Homogeneous	<1% Cellulose	15% Quartz 85% Non-fibrous (other)	None Detected
222140161208B 241402217-0024	Front porch - setting compound assoc. w/ceramic floor tile	Gray Non-Fibrous Homogeneous	<1% Cellulose	30% Quartz 5% Ca Carbonate 65% Non-fibrous (other)	None Detected
222140161209A 241402217-0025	Basement - interior window glazing	Gray Non-Fibrous Homogeneous	<1% Cellulose	45% Ca Carbonate 55% Non-fibrous (other)	None Detected
222140161209B 241402217-0026	Basement - interior window glazing	Gray Non-Fibrous Homogeneous	3% Cellulose	2% Ca Carbonate 95% Non-fibrous (other)	None Detected

Analyst(s)

Kristin Lopez (12)
Lauren Brennan (14)



Gloria V. Oriol, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0.

Initial report from 06/18/2014 09:53:41



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

241402217

EMSL Analytical, Inc.
29 North Plains Hwy
Unit 4
Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

Company : Facility Support Services, LLC		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2685 State Street		<i>Third Party Billing requires written authorization from third party</i>	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Chris Hudacek		Telephone #: 203-288-1281	
Email Address: chudacek.fss@fss.net		Fax #: 203-248-4409	Purchase Order:
Project Name/Number: 730 Stratford/2224-1699		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CT		Connecticut Samples: <input checked="" type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential	

Turnaround Time (TAT) Options* - Please Check

3 Hour
 6 Hour
 24 Hour
 48 Hour
 72 Hour
 96 Hour
 1 Week
 2 Week

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167) Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique Other: <input type="checkbox"/>
---	--	---

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Chris Hudacek Samplers Signature:

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	SEE ATTACHED		

RECEIVED
 JUN 12 2014
 By 16:55
 walsh

Client Sample # (s):	-	Total # of Samples: 24
Relinquished (Client):	Date: 6/12/14	Time:
Received (Lab):	Date:	Time:
Comments/Special Instructions:		

2685 STATE ST. 17
FACILITY SUPPORT SERVICES, LLC
Asbestos Sampling Log

CLIENT: Martinez Couch & Assoc. DATE: 6/12/14

LOCATION: 730 Stratford Ave. Stratford SAMPLED BY: C. Hudacek

SAMPLE ID	LOCATION	DESCRIPTION
222140612 01A	Basement - Divider Wall	Sheetrock
B	↓	↓
02A	↓	Joint Compound
B	↓	↓
03A	Basement - Perimeter Walls	Interior Skim coat
B	↓	↓
C	↓	↓
D	↓	↓
E	↓	↓
04A	↓	Interior Base Coat
B	↓	↓
C	↓	↓
D	↓	↓
E	↓	↓
05A	Basement - Chimney	Refractory Cement
B	↓	↓
C	↓	↓
06A	Exterior - Rear foundation Walls	Exterior surface coat
B	↓	↓
C	↓	↓



ATTACHMENT D
LEAD ANALYTICAL DATA



GILBERTCO

LEAD INSPECTIONS, LLC

“LEAD BASED PAINT SPECIALIST”

June 16, 2014

Job 9928-8-730

Kevin Bogue, LEP, CHMM
Facility Support Services, LLC
2685 State Street
Hamden, Connecticut 06517

Re: Lead Based Paint Inspection: 730 Stratford Avenue, Stratford, Connecticut

Gilbertco Lead Inspections LLC performed a limited XRF inspection for the presence of lead based paint at 730 Stratford Ave., Stratford, Connecticut. The inspection was requested by Facility Support Services in response to planned renovations to the site by State of Connecticut Department of Housing Community Block Grant Disaster Recovery Program.

The site inspected consists of a two story single family home built about 1920. The house is scheduled to be raised to meet new Flood Zone Requirements.

