



# **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**

**106 Hollister Avenue  
Bridgeport, 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

May 28, 2014

FSS #22214

## **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".

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Kevin S. Bogue, LEP, CHMM  
Project Manager  
CTDPH Asbestos Inspector #000157

## TABLE OF CONTENTS

<b>Section</b>	<b>Page</b>
I. Introduction.....	1
II. Mold.....	1
III. Radon .....	3
IV. Asbestos .....	4
V. PCBs .....	6
VI. Lead.....	6
VII. Conclusions & Recommendations.....	7

## TABLES

Table 1	Summary of Laboratory Analysis of Spore Types
Table 2	Summary of Laboratory Analysis of Radon
Table 3	Positive Asbestos Bulk Sampling Results Table

## ATTACHMENTS

Attachment A	Mold Analytical Data
Attachment B	Radon Analytical Data
Attachment C	FSS Licensure
Attachment D	Asbestos Laboratory Analytical Data
Attachment E	Lead Analytical Data

## **I. Introduction**

Facility Support Services, LLC (FSS) was contracted by Martinez, Couch & Associates, LLC (MCA) to perform a limited scope hazardous materials survey of 106 Hollister Avenue in Bridgeport, 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.

In addition, FSS performed radon testing as required for DOH funded projects. 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 May 13, 2014. Testing for total spores in air was conducted for the following areas of 106 Hollister Avenue in Bridgeport, Connecticut to identify concerns with indoor air quality related to mold and fungi:

- 1<sup>st</sup> Bedroom
- 2nd Bedroom
- Outside of House

The outside ambient air sample provided a background reference sample (collected from a location in the front yard). Mr. Kevin Bogue 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**  
**106 Hollister Avenue; Bridgeport, Connecticut**

Sample Number & Location	Raw Count	Total Fungi (Count/m <sup>3</sup> )	Spore Types Present
20140513_MS1 1st Bedroom	1253	26,461	Alternaria, Ascospores, Aspergillus/Penicillium, Basidiospores, Bipolaris, Cladosporium, Myxomycetes
20140513_MS2 2 <sup>nd</sup> Bedroom	189	3,984	Ascospores, Aspergillus/Penicillium, Basidiospores, Chaetomium, Cladosporium, Myxomycetes, Pithomyces, Unidentifiable spores
20140513_MS3 Outside of House	33	601	Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Curvularia, Myxomycetes, Unidentifiable spores

The primary mold species was Aspergillus/Penicillium, which 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 106 Hollister Avenue residence of up to 26,461/m<sup>3</sup>, which is well above the 10,000/m<sup>3</sup> 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 interior samples of over 37 times the exterior sample, above the 1/3rd level noted above.

### **III. Radon**

Initial radon testing was conducted by Mr. Kevin Bogue. Test results were obtained by using a passive activated charcoal device manufactured and analyzed by Radon Testing Corporation of America of Elmsford, New York. The test devices are individually numbered and marked with a bar code for identification (RTCA 4 Pass Charcoal Canister, NRSB Device Code 10331).

Devices were placed in the basement level of the residence on May 13, 2014. The sampling devices were placed on table with a yellow "Do Not Disturb Test in Progress" warning sign placed beneath the test device. The homeowner was reminded to not open windows or to allow anyone to tamper with the test device. Testing time was approximately 72.5 hours. QA/QC consisted of the collection of a duplicate sample and a blank.

The Radon canisters were submitted to Radon Testing Corporation of America for analysis. The analytical results for initial samples were reported at between 3.3 and 4.0 pCi/L, as shown on Table 2 below. The blank sample contained 0.2 pCi/L. The Basement samples (#2313524 and #2313490) contained 3.3 pCi/L and 4.0 pCi/L, respectively. The EPA action level established for Radon is 4.0 pCi/L. EPA radon protocols for sampling calls for re-testing when the sample results are at or above 4.0 pCi/L. If the retest sample is found to be 4.0 pCi/L or greater, the EPA recommends that corrective measures be undertaken to reduce exposure to radon gas. Analytical result reports are included in Appendix B.

**Table 2**  
**Summary of Laboratory Analysis of Radon**  
**106 Hollister Avenue; Bridgeport, Connecticut**

Canister ID#	Location	Radon Concentration (pCi/L)
May 13-16, 2014		
2313524	Basement near refrigerator	3.3
2313490	Basement (Duplicate)	4.0
2313496	Blank	0.2
May 22-27, 2014		
2313454	Basement near refrigerator	Results Pending
2313504	Blank	Results Pending

Retesting was conducted between May 22 and May 27, 2014. Two canisters were placed in the exact location as the initial tests for approximately 115 hours. The results of the re-testing are pending. A supplemental report will be issued summarizing the findings of this evaluation.

#### **IV. Asbestos**

FSS conducted a limited scope asbestos inspection and bulk sampling on May 13, 2014 of suspect building materials that are proposed for renovations. The inspection was conducted by Kevin Bogue, a State of Connecticut licensed Asbestos Inspector. Mr. Bogue's Connecticut Asbestos Inspectors/Management Planner license is provided in Appendix C.

The following suspect materials were indentified during the inspection:

- Top Layer of Roofing Shingle
- 2<sup>nd</sup> Layer of Roofing Shingle
- 3<sup>rd</sup> Layer of Roofing Shingle
- Flashing between roof and porch
- Ceiling Board - basement
- Paper backing on fiberglass – attic

- Sheetrock
- Taping compound

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. Refer to Table 3 below for a detailed description of each positive sample.

**Laboratory results have revealed that the asbestos content of the following materials is greater than the 1% required to confirm a material as asbestos containing:**

- Taping Compound associated with sheetrock

**Table 3  
Positive Asbestos Bulk Sample Results**

Sample Number	Location of Sample	Material Sampled	% and Type of Asbestos
20140513_S10A	1 <sup>st</sup> Floor Closet	Taping Compound	2% Chrysotile
20140409_S10B	Stairwell	Taping Compound	2% Chrysotile
20140409_S10C	1 <sup>st</sup> Floor Closet	Taping Compound	3% Chrysotile

*Note: Non-asbestos containing drywall associated with the asbestos containing joint compound is considered to be contaminated with this material and therefore must be removed as an asbestos containing material.*

## **V. PCBs**

Following an inspection of building materials proposed for renovations, no suspected PCB-containing materials were identified.

## **VI. 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 that several exterior areas tested positive for lead based paint (>1.0 mg/cm<sup>2</sup>), including:

- Exterior Door – rear of house
- Exterior overhang and trim - front porch

These materials were found in non-intact (damaged) condition. A copy of the Gilbertco Lead Inspection Report is provided in Appendix E. Following the HUD Lead-Safe Housing Guidelines, the non-intact areas should undergo interim measures to abatement the hazard.

