



# 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**

**91 Dogwood Road  
Easton, Connecticut**

PREPARED FOR:

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

PREPARED BY:

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May 5, 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".

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

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## **I. Introduction**

Facility Support Services, LLC (FSS) was contracted by Martinez, Couch & Associates, LLC (MCA) to perform a hazardous materials survey of 91 Dogwood Road, Easton, Connecticut. The purpose of this inspection was to identify the presence of asbestos, PCBs, lead paint and mold in certain building materials proposed for 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 completed total spore air testing for the following areas of 91 Dogwood Road, Easton, Connecticut to identify concerns with indoor air quality related to mold and fungi:

- 1<sup>st</sup> Floor Mudroom
- Basement
- Outside ambient air
- One blank sample was collected for analysis for quality assurance/quality control purposes.

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**  
**91 Dogwood Road, Easton, Connecticut**

Sample Number & Location	Raw Count	Total Fungi (Count/m <sup>3</sup> )	Spore Types Present
24140409_M1 Basement	109	4,580	Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Myxomycetes
24140409_M2 Mudroom	246	10,310	Ascospores, Aspergillus/Penicillium, Basidiospores, Chaetomium, Cladosporium, Ganoderma, Myxomycetes
24140409_M4 Outside	52	1,100	Alternaria, Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Ganoderma, Myxomycetes, Pithomyces, Torula
24140409_M3 Blank	0	0	None

The primary mold species was Aspergillus/Penicillium, which can be associated with hay fever and asthma and 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 Dogwood Road residence of up to 4,580/m<sup>3</sup>, below the 10,000/m<sup>3</sup> level noted above.**

At "high" levels most individuals with any sensitivity will experience symptoms. Acceptable levels for individual species have not been established since species toxicity varies widely as does spore size, weight, and other features that affect risk to building occupants. Previously published studies have found *Aspergillus/Penicillium* in a "clean" residential building was at a mean of 230; in buildings known to have a moisture or flooding problem it was at 2,235; and in mold contaminated buildings the figure was 36,037.

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 total spore concentration in the interior samples of over 10 times the exterior sample, above the 1/3<sup>rd</sup> level noted above.**

### **III. Radon**

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 two basement rooms of the residence on April 9, 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 for each location was approximately 168 hours. QA/QC consisted of the collection of a duplicate sample (from boiler room) and a blank.

The Radon canisters were submitted to Radon Testing Corporation of America for analysis. The analytical results for samples were reported at between 3.8 and 4.2 pCi/L, as shown on Table 2 below. The blank sample contained 0.1 pCi/L. Analytical result reports are included in Appendix B.

**Table 2**  
**Summary of Laboratory Analysis of Radon**  
**91 Dogwood Road, Easton, Connecticut**

Sample Number	Location	Radon Concentration (pCi/L)
2315134	Boiler Room	4.2
2315114	Boiler Room (Duplicate)	3.9
2315120	Basement Room	3.8
2315111	Blank	0.1

The primary Boiler Room sample (Sample #2315134) contained 4.2 pCi/L, above the 4.0 pCi/L action level established by the US EPA. The duplicate sample from this area (Sample #2315114), contained 3.9 pCi/L. The average for these two samples is 4.05 pCi/L. EPA radon protocols for sampling calls for re-testing when the average of the two samples are above 4.0 pCi/L. If the retest sample is found above 4.0 pCi/L, the EPA recommends that corrective measures be undertaken to reduce exposure to radon gas.

#### **IV. Asbestos**

Facility Support Services, LLC (FSS) conducted a limited scope asbestos inspection and bulk sampling on April 9, 2014 of suspect building materials that are proposed for renovations. The inspection was conducted by Kevin Bogue, a State of Connecticut licensed Asbestos Inspectors.

The following suspect materials were indentified during the inspection:

- 9"x9" Floor Tile (beige with black streaks)
- Black mastic associated with 9"x9" Floor Tile (beige with black streaks)
- 9"x9" Floor Tile (black with tan streaks)
- 1'x1' ceiling tiles

- Brown mastic associated with kitchen wall tiles
- Drip edge flashing along roof edge
- 9"x9" Floor Tile (red with colored specs)
- Black mastic associated with 9"x9" Floor Tile (red with colored specs)
- 9"x9" Floor Tile (white with colored specs)
- Paper backing to radiator units (white)
- Mastic/base (black, kitchen area)
- Boiler patch (white)
- Grey plaster base coat
- White plaster skim coat
- Ceiling panels in basement
- Linoleum mastic (yellow, in kitchen)

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 C of this report.