In accordance with HUD/EPA guidance issued June 26, 1996, the Scitec Map 4 Spectrum Analyzer was used in the “Unlimited” assaying mode. This enables the equipment to accurately determine whether the result is “Positive”, above the 1.0 mg/cm² action level or “Negative”, below the action level regardless of precision or operator bias. In accordance with the above guidance, values of 0.91 mg/cm² through 1.19 mg/cm² are considered “Inconclusive”, meaning the value level of lead in paint was so close to the 1.0 mg/cm² action level that further analysis by XRF would not result in a “Positive” or “Negative” answer. Only laboratory analysis of the paint film can determine actual values in this range. Chip sampling of inconclusive was not included in the scope of this report, therefore, any results above 0.9 mg/cm² are considered positive. Results are arranged floor plan style with the substrate and condition noted. Orientation of rooms places side ‘one’ as street side, with side ‘two’ to the left, side ‘three’ opposite, and wall ‘four’ to the right. Rooms were tested in a clockwise pattern.

In regards to the above mentioned property, *several lead based painted surfaces were identified.* These surfaces are currently intact or rigidly encapsulated with sheetrock with the

exception of the rear exterior metal railing. Once the elevation of the home is completed, lead dust wipes for reoccupancy should be obtained to insure a lead safe home

This lead inspection report should be disclosed to future tenants and /or buyers in accordance with Title X (copy enclosed). As with any lead-containing surface, children should not be allowed to chew or mouth painted surfaces as this is a common source of lead poisoning in children.

Please feel free to call if any questions arise,

A handwritten signature in cursive script that reads "Maureen Monaco".

Maureen Monaco

Director of Operations

Consultant Contractor #270

Lead Inspector Risk Assessor #1172

Lead Abatement Supervisor #2383

CERTIFICATION
LEAD IN PAINT RESULTS

AGENCY: GILBERTCO LEAD INSPECTIONS LLC
287 MAIN STREET
ANSONIA, CONNECTICUT 06401

PROJECT ADDRESS: 730 STRATFORD AVENUE
STRATFORD, CONNECTICUT

PROJECT NUMBER: 9928-8-730

TEST DATE: JUNE 12, 2014

REQUIREMENTS: CHAPTER 7 HUD GUIDELINES
LEAD INSPECTION- SURFACE BY SURFACE

INSTRUMENTATION: SCITEC MAP4 PORTABLE X-RAY (BRUKER HANDHELD)
FLUOROSCOPE SPECTRUM ANALYZER
(XRF) COBALT 57 SOURCE

REPORT MEDIUM: MG PB/CM2 (MILLIGRAMS OF LEAD
PER SQUARE CENTIMETER)

CALIBRATION: TO MEASURE LEAD K-SHELL EMISSIONS.
FACTORY CALIBRATED WITH HUD APPROVED
REFERENCE STANDARDS. CALIBRATION FIELD
CHECKED HOURLY AS RECOMMENDED BY
MANUFACTURER

OPERATORS CERTIFICATION: LEAD CONSULTANT CONTRACTOR-CC270
LEAD INSPECTOR RISK ASSESSOR- IR 1172
LEAD ABATEMENT SUPERVISOR- 2383

I hereby certify to the best of my knowledge and capabilities that this report reflects the true lead content of the surfaces tested in this report on this date.