These materials are not proposed to be disturbed during renovation activities, therefore, no testing of building components for leachable lead is required for disposal as non-hazardous for lead at a landfill.

## **VII. Conclusions & Recommendations**

When the structure is renovated, all removed debris should be sent to an appropriate landfill for final disposal following all appropriate regulations. All asbestos containing materials impacted by the project should first be removed by appropriately licensed/trained personnel following all applicable 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** – Asbestos containing materials (>1% asbestos) were identified in taping compound associated with sheetrock. The ACMs identified in this report should be avoided if possible during the project. If any of the ACMs identified will be impacted, a State of Connecticut licensed asbestos contractor must be utilized to remove and dispose of the ACMs following all applicable State and Federal Regulations prior to disturbance.

**PCBs** - No suspected PCBs containing components were identified in proposed renovation materials. Materials proposed for renovation can be disposed of as non-PCB containing materials.

**Mold** – Mold spore count analysis indicates possible accelerated mold growth in the areas surveyed when comparing indoor mold spore count numbers to exterior spore count numbers. Following site renovations, another mold sample should be collected to evaluate impacts to mold levels in the residence pre and post abatement.

**Radon** – Levels of radon were identified in the basement of the residence at a level up to 4.0 pCi/L, the EPA action level. FSS has collected additional Radon samples to further evaluate radon levels. Information on this re-testing event will be provided under separate cover.

## **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](mailto:wallingfordlab@emsl.com)

Order ID: 241401754  
 Customer ID: FSS93  
 Customer PO:  
 Project ID:

**Attn:** Kevin Bogue  
 Facility Support Services, LLC  
 2685 State Street  
 Hamden, CT 06517

Phone: (203) 288-1281  
 Fax: (203) 248-4409  
 Collected: 05/13/2014  
 Received: 05/13/2014  
 Analyzed: 05/14/2014

**Proj:** 22214-#2342

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

Lab Sample Number:	241401754-0001			241401754-0002			241401754-0003		
Client Sample ID:	20140513_MS1			20140513_MS2			20140513_MS3		
Volume (L):	150			150			150		
Sample Location:	1st bedroom			2nd bedroom			Outside		
Spore Types	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total
Alternaria	1*	7*	0	-	-	-	-	-	-
Ascospores	2	40	0.2	3	60	1.5	1	20	3.3
Aspergillus/Penicillium	1170	24700	93.3	163	3440	86.3	1	20	3.3
Basidiospores	8	200	0.8	8	200	5	21	440	73.2
Bipolaris++	1*	7*	0	-	-	-	-	-	-
Chaetomium	-	-	-	1*	7*	0.2	-	-	-
Cladosporium	70	1500	5.7	11	230	5.8	7	100	16.6
Curvularia	-	-	-	-	-	-	1*	7*	1.2
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1*	7*	0	1	20	0.5	1*	7*	1.2
Pithomyces	-	-	-	1*	7*	0.2	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	1	20	0.5	1*	7*	1.2
Zygomycetes	-	-	-	-	-	-	-	-	-
<b>Total Fungi</b>	<b>1253</b>	<b>26461</b>	<b>100</b>	<b>189</b>	<b>3984</b>	<b>100</b>	<b>33</b>	<b>601</b>	<b>100</b>
Hyphal Fragment	2	40	0.2	2	40	1	1	20	3.3
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	2	40	0.2	5	100	2.5	72	1500	250
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	-	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	2	-	-	2	-	-	2	-

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: 05/14/2014 17:34:19

For Information on the fungi listed in this report please visit the Resources section at [www.emsl.com](http://www.emsl.com)



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

# Microbiology Chain of Custody

EMSL Order Number (Lab Use Only):

24140175 4

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 If Bill to is Different note instructions in Comments**	
Street: 2685 State Street		Third Party Billing requires written authorization from third party	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Kevin Bogue		Telephone #: 203-288-1281	
Email Address: kbogue.fss@snet.net		Fax #:	Purchase Order:
Project Name/Number: 22214-#2342		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 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"> <li>• M041 Fungal Direct Examination</li> <li>• M005 Viable Fungi ID and Count</li> <li>• M006 Viable Fungi ID and Count (Speciation)</li> <li>• M007 Culturable Fungi</li> <li>• M008 Culturable Fungi (Speciation)</li> <li>• M009 Gram Stain Culturable Bacteria</li> <li>• M010 Bacterial Count and ID – 3 Most Prominent</li> <li>• M011 Bacterial Count and ID – 5 Most Prominent</li> <li>• M013 Sewage Contamination in Buildings</li> </ul> | <ul style="list-style-type: none"> <li>• M014 Endotoxin Analysis</li> <li>• M015 Heterotrophic Plate Count</li> <li>• M180 Real Time Q-PCR-ERMI 36 Panel</li> <li>• M018 Total Coliform (Membrane Filtration)</li> <li>• M020 Fecal Streptococcus (Membrane Filtration)</li> <li>• M210-215 Legionella Detection</li> <li>• M026 Recreational Water Screen</li> <li>• M027 Mycotoxin Analysis</li> </ul> | <ul style="list-style-type: none"> <li>• M029 Enterococci</li> <li>• M019 Fecal Coliform</li> <li>• M133 MRSA Analysis</li> <li>• M028 Cryptococcus neoformans Detection</li> <li>• M120 Histoplasma capsulatum Detection</li> <li>• M033-39 Allergen Testing</li> <li>• M044 Group Allergen (Cat, Dog, Cockroach, Dustmites)</li> <li>• Other See Analytical Price Guide</li> </ul> |
|---|--|--|

### Preservation Method (Water):

Name of Sampler:	Signature of Sampler:
------------------	-----------------------

Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
Example: A1	Kitchen	Air	M001	75L	1/1/12 4:00 PM
20140513_MS1	1st Bedroom	Air	M001	150L	5/13/14 9:57
20140513_MS2	2nd Bedroom	Air	M001	150L	5/13/14 10:12
20140513_MS3	Outside	Air	M001	150L	5/13/14 10:36

Client Sample # (s): MS1 - MS3	Total # of Samples: 3
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Relinquished (Client): <i>Kevin Bogue</i>	Date: 5/13/14	Time: 4:45
---	---------------	------------

Received (Client):	Date:	Time:
--------------------	-------	-------

Comments:

RECEIVED  
MAY 13 2014  
By *[Signature]* 10:50  
*Wack*

**ATTACHMENT B**  
**RADON ANALYTICAL DATA**

Site Radon Inspection Report

Date : 05/19/2014

Kevin Bogue  
FACILITY SUPPORT SVCS., LLC  
2685 State Street  
Hamden, CT 06517-Client: Unknown  
Test Location: 106 Hollister Ave  
Bridge Port, CT 06607-

## Individual Canister Results

Canister ID# :	2313490	Test Start :	05/13/2014 @ 09:50
Canister Type :	Charcoal Canister 3 inch	Test Stop :	05/16/2014 @ 10:28
Location :	Basement -Fridge	Received:	05/19/2014 @ 17:29
Radon Level :	4.0 pCi/L	Analyzed:	05/20/2014 @ 15:53
Error for Measurement is: ±	0.5 pCi/L		

Canister ID# :	2313496	Test Start :	05/13/2014 @ 09:50
Canister Type :	Charcoal Canister 3 inch	Test Stop :	05/16/2014 @ 10:28
Location :	Basement-BB	Received:	05/19/2014 @ 17:29
Radon Level :	0.2 pCi/L	Analyzed:	05/20/2014 @ 14:57
Error for Measurement is: ±	0.5 pCi/L		

Canister ID# :	2313524	Test Start :	05/13/2014 @ 09:50
Canister Type :	Charcoal Canister 3 inch	Test Stop :	05/16/2014 @ 10:28
Location :	Basement- Fridge	Received:	05/19/2014 @ 17:29
Radon Level :	3.3 pCi/L	Analyzed:	05/20/2014 @ 15:38
Error for Measurement is: ±	0.4 pCi/L		

The results indicate that at least one testing device registered at or above the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends mitigation if the average of two short-term tests taken in the lowest level of the building suitable for occupancy show radon levels that are equal to or greater than 4.0 pCi/L.

For information on how to reduce radon levels in your home, please review the EPA booklet: Consumer's Guide to Radon Reduction ([www.epa.gov/radon/pdfs/consguid.pdf](http://www.epa.gov/radon/pdfs/consguid.pdf)) and contact your state health department. The EPA maintains a radon information website, including copies of its publications, at [www.epa.gov/iaq/radon](http://www.epa.gov/iaq/radon).

**For New Jersey clients:** Please see the attached guidance document entitled Radon Testing and Mitigation: The Basics for further information.

**For New York clients:** If the radon level of one or more testing devices is equal to or exceeds 20 pCi/L please contact the New York State Department of Health, Bureau of Environmental Radiation Protection, for technical advice and assistance at 518-402-7556 or toll free 1-800-458-1158.

*Andreas C. George*Andreas C. George  
Radon Measurement Specialist

NJ MES 11089

*Dante Galan*Dante Galan  
Laboratory DirectorNRSB ARL0001  
NYS ELAP ID: 10806  
PADEP ID: 0346  
NJDEP ID: NY933  
NJ MEB 90036  
FL DOH RB1609

Site Radon Inspection Report

Date : 05/19/2014

Kevin Bogue  
FACILITY SUPPORT SVCS., LLC  
2685 State Street  
Hamden, CT 06517-

Client: Unknown  
Test Location: 106 Hollister Ave  
Bridge Port, CT 06607-  
Individual Canister Results

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**PLEDGE OF ASSURED QUALITY**

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of radon in air (EPA 402-R-92-004). The analytical results relate only to the samples tested, in the condition received by the lab, and that calculations were based upon the information supplied by client. RTCA and its personnel do not assume responsibility or liability, collectively and individually, for analysis results when detectors have been improperly handled or placed by the consumer, nor does RTCA and its personnel accept responsibility for any financial or health consequences of subsequent action or lack of action, taken by the customer or its consultants based on RTCA-provided results.



*Andreas C. George*

Andreas C. George  
Radon Measurement Specialist  
NJ MES 11089

*Dante Galan*

Dante Galan  
Laboratory Director

NRSB ARL0001  
NYS ELAP ID: 10806  
PADEP ID: 0346  
NJDEP ID: NY933  
NJ MEB 90036  
FL DOH RB1609

**ATTACHMENT C**

**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 D**  
**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](mailto:wallingfordlab@emsl.com)

EMSL Order: 241401753  
CustomerID: FSS93  
CustomerPO:  
ProjectID:

Attn: **Kevin Bogue**  
**Facility Support Services, LLC**  
**2685 State Street**  
  
**Hamden, CT 06517**  
  
Project: **22214- #2342**

Phone: (203) 288-1281  
Fax: (203) 248-4409  
Received: 05/13/14 4:50 PM  
Analysis Date: 5/15/2014  
Collected:

## 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
20140513_S1A 241401753-0001	Roof - top layer of roof shingle	Black Fibrous Homogeneous	8% Glass	35% Ca Carbonate 57% Non-fibrous (other)	None Detected
20140513_S1B 241401753-0002	Roof - top layer of roof shingle	Black Fibrous Homogeneous	<1% Cellulose 10% Glass	35% Ca Carbonate 55% Non-fibrous (other)	None Detected
20140513_S1C 241401753-0003	Roof - top layer of roof shingle	White/Black Fibrous Homogeneous	12% Glass	25% Ca Carbonate 63% Non-fibrous (other)	None Detected
20140513_S2A 241401753-0004	Roof - flashing b/w roof and porch	Black Fibrous Homogeneous	2% Glass 5% Cellulose	25% Ca Carbonate 68% Non-fibrous (other)	None Detected
20140513_S2B 241401753-0005	Roof - flashing b/w roof and porch	Black Fibrous Homogeneous	5% Cellulose <1% Glass	20% Ca Carbonate 75% Non-fibrous (other)	None Detected
20140513_S2C 241401753-0006	Roof - flashing b/w roof and porch	Black Non-Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
20140513_S3A 241401753-0007	Roof - 2nd layer of roof shingle	Black Non-Fibrous Homogeneous	20% Cellulose <1% Glass	80% Non-fibrous (other)	None Detected
20140513_S3B 241401753-0008	Roof - 2nd layer of roof shingle	Black Fibrous Homogeneous	20% Cellulose <1% Glass	80% Non-fibrous (other)	None Detected

Analyst(s)  
Kristin Lopez (8)                      Santino Ferraro (8)  
Lauren Brennan (8)

  
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 05/15/2014 16:01:12

**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](mailto:wallingfordlab@emsl.com)

EMSL Order:	241401753
CustomerID:	FSS93
CustomerPO:	
ProjectID:	