**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:**

- (Mudroom) 9"x9" Floor Tile (beige with black streaks)
- (Mudroom) 9"x9" Floor Tile (black with tan streaks)
- (Mudroom) Black mastic associated with 9"x9" Floor Tiles
- (Kitchen) Brown mastic associated with wall tiles
- (Basement) 9"x9" Floor Tile (red with colored specs)
- (Basement) 9"x9" Floor Tile (white with colored specs)
- (Radiators) White paper backing

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

**Table 3**  
**Positive Asbestos Bulk Sample Results**

<b>Sample Number</b>	<b>Location of Sample</b>	<b>Material Sampled</b>	<b>% and Type of Asbestos</b>
20140409_S1A	Mudroom	9"x9" Floor Tile (beige with black streaks)	3% Chrysotile
20140409_S1B	Mudroom	9"x9" Floor Tile (black with tan streaks)	5% Chrysotile
20140409_S1A	Mudroom	Black mastic associated with 9"x9" Floor Tiles	5% Chrysotile
20140409_S4A	Kitchen	Brown mastic associated with wall tiles	2% Chrysotile
20140409_S6A	Basement	9"x9" Floor Tile (red with colored specs)	5% Chrysotile
20140409_S7A	Basement	9"x9" Floor Tile (white with colored specs)	6% Chrysotile
20140409_S8A	Throughout	White paper backing	55% Chrysotile

## **V. PCBs**

The following suspect materials were indentified during the inspection:

- Black mastic beneath basement 9"x9" floor tiles (sample 20140409\_P1)
- Black base/mastic on kitchen floor (sample 20140409\_P2)
- Black mastic beneath mudroom 9"x9" floor tiles (sample 20140409\_P3)

The bulk PCB samples collected during this inspection were delivered under full chain of custody and analyzed by Complete Environmental Testing, Inc. (CET), via EPA Method 8082A with Soxhlet extraction (3540C). CET is a State of Connecticut approved department of public health laboratory (PH# 0116). Copies of the PCB laboratory analytical results can be found in Attachment D of this report.

Laboratory results revealed that the PCB content of the material sampled and analyzed was Not Detected and below the reporting limit of 0.80 mg/kg. Therefore the material is considered unregulated for disposal under EPA and State of Connecticut Department of Energy & Environmental Protection (CTDEEP) regulations.

## **VI. Lead**

FSS conducted a sampling event for leachable lead for components proposed to be removed from the residence and disposed of in a landfill. Sampling was conducted by Kevin Bogue on April 16, 2014. Components included in the sampling event included building materials that are proposed for renovations, and that have not been identified as asbestos containing materials (abated prior to demolition).

The lead sample was delivered under full chain of custody and analyzed by CET Analytical Laboratory for lead via TCLP extraction (i.e., leachable lead) via EPA Method SW-846 7000 Series/SW-846 Method 1311. CET is an accredited laboratory (NELAP # PH0116).

The composite sample for leachable lead resulted in 0.037 mg/l, below the 5 mg/L level for hazardous materials. Therefore, the demolition debris can be disposed of as not containing hazardous levels of lead. Copies of the laboratory analytical result can be found in Attachment E of this report.

## **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 floor tiles and associated mastic located in the mudroom and basement. In addition, the brown mastic used for the kitchen tiles, and the white paper backing behind the radiators were also identified as positive for asbestos. 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 detectable levels of PCBs were found in sampled building 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 levels above 4.0 pCi/L. Following site renovations, another Radon sample should be collected to evaluate radon levels following renovations, where the site building will be an undisturbed state. EPA radon protocols for sampling calls for re-testing when the average of the two samples are above 4.0 pCi/L. If the retest sample is found above 4.0 pCi/L, the EPA recommends that corrective measures be undertaken to reduce exposure to radon gas.