Maureen Moran 6-12-2014

730 Stratford Ave., Stratford, CT 06615

June 12, 2014

Room Type	Room #	Wall #	Component	Substrate	Condition	K Shell	Decision
Calibration						1.07	Okay
Front Porch	1	1	Window Sill	Wood	Intact	0.23	Negative
Front Porch	1	1	Window Trim	Wood	Intact	0.86	Negative
Front Porch	1	1	Wall	Wood	Intact	0.76	Negative
Front Porch	1	1	Baseboard	Wood	Intact	1.53	Positive
Front Porch	1	4	Door Casing	Wood	Intact	0.65	Negative
Front Porch	1	4	Wall	Wood	Intact	-0.39	Negative
Front Porch	1	4	Ceiling Beam	Wood	Intact	4.64	Positive
Front Porch	1	1	Ceiling	Wood	Intact	2.51	Positive
Front Porch	1	3	Door	Metal	Intact	-0.22	Negative
Front Porch	1	3	Door Jamb	Wood	Intact	-0.15	Negative
Front Porch	1	3	Door Casing	Wood	Intact	0.03	Negative
Front Porch	1	2	Window Sill	Wood	Intact	5.64	Positive
Front Porch	1	2	Window TRim	Wood	Intact	5.66	Positive
Front Porch	1	2	Baseboard	Wood	Intact	1.85	Positive
Living Room	2	1	Door	Metal	Intact	-0.29	Negative
Living Room	2	1	Door Casing	Wood	Intact	0.17	Negative
Living Room	2	1	Wall	Sheetrk	Intact	0.05	Negative
Living Room	2	1	Window Trim	Wood	Intact	-0.05	Negative
Living Room	2	1	Ceiling	Sheetrk	Intact	0.03	Negative
Living Room	2	4	Wall	Sheetrk	Intact	0.23	Negative
Living Room	2	4	Window Trim	Wood	Intact	-0.04	Negative
Living Room	2	4	Radiator	Sheetrk	Intact	-0.21	Negative
Living Room	2	4	Floor	Wood	Stain/varnish	-0.12	Negative
Living Room	2	4	Baseboard	Wood	Intact	0.07	Negative
Living Room	2	4	Window Trim	Wood	Intact	0.13	Negative
Living Room	2	1	Ceiling	Sheetrk	Intact	-0.13	Negative
Living Room	2	3	Wall	Sheetrk	Intact	0.12	Negative
Living Room	2	3	Stair Stringer	Wood	Intact	0.53	Negative
Living Room	2	3	Stair Tread	Wood	Intact	0.07	Negative
Living Room	2	1	Stair Riser	Wood	Intact	0.36	Negative
Living Room	2	1	Stair Stringer	Wood	Intact	1.31	Positive
Living Room	2	1	Stair stringer	Wood	Intact	1.65	Positive
Living Room	2	1	Newel Post	Wood	Intact	1.54	Positive
Living Room	2	1	Railing	Wood	Intact	0.05	Negative
Living Room	2	1	Spindle	Wood	Intact	2.23	Positive
Living Room	2	2	Wall	Sheetrk	Intact	0.15	Negative
Living Room	2	2	Window Trim	Wood	Intact	-0.08	Negative
Living Room	2	2	Baseboard	Wood	Intact	-0.23	Negative
Living Room	2	3	Wall	Sheetrk	Intact	0	Negative
Living Room	2	3	Baseboard	Wood	Intact	0.04	Negative
Living Room	2	1	Floor	Wood	Stain/varnish	0.19	Negative

730 Stratford Ave., Stratford, CT 06615

June 12, 2014

Dining Room	3	1 Wall	Sheetrk	Intact	-0.01	Negative
Dining Room	3	1 Baseboard	Wood	Intact	-0.06	Negative
Dining Room	3	2 Wall	Sheetrk	Intact	0.15	Negative
Dining Room	3	2 Window Trim	Wood	Intact	0.32	Negative
Dining Room	3	2 Wall	Sheetrk	Intact	0.03	Negative
Dining Room	3	2 Radiator	Metal	Intact	-0.01	Negative
Dining Room	3	3 Wall	Sheetrk	Intact	-0.09	Negative
Dining Room	3	3 Radiator	Metal	Intact	-0.25	Negative
Dining Room	3	3 Baseboard	Wood	Intact	0.22	Negative
Dining Room	3	3 Floor	Wood	Stain/varnish	-0.21	Negative
Dining Room	3	1 Ceiling	Sheetrk	Intact	-0.04	Negative
Dining Room	3	4 Cabinet	Wood	Intact	-0.01	Negative
1st Fl Bath	4	1 Door	Wood	Intact	-0.16	Negative
1st Fl Bath	4	1 Door Jamb	Wood	Intact	-0.28	Negative
1st Fl Bath	4	1 Door Casing	Wood	Intact	0.3	Negative
1st Fl Bath	4	1 Wall	Sheetrk	Intact	-0.06	Negative
1st Fl Bath	4	1 Baseboard	Wood	Intact	0.08	Negative
1st Fl Bath	4	1 Ceiling	Sheetrk	Intact	-0.14	Negative
1st Fl Bath	4	2 Wall	Sheetrk	Intact	0.03	Negative
1st Fl Bath	4	2 Radiator	Metal	Intact	0.16	Negative
1st Fl Bath	4	3 Wall	Sheetrk	Intact	-0.12	Negative
1st Fl Bath	4	3 Window Trim	Wood	Intact	0.08	Negative
1st Fl Bath	4	3 Baseboard	Wood	Intact	0.18	Negative
1st Fl Bath	4	4 Wall	Sheetrk	Intact	-0.05	Negative
1st Fl Bath	4	4 Cabinet	Wood	Intact	-0.09	Negative
Kitchen	5	1 Wall	Sheetrk	Intact	0.13	Negative
Kitchen	5	1 Cabinet	Wood	Stain/varnish	-0.31	Negative
Kitchen	5	1 Ceiling*	Sheetrk	Intact	1.87	Positive
Kitchen	5	1 Ceiling*	Sheetrk	Intact	1.71	Positive
Kitchen	5	1 Ceiling*	Sheetrk	Intact	2.63	Positive
		*appears new				
Kitchen	5	4 Wall	Sheetrk	Intact	-0.11	Negative
Kitchen	5	4 Window Trim	Wood	Intact	0	Negative
Kitchen	5	4 Window Sill	Wood	Intact	-0.07	Negative
Kitchen	5	4 Window Sill	Wood	Intact	0.07	Negative
Kitchen	5	4 Window Trim	Wood	Intact	-0.17	Negative
Kitchen	5	4 Radiator	Wood	Intact	-0.03	Negative
Kitchen	5	3 Door	Metal	Intact	0.07	Negative
Kitchen	5	3 Door Casing	Wood	Intact	-0.13	Negative
Kitchen	5	3 Wall	Sheetrk	Intact	0.21	Negative
Kitchen	5	3 Cabinet	Wood	Stain/varnish	0.24	Negative
Kitchen	5	3 Cabinet	Wood	Stain/varnish	0.13	Negative
Kitchen	5	2 Cabinet	Wood	Intact	-0.01	Negative
Kitchen	5	2 Baseboard	Wood	Intact	0.04	Negative
Kitchen	5	2 Wall	Sheetrk	Intact	-0.15	Negative