Attn: **Kevin Bogue**  
**Facility Support Services, LLC**  
**2685 State Street**

**Hamden, CT 06517**Project: **22214- #2342**

Phone: (203) 288-1281  
 Fax: (203) 248-4409  
 Received: 05/13/14 4:50 PM  
 Analysis Date: 5/15/2014  
 Collected:

## 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
20140513_S3C 241401753-0009	Roof - 2nd layer of roof shingle	White/Black Non-Fibrous Homogeneous	8% Cellulose	10% Quartz 82% Non-fibrous (other)	<b>None Detected</b>
20140513_S4A 241401753-0010	Roof - 3rd layer of roof shingle	Black Non-Fibrous Homogeneous	8% Cellulose	92% Non-fibrous (other)	<b>None Detected</b>
20140513_S4B 241401753-0011	Roof - 3rd layer of roof shingle	Black Non-Fibrous Homogeneous	10% Cellulose	90% Non-fibrous (other)	<b>None Detected</b>
20140513_S4C 241401753-0012	Roof - 3rd layer of roof shingle	Black Non-Fibrous Homogeneous	15% Cellulose	10% Quartz 75% Non-fibrous (other)	<b>None Detected</b>
20140513_S7A 241401753-0013	Basement - ceiling board	Gray Fibrous Homogeneous	18% Cellulose	82% Non-fibrous (other)	<b>None Detected</b>
20140513_S7B 241401753-0014	Basement - ceiling board	Gray Fibrous Homogeneous	28% Cellulose	72% Non-fibrous (other)	<b>None Detected</b>
20140513_S7C 241401753-0015	Basement - ceiling board	Gray Non-Fibrous Homogeneous	9% Cellulose	30% Gypsum 61% Non-fibrous (other)	<b>None Detected</b>
20140513_S8A 241401753-0016	Attic - fiberglass paper	Brown/Black Fibrous Homogeneous	22% Cellulose 15% Min. Wool	63% Non-fibrous (other)	<b>None Detected</b>

Analyst(s)  
 Kristin Lopez (8)                      Santino Ferraro (8)  
 Lauren Brennan (8)

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 05/15/2014 16:01:12

**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](mailto:wallingfordlab@emsl.com)

EMSL Order:	241401753
CustomerID:	FSS93
CustomerPO:	
ProjectID:	

Attn: **Kevin Bogue**  
**Facility Support Services, LLC**  
**2685 State Street**

**Hamden, CT 06517**Project: **22214- #2342**

Phone: (203) 288-1281  
 Fax: (203) 248-4409  
 Received: 05/13/14 4:50 PM  
 Analysis Date: 5/15/2014  
 Collected:

## 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
20140513_S8B 241401753-0017	Attic - fiberglass paper	Brown/Black Fibrous Homogeneous	27% Cellulose 18% Min. Wool	55% Non-fibrous (other)	<b>None Detected</b>
20140513_S8C 241401753-0018	Attic - fiberglass paper	Brown/Black Fibrous Homogeneous	80% Cellulose 10% Glass	10% Non-fibrous (other)	<b>None Detected</b>
20140513_S9A 241401753-0019	1st floor closet - sheetrock	Gray Fibrous Homogeneous	18% Cellulose	82% Non-fibrous (other)	<b>None Detected</b>
20140513_S9B 241401753-0020	2nd bedroom, 1st floor - sheetrock	Gray Fibrous Homogeneous	28% Cellulose	72% Non-fibrous (other)	<b>None Detected</b>
20140513_S9C 241401753-0021	1st bedroom, 1st floor - sheetrock	Gray Non-Fibrous Homogeneous	12% Cellulose	25% Gypsum 63% Non-fibrous (other)	<b>None Detected</b>
20140513_S10A 241401753-0022	1st floor closet - taping compound	Tan Non-Fibrous Homogeneous	5% Cellulose	93% Non-fibrous (other)	<b>2% Chrysotile</b>
20140513_S10B 241401753-0023	Stairwell - taping compound	Brown/Tan Non-Fibrous Homogeneous		98% Non-fibrous (other)	<b>2% Chrysotile</b>
20140513_S10C 241401753-0024	1st floor closet - taping compound	Tan Non-Fibrous Homogeneous		35% Ca Carbonate 62% Non-fibrous (other)	<b>3% Chrysotile</b>

Analyst(s)  
 Kristin Lopez (8)                      Santino Ferraro (8)  
 Lauren Brennan (8)

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 05/15/2014 16:01:12



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

# Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

241401753

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 checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 2685 State Street		Third Party Billing requires written authorization from third party	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Kevin Bogue		Telephone #: 203-288-1281	
Email Address: kbogue.fss@snet.net		Fax #:	Purchase Order:
Project Name/Number: 22214-#2342		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: CT		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

### 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.

### PLM - Bulk (reporting limit)

- PLM EPA 600/R-93/116 (<1%)
- PLM EPA NOB (<1%)
- Point Count  400 (<0.25%)  1000 (<0.1%)
- Point Count w/Gravimetric  400 (<0.25%)  1000 (<0.1%)
- NIOSH 9002 (<1%)
- NY ELAP Method 198.1 (friable in NY)
- NY ELAP Method 198.6 NOB (non-friable-NY)
- OSHA ID-191 Modified
- Standard Addition Method

### TEM - Bulk

- TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1
- NY ELAP Method 198.4 (TEM)
- Chatfield Protocol (semi-quantitative)
- TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
- TEM Qualitative via Filtration Prep Technique
- TEM Qualitative via Drop Mount Prep Technique

### Other

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled:

Samplers Name: Kevin Bogue

Samplers Signature:

Sample #	HA #	Sample Location	Material Description
20140513_S1A	1	Roof	Top Layer of roof shingle
20140513_S1B	1	Roof	Top Layer of roof shingle
20140513_S1C	1	Roof	Top Layer of roof shingle
20140513_S2A	2	Roof	Flashing b/w roof and porch
20140513_S2B	2	Roof	Flashing b/w roof and porch
20140513_S2C	2	Roof	Flashing b/w roof and porch
20140513_S3A	3	Roof	2nd Layer of roof shingle
20140513_S3B	3	Roof	2nd Layer of roof shingle
20140513_S3C	3	Roof	2nd Layer of roof shingle

Client Sample # (s): S1A	- S10C	Total # of Samples: 24
Relinquished (Client): Ken Bogue	Date: 5/13/14	Time: 4:45
Received (Lab):	Date:	Time:
Comments/Special Instructions:		