## **ATTACHMENTS**

**ATTACHMENT A**

**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 B**

**ASBESTOS LABORATORY ANALYTICAL DATA**



# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4, Wallingford, CT 06492  
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CustomerPO:  
ProjectID:

Attn: **Kevin Bogue**  
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**Hamden, CT 06517**  
  
Project: 22214

Phone: (203) 288-1281  
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Received: 04/10/14 5:10 PM  
Analysis Date: 4/15/2014  
Collected: 4/9/2014

## 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
20140409-S1A-Floor Tile 241401238-0001	Mudroom - 9"x9" beige floor tile (w/black streaks) + black mastic	Tan Non-Fibrous Homogeneous	8% Wollastonite	30% Ca Carbonate 59% Non-fibrous (other)	3% Chrysotile
20140409-S1A-Mastic 241401238-0001A	Mudroom - 9"x9" beige floor tile (w/black streaks) + black mastic	Black Non-Fibrous Homogeneous		95% Non-fibrous (other)	5% Chrysotile
20140409-S1B-Floor Tile 241401238-0002	Mudroom - 9"x9" beige floor tile (w/black streaks) + black mastic				Stop Positive (Not Analyzed)
20140409-S1B-Mastic 241401238-0002A	Mudroom - 9"x9" beige floor tile (w/black streaks) + black mastic				Stop Positive (Not Analyzed)
20140409-S1C-Floor Tile 241401238-0003	Mudroom - 9"x9" beige floor tile (w/black streaks) + black mastic				Stop Positive (Not Analyzed)
20140409-S1C-Mastic 241401238-0003A	Mudroom - 9"x9" beige floor tile (w/black streaks) + black mastic				Stop Positive (Not Analyzed)
20140409-S2A 241401238-0004	Mudroom - 9"x9" black floor tile (w/tan streaks)	Black Non-Fibrous Homogeneous		30% Ca Carbonate 65% Non-fibrous (other)	5% Chrysotile

Analyst(s)  
Kristin Lopez (9) William Shedrawy (19)  
Renaldo Drakes (6)

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 04/15/2014 10:45:08



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Project: 22214

## 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
20140409-S2B 241401238-0005	Mudroom - 9"x9' black floor tile (w/tan streaks)				Stop Positive (Not Analyzed)
20140409-S2C 241401238-0006	Mudroom - 9"x9' black floor tile (w/tan streaks)				Stop Positive (Not Analyzed)
20140409-S3A 241401238-0007	Mudroom - 1'x1' ceiling tile	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
20140409-S3B 241401238-0008	Mudroom - 1'x1' ceiling tile	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
20140409-S3C 241401238-0009	Mudroom - 1'x1' ceiling tile	Brown Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	None Detected
20140409-S4A 241401238-0010	Kitchen wall tiles - brown mastic	Tan Non-Fibrous Homogeneous		30% Ca Carbonate 68% Non-fibrous (other)	2% Chrysotile
20140409-S4B 241401238-0011	Kitchen wall tiles - brown mastic				Stop Positive (Not Analyzed)
20140409-S5A 241401238-0012	Roof - drip edge flashing	Black Fibrous Homogeneous	12% Glass	88% Non-fibrous (other)	None Detected
20140409-S5B 241401238-0013	Roof - drip edge flashing	Black Non-Fibrous Homogeneous	10% Glass <1% Cellulose	20% Ca Carbonate 70% Non-fibrous (other)	None Detected

Analyst(s)  
 Kristin Lopez (9) William Shedrawy (19)  
 Renaldo Drakes (6)

  
 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 04/15/2014 10:45:08



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Project: 22214	

## 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
20140409-S6A-Floor Tile <i>241401238-0014</i>	Basement - 9"x9" red floor tiles (w/colored spec) + black mastic	Red Non-Fibrous Homogeneous	<1%	Cellulose 20% Ca Carbonate 75% Non-fibrous (other)	5% Chrysotile
20140409-S6A-Mastic <i>241401238-0014A</i>	Basement - 9"x9" red floor tiles (w/colored spec) + black mastic	Black Non-Fibrous Homogeneous	<1%	Cellulose 100% Non-fibrous (other)	None Detected
20140409-S6B-Floor Tile <i>241401238-0015</i>	Basement - 9"x9" red floor tiles (w/colored spec) + black mastic				Stop Positive (Not Analyzed)
20140409-S6B-Mastic <i>241401238-0015A</i>	Basement - 9"x9" red floor tiles (w/colored spec) + black mastic	Black Non-Fibrous Homogeneous	<1%	Cellulose 100% Non-fibrous (other)	None Detected
20140409-S6C-Floor Tile <i>241401238-0016</i>	Basement - 9"x9" red floor tiles (w/colored spec) + black mastic				Stop Positive (Not Analyzed)
20140409-S6C-Mastic <i>241401238-0016A</i>	Basement - 9"x9" red floor tiles (w/colored spec) + black mastic	Black Non-Fibrous Homogeneous	<1%	Cellulose 100% Non-fibrous (other)	None Detected
20140409-S7A <i>241401238-0017</i>	Basement - 9"x9" white floor tiles (w/colored specs)	White Non-Fibrous Homogeneous	<1%	Cellulose 20% Ca Carbonate 74% Non-fibrous (other)	6% Chrysotile

Analyst(s)  
 \_\_\_\_\_  
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 Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0.