730 Stratford Ave., Stratford, CT 06615

June 12, 2014

Kitchen	5	1 Door	Wood	Intact	-0.04	Negative
Kitchen	5	1 Door Casing	Wood	Intact	0.09	Negative
Kitchen	5	1 Cabinet	Wood	Stain/varnish	-0.2	Negative
Kitchen	5	1 Ceiling*	Sheetrk	Intact	2.29	Positive
		*appears new				
Basement	6	1 Wall	Masonry	Non-intact	-0.65	Negative
Basement	6	1 Wall	Masonry	Non-intact	-0.16	Negative
Basement	6	2 Wall	Masonry	Non-intact	0.06	Negative
Basement	6	3 Wall	Sheetrk	Non-intact	0.07	Negative
Basement	6	3 Door Jamb	Wood	Intact	-0.1	Negative
Basement	6	2 Wall	Masonry	Non-intact	-0.22	Negative
Basement	6	2 Wall	Masonry	Non-intact	-0.02	Negative
Basement	6	1 Ceiling	Masonry	Non-intact	-0.14	Negative
Basement	6	1 Floor	Masonry	Non-intact	0.18	Negative
Basement	6	3 Wall	Masonry	Non-intact	0.09	Negative
Basement	6	4 Wall	Masonry	Non-intact	-0.72	Negative
Basement	6	4 Window Trim	Metal	Non-intact	-0.04	Negative
Basement	6	1 Stair Tread	Wood	Stain/varnish	-0.03	Negative
Basement	6	1 Stair Riser	Wood	Stain/varnish	-0.25	Negative
Basement	6	1 Railing	Metal	Intact	-0.13	Negative
Basement	6	3 Wall	Sheetrk	Non-intact	-0.03	Negative
Basement	6	1 Ceiling	Wood	Intact	-0.04	Negative
Basement	6	1 Wall	Wood	Intact	0.06	Negative
Basement	6	1 Ceiling	Sheetrk	Non-intact	0.09	Negative
Basement	6	1 Landing	Wood	Intact	0.55	Negative
Basement	6	3 Door Casing	Wood	Intact	0.01	Negative
Rear Exit	7	1 Door	Metal	Intact	0.16	Negative
Rear Exit	7	1 Door Jamb	Wood	Intact	0.02	Negative
Rear Exit	7	1 Wall	Wood	Intact	0.32	Negative
Rear Exit	7	2 Wall	Wood	Intact	0.5	Negative
Rear Exit	7	1 Ceiling	Wood	Intact	3.5	Positive
Rear Exit	7	3 Window Sill	Wood	Intact	0.32	Negative
Rear Exit	7	3 Window Trim	Wood	Intact	-0.07	Negative
Rear Exit	7	3 Wall	Wood	Intact	0.31	Negative
Rear Exit	7	4 Door Casing	Wood	Intact	-0.1	Negative
Rear Exit	7	4 Door Jamb	Wood	Intact	-0.08	Negative
Rear Exit	7	4 Wall	Wood	Intact	0.18	Negative
Rear Exit	7	4 Baseboard	Wood	Intact	0.09	Negative
Front BR	8	3 Door	Wood	Intact	-0.22	Negative
Front BR	8	3 Door Jamb	Wood	Intact	0.24	Negative
Front BR	8	3 Door Casing	Wood	Intact	0.14	Negative
Front BR	8	3 Wall	Sheetrk	Intact	-0.17	Negative
Front BR	8	3 Wall	Sheetrk	Intact	-0.66	Negative
Front BR	8	4 Wall	Sheetrk	Intact	0.15	Negative