Wahz



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

# Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

241401753

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

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

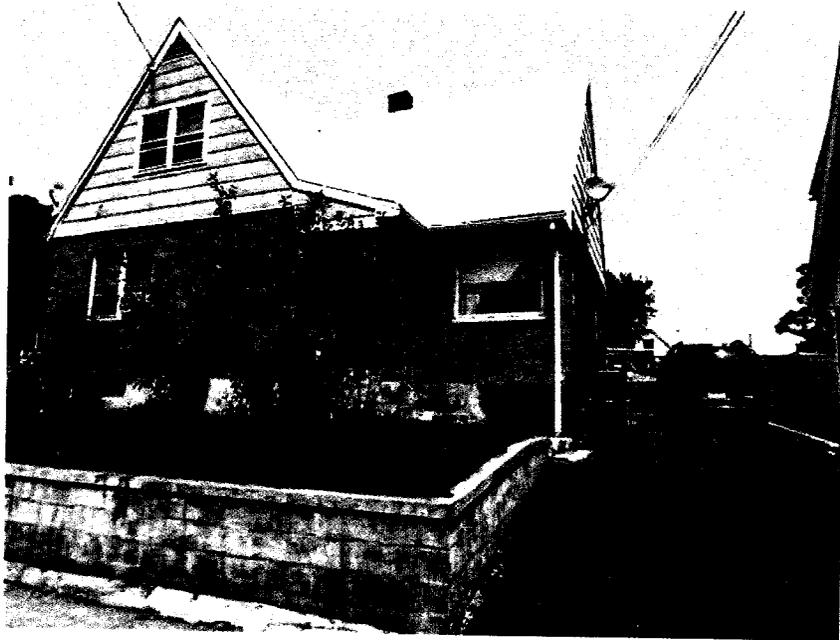
Sample #	HA #	Sample Location	Material Description
20140513_S4A	4	Roof	3rd Layer of roof shingle
20140513_S4B	4	Roof	3rd Layer of roof shingle
20140513_S4C	4	Roof	3rd Layer of roof shingle
20140513_S7A	5	basement	ceiling board
20140513_S7B	5	basement	ceiling board
20140513_S7C	5	basement	ceiling board
20140513_S8A	6	attic	fiberglass paper
20140513_S8B	6	attic	fiberglass paper
20140513_S8C	6	attic	fiberglass paper
20140513_S9A	7	1st floor closet	sheet rock
20140513_S9B	7	2nd bedroom, 1st floor	sheet rock
20140513_S9C	7	1st bedroom, 1st floor	sheet rock
20140513_S10A	8	1st floor closet	taping compound
20140513_S10B	8	stairwell	taping compound
20140513_S10C	8	1st floor closet	taping compound
*Comments/Special Instructions:			

RECEIVED  
MAY 13 2014  
By: [Signature] 10:50

**ATTACHMENT E**  
**LEAD ANALYTICAL DATA**

**LEAD BASED PAINT INSPECTION  
REPORT OF FINDINGS  
OF:**

**106 HOLLISTER AVENUE  
BRIDGEPORT, CONNECTICUT**



**DATE:**  
May 12, 2014

**PREPARED BY:  
GILBERTCO LEAD INSPECTIONS LLC  
287 MAIN STREET  
ANSONIA, CONNECTICUT 06401**



# GILBERTCO LEAD INSPECTIONS, LLC

## “LEAD BASED PAINT SPECIALIST”

May 13, 2014

Job 9928-1-0106

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

### **Re: Lead Based Paint Inspection: 106 Hollister Ave., Bridgeport, CT**

Gilbertco Lead Inspections LLC performed a limited XRF inspection for the presence of lead based paint at 106 Hollister Avenue, Bridgeport, Connecticut. The inspection was requested by Facility Support Services in response to distribution of HUD funds given to CT DOH for Storm Sandy repair work.

The site inspected consists of a single family cape style home built about 1964. The exterior is unpainted brick. All windows are vinyl replacements except first floor bath and kitchen. There are no children under the age of six currently residing here.

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/cm<sup>2</sup> 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/cm<sup>2</sup> through 1.19 mg/cm<sup>2</sup> are considered “Inconclusive”, meaning the value level of lead in paint was so close to the 1.0 mg/cm<sup>2</sup> 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/cm<sup>2</sup> 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.

---

287 Main Street  
Ansonia, CT 06401  
203-732-2615 - FAX 866-437-8191  
Toll Free In CT Only 1-800-959-2985

In regards to the above mentioned property, *several lead based paint hazards were identified*. A lead based paint hazard is “any condition that causes lead exposure to lead from lead-contaminated dust, lead contaminated soil, or lead-contaminated paint that is deteriorated or present in accessible surfaces, friction surfaces, or impact surfaces that would result in adverse human health effects...”. Several areas tested positive for lead based paint but are currently in an intact condition. These areas should be placed on a Management Plan and monitored annually for signs of deterioration or paint breakdown. *See attached* . In April 2010, a new EPA regulation requires that any contractor who disturbs more than six square feet of painted surface per room or does window replacement 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](http://www.epa.gov/lead/pubs/renovation) or by calling the National Lead Information Center at 1-800-424-LEAD (5323).

Lead in dust was not included in the scope of this report. Only laboratory analysis can insure that no lead dust hazards remain after renovations or from everyday use of the home.

Although soil was not tested for lead, it can be presumed positive unless proven otherwise. Vegetable plants should not be planted near the perimeter of the house or in water runoff areas. Children should not be allowed to play in bare soil areas adjacent to the house. Asphalt, bushes, mulch, or good quality grass covering are acceptable deterrents.

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,



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: 106 HOLLISTER AVENUE  
BRIDGEPORT, CONNECTICUT

PROJECT NUMBER: 9928-1-106

TEST DATE: MAY 13, 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 M. Maw      5/12/2014