Initial report from 04/15/2014 10:45:08

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
20140409-S7B 241401238-0018	Basement - 9"x9" white floor tiles (w/colored specs)				<b>Stop Positive (Not Analyzed)</b>
20140409-S8A 241401238-0019	Kitchen - white paper backing to radiator	White Fibrous Homogeneous	30% Cellulose	10% Ca Carbonate 5% Non-fibrous (other)	<b>55% Chrysotile</b>
20140409-S8B 241401238-0020	Kitchen - white paper backing to radiator				<b>Stop Positive (Not Analyzed)</b>
20140409-S9A 241401238-0021	Kitchen - black base/mastic	Black Fibrous Homogeneous	60% Cellulose 8% Synthetic	32% Non-fibrous (other)	<b>None Detected</b>
20140409-S9B 241401238-0022	Kitchen - black base/mastic	Black Fibrous Homogeneous	55% Cellulose 10% Synthetic	35% Non-fibrous (other)	<b>None Detected</b>
20140409-S10A 241401238-0023	Basement - white boiler patch	White Non-Fibrous Homogeneous	15% Wollastonite <1% Cellulose	35% Ca Carbonate 50% Non-fibrous (other)	<b>None Detected</b>
20140409-S10B 241401238-0024	Basement - white boiler patch	White Non-Fibrous Homogeneous	10% Wollastonite	30% Ca Carbonate 60% Non-fibrous (other)	<b>None Detected</b>
20140409-S11A 241401238-0025	1st floor - grey base coat	Gray Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	15% Quartz 25% Ca Carbonate 60% Non-fibrous (other)	<b>None Detected</b>

## Analyst(s)

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William Shedrawy (19)

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Gloria V. Oriol, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported 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. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
 Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0.

Initial report from 04/15/2014 10:45:08



# 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: 241401238  
CustomerID: FSS93  
CustomerPO:  
ProjectID:

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

Phone: (203) 288-1281  
Fax: (203) 248-4409  
Received: 04/10/14 5:10 PM  
Analysis Date: 4/15/2014  
Collected: 4/9/2014

## 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
20140409-S11B 241401238-0026	1st floor - grey base coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	10% Quartz 30% Ca Carbonate 60% Non-fibrous (other)	None Detected
20140409-S11C 241401238-0027	1st floor - grey base coat	Gray Non-Fibrous Homogeneous	<1% Cellulose <1% Fibrous (other)	15% Quartz 35% Ca Carbonate 50% Non-fibrous (other)	None Detected
20140409-S11D 241401238-0028	1st floor - grey base coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	15% Quartz 30% Ca Carbonate 55% Non-fibrous (other)	None Detected
20140409-S11E 241401238-0029	1st floor - grey base coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	20% Quartz 40% Ca Carbonate 40% Non-fibrous (other)	None Detected
20140409-S12A 241401238-0030	1st floor - white skim coat	White Non-Fibrous Homogeneous	<1% Cellulose	50% Ca Carbonate 50% Non-fibrous (other)	None Detected
20140409-S12B 241401238-0031	1st floor - white skim coat	White Non-Fibrous Homogeneous	<1% Cellulose	55% Ca Carbonate 45% Non-fibrous (other)	None Detected
20140409-S12C 241401238-0032	1st floor - white skim coat	White Non-Fibrous Homogeneous		55% Ca Carbonate 45% Non-fibrous (other)	None Detected

Analyst(s)  
Kristin Lopez (9) William Shedrawy (19)  
Renaldo Drakes (6)

  
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 04/15/2014 10:45:08

**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: 241401238  
 CustomerID: FSS93  
 CustomerPO:  
 ProjectID:

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

Phone: (203) 288-1281  
 Fax: (203) 248-4409  
 Received: 04/10/14 5:10 PM  
 Analysis Date: 4/15/2014  
 Collected: 4/9/2014