730 Stratford Ave., Stratford, CT 06615

June 12, 2014

Front BR	8	4 Baseboard	Wood	Intact	-0.25	Negative
Front BR	8	1 Wall	Sheetrk	Intact	-0.14	Negative
Front BR	8	1 Window Trim	Wood	Intact	0.11	Negative
Front BR	8	1 Radiator	Metal	Intact	-0.1	Negative
Front BR	8	2 Wall	Sheetrk	Intact	-0.22	Negative
Front BR	8	2 Door Casing	Wood	Intact	0.28	Negative
Front BR	8	2 Door Jamb	Wood	Intact	-0.21	Negative
Front BR	8	2 Shelf Support	Wood	Intact	-0.19	Negative
2nd Fl Bath	9	2 Door	Wood	Intact	0.02	Negative
2nd Fl Bath	9	2 Door Jamb	Wood	Intact	0.11	Negative
2nd Fl Bath	9	2 Door Casing	Wood	Intact	0.03	Negative
2nd Fl Bath	9	2 Wall	Sheetrk	Intact	-0.06	Negative
2nd Fl Bath	9	2 Ceiling	Sheetrk	Intact	0.11	Negative
2nd Fl Bath	9	2 Wall	Sheetrk	Intact	0	Negative
2nd Fl Bath	9	2 Window Trim	Wood	Intact	0.11	Negative
2nd Fl Bath	9	2 Radiator	Metal	Intact	-0.13	Negative
2nd Fl Bath	9	2 Baseboard	Wood	Intact	0.22	Negative
2nd Fl Bath	9	3 Wall	Sheetrk	Intact	0.05	Negative
2nd Fl Bath	9	3 Cabinet	Wood	Stain/varnish	0.01	Negative
2nd Fl Bath	9	4 Wall	Sheetrk	Intact	0.01	Negative
2nd Fl Bath	9	1 Ceiling	Sheetrk	Intact	-0.1	Negative
Rear Left BR	10	1 Door	Wood	Intact	0.05	Negative
Rear Left BR	10	1 Door Jamb	Wood	Intact	0.14	Negative
Rear Left BR	10	1 Door Casing	Wood	Intact	0.07	Negative
Rear Left BR	10	1 Wall	Sheetrk	Intact	-0.14	Negative
Rear Left BR	10	1 Baseboard	Wood	Intact	-0.14	Negative
Rear Left BR	10	2 Wall	Sheetrk	Intact	-0.41	Negative
Rear Left BR	10	2 Window Trim	Wood	Intact	-0.29	Negative
Rear Left BR	10	3 Wall	Sheetrk	Intact	0.3	Negative
Rear Left BR	10	3 Window Trim	Wood	Intact	-0.08	Negative
Rear Left BR	10	3 Radiator	Metal	Intact	0.2	Negative
Rear Left BR	10	3 Wall	Sheetrk	Intact	0.11	Negative
Rear Left BR	10	4 Wall	Sheetrk	Intact	0.11	Negative
Rear Left BR	10	4 Baseboard	Wood	Intact	-0.2	Negative
Rear Left BR	10	4 Closet Door	Wood	Intact	-0.02	Negative
Rear Left BR	10	4 Clo Dr Csng	Wood	Intact	-0.15	Negative
Rear Left BR	10	4 Baseboard	Wood	Intact	-0.11	Negative
Rear Left BR	10	4 Ceiling	Sheetrk	Intact	0.21	Negative
Rear Right BR	11	2 Door	Wood	Intact	-0.08	Negative
Rear Right BR	11	2 Door Jamb	Wood	Intact	-0.24	Negative
Rear Right BR	11	2 Door Casing	Wood	Intact	-0.27	Negative
Rear Right BR	11	2 Wall	Sheetrk	Intact	-0.27	Negative
Rear Right BR	11	2 Baseboard	Wood	Intact	0.09	Negative
Rear Right BR	11	2 Closet Door	Wood	Intact	-0.31	Negative