**106 Hollister Avenue, Bridgeport, Connecticut**

**MAY 13, 2014**

<i>Room Type</i>	<i>Room #</i>	<i>Wall #</i>	<i>Component</i>	<i>Substrate</i>	<i>Condition</i>	<i>K Shell</i>	<i>Decision</i>
Calibration						1.12	Okay
Front Entry	1	4	Door	Wood	Stain/varnish	-0.22	Negative
Front Entry	1	4	Door Casing	Wood	Stain/varnish	0.01	Negative
Front Entry	1	4	Wall	Sheetrk	Intact	0	Negative
Front Entry	1	4	Baseboard	Wood	Stain/varnish	0.28	Negative
Front Entry	1	1	Wall	Sheetrk	Intact	-0.11	Negative
Front Entry	1	2	Wall	Sheetrk	Intact	-0.01	Negative
Front Entry	1	3	Wall	Sheetrk	Intact	0.29	Negative
Front Entry	1	1	Ceiling	Sheetrk	Intact	-0.1	Negative
Living Room	2	1	Wall	Panelling	Intact	-0.04	Negative
Living Room	2	1	Baseboard	Wood	Stain/varnish	-0.03	Negative
Living Room	2	1	Floor	Wood	Stain/varnish	0.37	Negative
Living Room	2	1	Window Sill	Wood	Stain/varnish	-0.5	Negative
Living Room	2	1	Window Trim	Wood	Stain/varnish	0.09	Negative
Living Room	2	1	Radiator	Wood	Stain/varnish	-0.06	Negative
Living Room	2	4	Wall	Panelling	Intact	0.08	Negative
Living Room	2	4	Window Sill	Wood	Stain/varnish	-0.2	Negative
Living Room	2	3	Wall	Panelling	Intact	-0.13	Negative
Living Room	2	3	Baseboard	Wood	Stain/varnish	-0.3	Negative
Living Room	2	2	Wall	Sheetrk	Intact	0.26	Negative
Living Room	2	2	Stair Tread	Wood	Stain/varnish	-0.18	Negative
Living Room	2	2	Stair Riser	Wood	Stain/varnish	-0.01	Negative
Living Room	2	2	Stair Stringer	Wood	Stain/varnish	0.04	Negative
Living Room	2	2	Spindle	Wood	Stain/varnish	0.08	Negative
Living Room	2	2	Railing	Wood	Stain/varnish	0.12	Negative
Living Room	2	2	Newel Post	Wood	Stain/varnish	-0.11	Negative
Living Room	2	2	Floor	Wood	Stain/varnish	-0.63	Negative
Living Room	2	2	Ceiling	Sheetrk	Stain/varnish	0.07	Negative
1st Fl, Front BR	3	2	Door	Wood	Stain/varnish	0.2	Negative
1st Fl, Front BR	3	3	Door Casing	Wood	Stain/varnish	-0.01	Negative
1st Fl, Front BR	3	3	Wall	Sheetrk	Intact	-0.05	Negative
1st Fl, Front BR	3	4	Wall	Sheetrk	Intact	-0.14	Negative
1st Fl, Front BR	3	4	Closet Door	Wood	Stain/varnish	-0.36	Negative
1st Fl, Front BR	3	4	Closet Dr Csng	Wood	Stain/varnish	0.02	Negative
1st Fl, Front BR	3	4	Shelf	Wood	Stain/varnish	-0.11	Negative
1st Fl, Front BR	3	4	Shelf Support	Wood	Stain/varnish	-0.16	Negative
1st Fl, Front BR	3	1	Wall	Sheetrk	Intact	-0.05	Negative
1st Fl, Front BR	3	1	Radiator	Metal	Non-intact	0.17	Negative
1st Fl, Front BR	3	1	Window Sill	Wood	Stain/varnish	-0.1	Negative
1st Fl, Front BR	3	1	Window Trim	Wood	Stain/varnish	0.06	Negative
1st Fl, Front BR	3	1	Window Apron	Wood	Stain/varnish	0.11	Negative
1st Fl, Front BR	3	2	Wall	Sheetrk	Intact	0.3	Negative
1st Fl, Front BR	3	1	Baseboard	Wood	Stain/varnish	0.01	Negative

**Gilbertco Lead Inspections LLC, 287 Main Street, Ansonia, CT 06401 1-800-959-2985**

**106 Hollister Avenue, Bridgeport, Connecticut  
MAY 13, 2014**

1st Fl, Front BR	3	1 Ceiling	Sheetrk	Non-intact	-0.03	Negative
1st Fl, Rear BR	4	1 Door	Wood	Stain/varnish	0.02	Negative
1st Fl, Rear BR	4	1 Door Casing	Wood	Stain/varnish	0.03	Negative
1st Fl, Rear BR	4	1 Wall	Sheetrk	Non-intact	0.02	Negative
1st Fl, Rear BR	4	1 Baseboard	Wood	Stain/varnish	-0.1	Negative
1st Fl, Rear BR	4	2 Wall	Sheetrk	Non-intact	-0.05	Negative
1st Fl, Rear BR	4	3 Wall	Sheetrk	Non-intact	0.16	Negative
1st Fl, Rear BR	4	3 Window Sill	Wood	Stain/varnish	0.04	Negative
1st Fl, Rear BR	4	3 Window Trim	Wood	Stain/varnish	-0.01	Negative
1st Fl, Rear BR	4	3 Window Apron	Wood	Stain/varnish	-0.25	Negative
1st Fl, Rear BR	4	3 Radiator	Metal	Non-intact	0.01	Negative
1st Fl, Rear BR	4	4 Wall	Sheetrk	Non-intact	-0.04	Negative
1st Fl, Rear BR	4	1 Ceiling	Sheetrk	Non-intact	-0.04	Negative
1st Fl Bath	5	4 Door	Wood	Stain/varnish	-0.32	Negative
1st Fl Bath	5	4 Door Jamb	Wood	Stain/varnish	0	Negative
1st Fl Bath	5	4 Door Casing	Wood	Stain/varnish	-0.03	Negative
1st Fl Bath	5	4 Wall	Sheetrk	Intact	-0.27	Negative
1st Fl Bath	5	1 Wall	Sheetrk	Intact	0.19	Negative
1st Fl Bath	5	1 Ceiling	Sheetrk	Non-intact	0.01	Negative
1st Fl Bath	5	2 Wall	Sheetrk	Non-intact	0.13	Negative
1st Fl Bath	5	3 Wall	Sheetrk	Non-intact	-0.02	Negative
1st Fl Bath	5	3 Cabinet	Wood	Intact	-0.03	Negative
1st Fl Bath	5	2 Window Sill	Wood	Stain/varnish	0.37	Negative
1st Fl Bath	5	2 Window Sash	Wood	Stain/varnish	0.21	Negative
1st Fl Bath	5	2 Window Trim	Wood	Stain/varnish	0.06	Negative
1st Fl Bath	5	2 Window Well	Wood	Non-intact	0.83	Negative
1st Fl Bath	5	2 Exterior Sash	Wood	Non-intact	0.69	Negative
Kitchen	6	1 Wall	Sheetrk	Non-intact	-0.08	Negative
Kitchen	6	2 Wall	Sheetrk	Intact	0.29	Negative
Kitchen	6	3 Wall	Sheetrk	Intact	0.1	Negative
Kitchen	6	3 Window Sill	Wood	Non-intact	0.02	Negative
Kitchen	6	3 Window Apron	Wood	Non-intact	-0.11	Negative
Kitchen	6	3 Window Sash	Wood	Non-intact	-0.28	Negative
Kitchen	6	3 Cabinet	Wood	Stain/varnish	0.87	Negative
Kitchen	6	4 Wall	Sheetrk	Intact	-0.16	Negative
Kitchen	6	4 Window Sill	Wood	Stain/varnish	0.02	Negative
Kitchen	6	4 Window Trim	Wood	Stain/varnish	0.07	Negative
Kitchen	6	4 Radiator	Metal	Intact	-0.14	Negative
Kitchen	6	1 Wall	Sheetrk	Intact	-0.02	Negative
Kitchen	6	1 Ceiling	Sheetrk	Intact	0.09	Negative
2nd Fl, Front Left BR	7	3 Door	Wood	Stain/varnish	-0.37	Negative
2nd Fl, Front Left BR	7	3 Door Casing	Wood	Stain/varnish	0.16	Negative
2nd Fl, Front Left BR	7	3 Wall	Sheetrk	Stain/varnish	0.12	Negative