Project: 22214

### 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
20140409-S12D 241401238-0033	1st floor - white skim coat	White Non-Fibrous Homogeneous	<1% Cellulose	50% Ca Carbonate 50% Non-fibrous (other)	None Detected
20140409-S12E 241401238-0034	1st floor - white skim coat	White Non-Fibrous Homogeneous	<1% Cellulose	60% Ca Carbonate 40% Non-fibrous (other)	None Detected
20140409-S13A 241401238-0035	Basement - ceiling panels	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
20140409-S13B 241401238-0036	Basement - ceiling panels	Brown Fibrous Homogeneous	98% Cellulose	2% Non-fibrous (other)	None Detected
20140409-S13C 241401238-0037	Basement - ceiling panels	Brown Fibrous Homogeneous	99% Cellulose	1% Non-fibrous (other)	None Detected
20140409-S14A 241401238-0038	Kitchen - linoleum mastic- brown	Brown Non-Fibrous Homogeneous	3% Cellulose	97% Non-fibrous (other)	None Detected
20140409-S14B 241401238-0039	Kitchen - linoleum mastic- brown	Brown Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (other)	None Detected

Analyst(s)  
 Kristin Lopez (9)                      William Shedrawy (19)  
 Renaldo Drakes (6)

  
 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 04/15/2014 10:45:08



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

# Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

241401239

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		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 checked="" 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.

<b>PLM - Bulk (reporting limit)</b>		<b>TEM - Bulk</b>	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	<input type="checkbox"/> PLM EPA NOB (<1%)	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1	<input type="checkbox"/> NY ELAP Method 198.4 (TEM)
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"/> Chatfield Protocol (semi-quantitative)	<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
<input type="checkbox"/> NIOSH 9002 (<1%)	<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)	<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique	<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)	<input type="checkbox"/> OSHA ID-191 Modified	<b>Other</b>	
<input type="checkbox"/> Standard Addition Method		<input type="checkbox"/>	

Check For Positive Stop - Clearly Identify Homogenous Group      Date Sampled: 4/9/14

Samplers Name: Kevin Bogue      Samplers Signature: *Kevin Bogue*

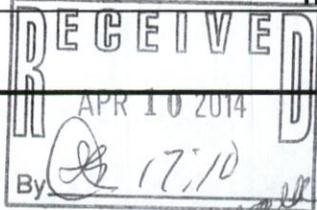
Sample #	HA #	Sample Location	Material Description
20140409-S1A	1+2	MudRoom	9'x9" Beige Floor Tile (w/ black streaks) + Black Mastic
S1B	1+2	↓	↓
S1C	1+2	↓	↓
20140409-S2A	3	MudRoom	9'x9" Black Floor Tile (w/ tan streaks)
S2B	3	↓	↓
S2C	3	↓	↓
20140409-S3A	4	MudRoom	1'x1' Ceiling tile
S3B	4	↓	↓
S3C	4	↓	↓

Client Sample # (s): S1A - S14B      Total # of Samples: 39

Relinquished (Client): *Kevin Bogue*      Date:      Time:

Received (Lab):      Date:      Time:

Comments/Special Instructions:





EMSL ANALYTICAL, INC.  
LABORATORY PRODUCTS TRAINING

# Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

24140123-8

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
20140409- S4A	5	Kitchen wall tiles	Brown Mosaic
S4B	5	↓	↓
20140409- S5A	6	Roof	Drip edge flashing
S5B	6	↓	↓
20140409- S6A	7+8	Basement	9"x9" Red Floor tiles (w/colored speck) + black grout
S6B	7+8	↓	↓
S6C	7+8	↓	↓
20140409- S7A	9	Basement	9"x9" white Floor Tiles (w/colored speck)
S7B	9	↓	↓
20140409- S8A	10	Kitchen	white paper backing to Radiant
S8B	10	↓	↓
20140409- S9A	11	Kitchen	black base/mosaic
S9B	11	↓	↓
20140409- S10A	12	Basement	white boiler patch
S10B	12	↓	↓
20140409- S11A	13	grey base coat	1 <sup>st</sup> Floor
S11B	13	↓	↓
S11C	13	↓	↓
S11D	13	↓	↓
S11E	13	↓	↓

\*Comments/Special Instructions:

RECEIVED  
APR 10 2014  
By [Signature] 17:10



**ATTACHMENT C**  
**PCB LABORATORY ANALYTICAL DATA**

80 Lupes Drive  
Stratford, CT 06615



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

Client: Mr. Kevin Bogue  
Facility Support Services  
2685 State Street  
Hamden, CT 06517