730 Stratford Ave., Stratford, CT 06615

June 12, 2014

Rear Right BR	11	2	Clo Dr Csng	Wood	Intact	-0.03	Negative
Rear Right BR	11	2	Wall	Sheetrk	Intact	0.05	Negative
Rear Right BR	11	2	Window Trim	Wood	Intact	0.02	Negative
Rear Right BR	11	2	Radiator	Metal	Intact	0.02	Negative
Rear Right BR	11	3	Wall	Sheetrk	Intact	0.31	Negative
Rear Right BR	11	3	Ceiling	Sheetrk	Intact	0.24	Negative
Rear Right BR	11	3	Wall	Sheetrk	Intact	0.05	Negative
Rear Right BR	11	4	Window Trim	Wood	Intact	0.02	Negative
Rear Right BR	11	4	Baseboard	Wood	Intact	-0.4	Negative
Rear Right BR	11	1	Closet Door	Wood	Intact	0.04	Negative
Rear Right BR	11	1	Clo Dr Csng	Wood	Intact	-0.19	Negative
Rear Right BR	11	1	Wall	Sheetrk	Intact	0.25	Negative
Rear Right BR	11	1	Baseboard	Wood	Intact	0.05	Negative
Rear Right BR	11	1	Ceiling	Sheetrk	Intact	0.29	Negative
Exterior	12	Right Rear	Floor	Masonry	Non-intact	0.01	Negative
Exterior	12	Right Rear	Railing	Metal	Non-intact	2.87	Positive
Exterior	12	Right Rear	Foundation Wall	Masonry	Intact	-0.43	Negative
Exterior	12	Right Rear	Basement wnd	Metal	Non-intact	0.51	Negative
Exterior	12	Right Rear	Basement wnd	Metal	Non-intact	0.27	Negative
Exterior	12	Right Front	Stair Tread	Wood	Non-intact	0.19	Negative
Exterior	12	Right Front	Railing	Wood	Non-intact	0.14	Negative
Exterior	12	Right Front	Kick plate	Wood	Non-intact	-0.21	Negative
Exterior	12	Right Front	Floor	Wood	Non-intact	-0.28	Negative
Exterior	12	Right Front	Floor	Masonry	Intact	0.27	Negative
Exterior	12	Rear	Wall	Masonry	Intact	-0.27	Negative
Exterior	12	Rear	Door	Wood	Intact	0.04	Negative
Exterior	12	Rear	Door Casing	Wood	Intact	0.03	Negative
Exterior	12	Rear	Foundation Wall	Masonry	Intact	-0.26	Negative
Exterior	12	Left	Foundation Wall	Masonry	Intact	-0.35	Negative
Exterior	12	Front	Window triim	Wood	Non-intact	0.51	Negative

MANAGEMENT PLAN
FOR
INTACT LEAD-BASED PAINT CONTAINING SURFACES

As a homeowner, you should know that painted surfaces throughout this house have been found to contain toxic levels of lead. These surfaces do not have to be abated as they are presently intact. Lead paint and lead dust pose a health risk and are especially dangerous to young children and pregnant woman. The inspection report lists areas that contain lead based paint. Lead paint is presumed to exist on all similarly painted surfaces whether tested or not. If currently intact surfaces become nonintact then lead hazard remediation procedures must be invoked.

As the homeowner, you are responsible for observing and monitoring all areas that have been identified or presume to contain lead based paint. Further testing and possible abatement may be needed if any of the surfaces are to be disturbed during renovations or if the surfaces become damaged. Defective surfaces are characterized by cracking, blistering, chalking or peeling paint. If any of these conditions arise, you should contact a qualified lead abatement contractor, a Renovate Right Certified Contractor or the local health department. Do not attempt to remove lead containing surfaces yourself as the lead dust that may arise is extremely hazardous.