**Gilbertco Lead Inspections LLC, 287 Main Street, Ansonia, CT 06401 1-800-959-2985**

**106 Hollister Avenue, Bridgeport, Connecticut**

**MAY 13, 2014**

2nd Fl, Front Left BR	7	4 Wall	Sheetrk	Intact	0.32	Negative
2nd Fl, Front Left BR	7	4 Baseboard	Wood	Stain/varnish	-0.26	Negative
2nd Fl, Front Left BR	7	4 Closet Door	Wood	Stain/varnish	0.01	Negative
2nd Fl, Front Left BR	7	4 Clo Dr Csng	Wood	Stain/varnish	0.17	Negative
2nd Fl, Front Left BR	7	4 Wall	Sheetrk	Intact	0.02	Negative
2nd Fl, Front Left BR	7	1 Wall	Sheetrk	Non-intact	-0.18	Negative
2nd Fl, Front Left BR	7	1 Window Sill	Wood	Non-intact	-0.25	Negative
2nd Fl, Front Left BR	7	1 Window Trim	Wood	Non-intact	-0.25	Negative
2nd Fl, Front Left BR	7	1 Window Apron	Wood	Non-intact	-0.01	Negative
2nd Fl, Front Left BR	7	1 Radiator	Metal	Non-intact	0.08	Negative
2nd Fl, Front Left BR	7	2 Wall	Sheetrk	Non-intact	-0.05	Negative
2nd Fl, Front Left BR	7	1 Ceiling	Sheetrk	Non-intact	0.02	Negative
2nd Fl, Front Left BR	7	1 Floor	Other	Intact	-0.15	Negative
2nd Fl, Rear Left BR	8	4 Door	Wood	Stain/varnish	0.07	Negative
2nd Fl, Rear Left BR	8	4 Door Jamb	Wood	Stain/varnish	0.23	Negative
2nd Fl, Rear Left BR	8	4 Door Casing	Wood	Stain/varnish	0.1	Negative
2nd Fl, Rear Left BR	8	4 Wall	Wood	Stain/varnish	0.22	Negative
2nd Fl, Rear Left BR	8	1 Wall	Sheetrk	Intact	0.25	Negative
2nd Fl, Rear Left BR	8	2 Ceiling	Sheetrk	Intact	0.08	Negative
2nd Fl, Rear Left BR	8	2 Wall	Sheetrk	Intact	-0.11	Negative
2nd Fl, Rear Left BR	8	2 Window Sill	Wood	Stain/varnish	0.02	Negative
2nd Fl, Rear Left BR	8	2 Window Trim	Wood	Stain/varnish	-0.24	Negative
2nd Fl, Rear Left BR	8	2 Radiator	Metal	non-intact	-0.17	Negative
2nd Fl, Rear Left BR	8	3 Wall	Sheetrk	Intact	0.28	Negative
2nd Fl, Right BR	9	2 Door	Wood	Stain/varnish	-0.11	Negative
2nd Fl, Right BR	9	2 Door Jamb	Wood	Stain/varnish	0.01	Negative
2nd Fl, Right BR	9	2 Door Casing	Wood	Stain/varnish	-0.37	Negative
2nd Fl, Right BR	9	2 Wall	Sheetrk	Intact	-0.14	Negative
2nd Fl, Right BR	9	3 Wall	Sheetrk	Intact	0.21	Negative
2nd Fl, Right BR	9	3 Baseboard	Wood	Stain/varnish	0.06	Negative
2nd Fl, Right BR	9	1 Ceiling	Sheetrk	Non-intact	0.12	Negative
2nd Fl, Right BR	9	4 Wall	Sheetrk	Intact	-0.18	Negative
2nd Fl, Right BR	9	4 Window Sill	Wood	Stain/varnish	-0.16	Negative
2nd Fl, Right BR	9	4 Window Trim	Wood	Stain/varnish	0.06	Negative
2nd Fl, Right BR	9	4 Window Apron	Wood	Stain/varnish	-0.07	Negative
2nd Fl, Right BR	9	4 Radiator	Metal	Intact	0.11	Negative
2nd Fl, Right BR	9	1 Wall	Sheetrk	Intact	-0.02	Negative
2nd Fl, Right BR	9	1 Closet Door	Wood	Stain/varnish	-0.15	Negative
2nd Fl, Right BR	9	1 Clo Dr Csng	Wood	Stain/varnish	0.34	Negative
2nd Fl, Right BR	9	1 Ceiling	Sheetrk	Intact	0.05	Negative
2nd Fl, Right BR	9	2 Closet Door	Wood	Stain/varnish	0.01	Negative
2nd Fl, Right BR	9	2 Clo Dr Csng	Wood	Stain/varnish	-0.09	Negative
2nd Fl, Right BR	9	2 Wall	Sheetrk	Stain/varnish	-0.08	Negative
2nd Fl, Right BR	9	2 Floor	Wood	Stain/varnish	0.26	Negative

**Gilbertco Lead Inspections LLC, 287 Main Street, Ansonia, CT 06401 1-800-959-2985**

**106 Hollister Avenue, Bridgeport, Connecticut  
MAY 13, 2014**

Basement	10	4	Wall ( stairs)	Sheetrk	Non-intact	0.18	Negative
Basement	10	2	Wall ( stairs)	Sheetrk	Non-intact	-0.12	Negative
Basement	10	4	Stair Tread	Wood	Non-intact	-0.22	Negative
Basement	10	4	Stair Riser	Wood	Non-intact	0	Negative
Basement	10	4	Railing	Wood	Non-intact	0.14	Negative
Basement	10	1	Post/column	Wood	Non-intact	0.28	Negative
Basement	10	1	Lolly Column	Metal	Non-intact	0.09	Negative
Basement	10	1	Floor	Masonry	Non-intact	0.57	Negative
Rear Exit	11	1	Ceiling	Sheetrk	Non-intact	-0.18	Negative
<b>Exterior</b>	<b>12</b>	<b>Rear</b>	<b>Rear Door</b>	<b>Wood</b>	<b>Non-intact</b>	<b>1.12</b>	<b>Inconclusive</b>
<b>Exterior</b>	<b>12</b>	<b>Rear</b>	<b>Rear Door</b>	<b>Wood</b>	<b>Non-intact</b>	<b>1.06</b>	<b>Inconclusive</b>
Exterior	12	Rear	Door Jamb	Wood	Intact	0.8	Negative
Exterior	12	Rear	Overhang	Wood	Non-intact	-0.18	Negative
Exterior	12	Rear	Threshold	Wood	Non-intact	0.28	Negative
Exterior	12	Rear	Threshold	Masonry	Non-intact	-0.06	Negative
Exterior	12	Rear	Door Casing	Wood	Non-intact	0.24	Negative
Exterior	12	Rear	Overhang	Wood	Non-intact	0.03	Negative
Exterior	12	Rear	Overhang	Metal	Non-intact	0.41	Negative
Exterior	12	Rear	Railing	Wood	Non-intact	0.05	Negative
Exterior	12	Rear	Post//column	Wood	Non-intact	0.09	Negative
Exterior	12	Rear	Fascia Board	Wood	Non-intact	0.8	Negative
Exterior	12	Rear	Floor	Masonry	Non-intact	-0.18	Negative
Exterior	12	Rear	Stair Tread	Masonry	Non-intact	-0.14	Negative
Exterior	12	Rear	Stair Riser	Masonry	Non-intact	-0.31	Negative
Exterior	12	Rear	Post/column	Wood	Non-intact	0.09	Negative
Exterior	12	Rear	Window Sill	Wood	Non-intact	0.18	Negative
Exterior	12	Rear	Window Trim	Wood	Non-intact	0.56	Negative
Exterior	12	Rear	Fascia Board	Wood	Non-intact	-0.13	Negative
Exterior	12	Front	Door	Wood	Stain/varnish	0.04	Negative
Exterior	12	Front	Door Jamb	Wood	Stain/varnish	0.01	Negative
Exterior	12	Front	Door Casing	Wood	Intact	0.2	Negative
Exterior	12	Front	Theshold	Wood	Non-intact	0.41	Negative
Exterior	12	Front	Theshold	Masonry	Non-intact	0.6	Negative
Exterior	12	Front	Floor	Masonry	Non-intact	0.08	Negative
<b>Exterior</b>	<b>12</b>	<b>Front</b>	<b>Overhang frnt porch</b>	<b>Wood</b>	<b>Non-intact</b>	<b>1.1</b>	<b>Inconclusive</b>
<b>Exterior</b>	<b>12</b>	<b>Front</b>	<b>Overhang trim</b>	<b>Wood</b>	<b>Non-intact</b>	<b>2.47</b>	<b>Positive</b>
<b>Exterior</b>	<b>12</b>	<b>Front</b>	<b>Overhang frnt porch</b>	<b>Wood</b>	<b>Non-intact</b>	<b>1.66</b>	<b>Positive</b>
<b>Exterior</b>	<b>12</b>	<b>Front</b>	<b>Overhang trim</b>	<b>Wood</b>	<b>Non-intact</b>	<b>1.17</b>	<b>Inconclusive</b>
Exterior	12	Front	Railing	Metal	Intact	0.17	Negative
Exterior	12	Front	Foundation Wall	Masonry	Non-intact	-0.3	Negative
Exterior	12	Front	Foundation Wall	Masonry	Non-intact	0.04	Negative
Exterior	12	Front	Basement wnd	Metal	Intact	0.26	Negative
Exterior	12	Front	Foundation Wall	Masonry	Non-intact	-0.04	Negative
Exterior	12	Front	Foundation Wall	Masonry	Non-intact	0.16	Negative
Exterior	12	Front	Soffit	Wood	Non-intact	0.61	Negative

**Gilbertco Lead Inspections LLC, 287 Main Street, Ansonia, CT 06401 1-800-959-2985**

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](http://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.***

**Disclosure of Information on Lead-Based Paint and/or Lead-Based Paint Hazards**

**Lead Warning Statement**

*Housing built before 1978 may contain lead-based paint. Lead from paint, paint chips, and dust can pose health hazards if not managed properly. Lead exposure is especially harmful to young children and pregnant women. Before renting pre-1978 housing, lessors must disclose the presence of known lead-based paint and/or lead-based paint hazards in the dwelling. Lessees must also receive a federally approved pamphlet on lead poisoning prevention.*

**Lessor's Disclosure**

(a) Presence of lead-based paint and/or lead-based paint hazards (check (i) or (ii) below):

(i) \_\_\_\_\_ Known lead-based paint and/or lead-based paint hazards are present in the housing (explain).

\_\_\_\_\_

(ii) \_\_\_\_\_ Lessor has no knowledge of lead-based paint and/or lead-based paint hazards in the housing.

(b) Records and reports available to the lessor (check (i) or (ii) below):

(i) \_\_\_\_\_ Lessor has provided the lessee with all available records and reports pertaining to lead-based paint and/or lead-based paint hazards in the housing (list documents below).

\_\_\_\_\_

(ii) \_\_\_\_\_ Lessor has no reports or records pertaining to lead-based paint and/or lead-based paint hazards in the housing.

**Lessee's Acknowledgment (initial)**

(c) \_\_\_\_\_ Lessee has received copies of all information listed above.

(d) \_\_\_\_\_ Lessee has received the pamphlet *Protect Your Family from Lead in Your Home*.

**Agent's Acknowledgment (initial)**

(e) \_\_\_\_\_ Agent has informed the lessor of the lessor's obligations under 42 U.S.C. 4852d and is aware of his/her responsibility to ensure compliance.

**Certification of Accuracy**

The following parties have reviewed the information above and certify, to the best of their knowledge, that the information they have provided is true and accurate.

_____	_____	_____	_____
Lessor	Date	Lessor	Date
_____	_____	_____	_____
Lessee	Date	Lessee	Date
_____	_____	_____	_____
Agent	Date	Agent	Date