As the homeowner, you are responsible for warning all persons entering your home that lead based paint is present. This includes tenants, visitors, etc. In April 2010, a new EPA regulation requires that any contractor who disturbs more than six square feet of painted surface must be certified as a Renovate Right Contractor. Homeowners are allowed to do their own renovation but are not exempt from providing renovation notices or posting informational signs. Further information regarding Renovate Right may be obtained at www.epa.gov/lead/pubs/renovation or by calling the National Lead Information Center at 1-800-424-LEAD (5323).

Children are especially susceptible to lead hazards. As with any lead containing surface, children should not be allowed to mouth or chew on woodwork. Hygiene practices must include hand washing before meals.

If any child is found to have an elevated blood lead level then you must notify the local health department.

ATTACHMENT E
PCB ANALYTICAL DATA

80 Lupes Drive
Stratford, CT 06615



Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cetlabs.com

Client: Mr. Chris Hudacek
Facility Support Services
2685 State Street
Hamden, CT 06517

Analytical Report

CET# 4060387

Report Date: June 20, 2014
Project: Martinez Couch, 730 Stratford Ave
Project Number: 22214-1699

Connecticut Laboratory Certificate: PH 0116
Massachusetts laboratory Certificate.: M-CT903
Rhode Island Certification: 199



New York Certification: 11982
Florida Laboratory Certification: E871064

CET #:4060387

Project: Martinez Couch, 730 Stratford Ave

Project Number: 22214-1699

SAMPLE SUMMARY

The sample(s) were received at 4.4°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
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PCB 01 (Int. Window Glazing)	4060387-01	Caulk	6/12/2014	06/13/2014
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Client Sample ID PCB 01 (Int. Window Glazing)

Lab ID: 4060387-01

PCBs by Soxhlet

Method: EPA 8082A

Analyst: CA

Matrix: Caulk

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B4F1633	06/16/2014	06/18/2014 17:09	
PCB-1221	ND	0.80	4	EPA 3540C	B4F1633	06/16/2014	06/18/2014 17:09	
PCB-1232	ND	0.80	4	EPA 3540C	B4F1633	06/16/2014	06/18/2014 17:09	
PCB-1242	ND	0.80	4	EPA 3540C	B4F1633	06/16/2014	06/18/2014 17:09	
PCB-1248	ND	0.80	4	EPA 3540C	B4F1633	06/16/2014	06/18/2014 17:09	
PCB-1254	0.81	0.80	4	EPA 3540C	B4F1633	06/16/2014	06/18/2014 17:09	
PCB-1260	ND	0.80	4	EPA 3540C	B4F1633	06/16/2014	06/18/2014 17:09	
PCB-1268	ND	0.80	4	EPA 3540C	B4F1633	06/16/2014	06/18/2014 17:09	
PCB-1262	ND	0.80	4	EPA 3540C	B4F1633	06/16/2014	06/18/2014 17:09	

<i>Surrogate: TCMX</i>	<i>44.4 %</i>	<i>50 - 150</i>			B4F1633	06/16/2014	<i>06/18/2014 17:09</i>	L
<i>Surrogate: DCB</i>	<i>55.4 %</i>	<i>50 - 150</i>			B4F1633	06/16/2014	<i>06/18/2014 17:09</i>	

CET #:4060387

Project: Martinez Couch, 730 Stratford Ave

Project Number: 22214-1699

QUALITY CONTROL SECTION

Batch B4F1633 - EPA 8082A

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4F1633-BLK1)					Prepared: 6/16/2014 Analyzed: 6/18/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							
<i>Surrogate: TCMX</i>					60.5	50 - 150			
<i>Surrogate: DCB</i>					80.8	50 - 150			
LCS (B4F1633-BS1)					Prepared: 6/16/2014 Analyzed: 6/18/2014				
PCB-1016	0.695	0.20	1.000		69.5	50 - 150			
PCB-1260	0.768	0.20	1.000		76.8	50 - 150			
<i>Surrogate: TCMX</i>					70.8	50 - 150			
<i>Surrogate: DCB</i>					89.0	50 - 150			
Calibration Check (B4F1633-CCV1)					Prepared: 6/16/2014 Analyzed: 6/19/2014				
PCB-1016	0.993	0.20	1.000		99.3	80 - 120			
PCB-1260	0.919	0.20	1.000		91.9	80 - 120			
<i>Surrogate: TCMX</i>					106	50 - 150			
<i>Surrogate: DCB</i>					81.6	50 - 150			



80 Lupes Drive
Stratford, CT 06615

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cet1@cetlabs.com

Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-tarer organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration Batch	An analytical standard analyzed with each set of samples to verify initial calibration of the system. Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate Result	Result from the duplicate analysis of a sample. Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

- Flags:
- H- Recovery is above the control limits
 - L- Recovery is below the control limits
 - B- Compound detected in the Blank
 - P- RPD of dual column results exceeds 40%
 - #- Sample result too high for accurate spike recovery.



Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

CET #:4060387

Project: Martinez Couch, 730 Stratford Ave

Project Number: 22214-1699

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta
Laboratory Director

Report Comments:

ND is None Detected at the specified detection limit

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.

Sample Result Flags:

E- The result is estimated, above the calibration range.

H- The surrogate recovery is above the control limits.

L- The surrogate recovery is below the control limits.

B- The compound was detected in the laboratory blank.

P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.

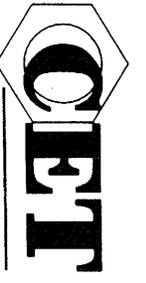
D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.

+ - The Surrogate was diluted out.

*- The analyte has a QC outlier. Please refer to QC section of the report for details.

All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.



4 0 6 0 3 8 7

COMPLETE ENVIRONMENTAL TESTING, INC.

IF CUSTODY RECORD

CET #

Volatile Soils Only:

Date and Time in Freezer

Client:

CET

80 Lupes Drive
Stratford, CT 06615
Tel: (203) 377-9984
Fax: (203) 377-9952
e-mail: cet1@cellabs.com

Sample ID	Date/Time	Matrix A=Air S=Soil W=Water DW=Drinking W C=Cassette Solid Wipe Other (Specify)	Turnaround Time ** (check one)			
			Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)
PCB01 (Int. Window Cleaning)	6/12/14	Solids				X

Organics		Metals (check all that apply)		Additional Analysis	
8260 CT List		13 Priority Poll			
8260 Aromatics		8 RCRA			
8260 Halogens		TOTAL			
SPLP 8260		TCLP			
TCLP 8260		SPLP			
CT ETPH		Field Filtered			
8270 CT List		Lab To Filter			
8270 PNAS					
PCBs Soxhlet	X				
Pesticides					
Herbicides					
TOTAL # OF CONT.					1
NOTE #					

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	DATE/TIME
<i>[Signature]</i>	0-13-14	<i>[Signature]</i>	0855
<i>[Signature]</i>	0-13-14	<i>[Signature]</i>	1545

PRESERVATIVE (Cl-HCl, N-HNO₃, S-H₂SO₄, Na-NaOH, O=Cool, O-Other)

CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)

Soil VOCs Only (M=MeOH B=Sodium W=Water F=Vial Empty E=Encore)

RELINQUISHED BY: *[Signature]* DATE/TIME: 0-13-14 RECEIVED BY: *[Signature]* DATE/TIME: 0855

RELINQUISHED BY: *[Signature]* DATE/TIME: 0-13-14 RECEIVED BY: *[Signature]* DATE/TIME: 1545

Client / Reporting Information

Company Name: Facility Support Services, LLC

Address: 2685 State Street

City: Hamden State CT ZIP: 06517

Report to: Chris Hudacsek chudacsek.ess@snet.net

Phone # 203-288-1281 Fax #

Project Contact: Chris Hudacsek PO #: 22214-1699

Project: Martinez Couch Project #: 22214-1699

Location: 730 Stratford Ave. Collector(s): C. Hudacsek

GA/QC Sid Site Specific (MS/MSD) * RCP Plig * DQAW *

Data Report Email PDF Excel Other

RSR Reporting Limits (check one) GA GB SWP Other (specify)

Lab Use: Evidence of Cooling: 44 °C or N SHEET 1 OF 1

Temp Upon Receipt

NOTES: Report to <1 ppm PCB via Soxhlet

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV: 7/1/10