# Analytical Report

## CET# 4040289

Report Date: April 18, 2014  
Project: MCA, Easton  
Project Number: 22214

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



New York Certification: 11982  
Florida Laboratory Certification: E871064

CET #:4040289  
 Project: MCA, Easton  
 Project Number: 22214

**SAMPLE SUMMARY**

The sample(s) were received at 5.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
20140409_P1	4040289-01	Solid	4/09/2014	04/11/2014
20140409_P2	4040289-02	Solid	4/09/2014	04/11/2014
20140409_P3	4040289-03	Solid	4/09/2014	04/11/2014

**Client Sample ID 20140409\_P1**  
**Lab ID: 4040289-01**

**PCBs by Soxhlet**  
**Method: EPA 8082A**

**Analyst: CA**  
**Matrix: Solid**

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	B4D1415	04/14/2014	04/17/2014 12:50	
PCB-1221	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 12:50	
PCB-1232	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 12:50	
PCB-1242	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 12:50	
PCB-1248	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 12:50	
PCB-1254	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 12:50	
PCB-1260	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 12:50	
PCB-1268	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 12:50	
PCB-1262	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 12:50	
<i>Surrogate: TCMX</i>	86.2 %	50 - 150			B4D1415	04/14/2014	04/17/2014 12:50	
<i>Surrogate: DCB</i>	88.3 %	50 - 150			B4D1415	04/14/2014	04/17/2014 12:50	

CET #:4040289  
 Project: MCA, Easton  
 Project Number: 22214

**Client Sample ID 20140409\_P2**  
**Lab ID: 4040289-02**

**PCBs by Soxhlet**  
**Method: EPA 8082A**

**Analyst: CA**  
**Matrix: Solid**

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	B4D1415	04/14/2014	04/17/2014 13:08	
PCB-1221	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:08	
PCB-1232	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:08	
PCB-1242	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:08	
PCB-1248	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:08	
PCB-1254	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:08	
PCB-1260	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:08	
PCB-1268	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:08	
PCB-1262	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:08	

<i>Surrogate: TCMX</i>	<i>85.5 %</i>	<i>50 - 150</i>			B4D1415	04/14/2014	<i>04/17/2014 13:08</i>	
<i>Surrogate: DCB</i>	<i>118 %</i>	<i>50 - 150</i>			B4D1415	04/14/2014	<i>04/17/2014 13:08</i>	

CET #:4040289  
Project: MCA, Easton  
Project Number: 22214

Client Sample ID 20140409\_P3  
Lab ID: 4040289-03

PCBs by Soxhlet  
Method: EPA 8082A

Analyst: CA  
Matrix: Solid

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	B4D1415	04/14/2014	04/17/2014 13:27	
PCB-1221	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:27	
PCB-1232	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:27	
PCB-1242	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:27	
PCB-1248	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:27	
PCB-1254	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:27	
PCB-1260	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:27	
PCB-1268	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:27	
PCB-1262	ND	0.80	4	EPA 3540C	B4D1415	04/14/2014	04/17/2014 13:27	
Surrogate: TCMX	76.2 %	50 - 150			B4D1415	04/14/2014	04/17/2014 13:27	
Surrogate: DCB	91.0 %	50 - 150			B4D1415	04/14/2014	04/17/2014 13:27	

CET #:4040289  
 Project: MCA, Easton  
 Project Number: 22214

**QUALITY CONTROL SECTION**

**Batch B4D1415 - EPA 8082A**

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
<b>Blank (B4D1415-BLK1)</b>					Prepared: 4/14/2014 Analyzed: 4/17/2014				
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>					70.8	50 - 150			
<i>Surrogate: DCB</i>					83.3	50 - 150			
<b>LCS (B4D1415-BS1)</b>					Prepared: 4/14/2014 Analyzed: 4/17/2014				
PCB-1016	0.745	0.20	1.000		74.5	40 - 140			
PCB-1260	0.819	0.20	1.000		81.9	40 - 140			
<i>Surrogate: TCMX</i>					70.3	50 - 150			
<i>Surrogate: DCB</i>					79.6	50 - 150			
<b>Calibration Check (B4D1415-CCV1)</b>					Prepared: 4/14/2014 Analyzed: 4/17/2014				
PCB-1016	0.982	0.20	1.000		98.2	80 - 120			
PCB-1260	0.924	0.20	1.000		92.4	80 - 120			
<i>Surrogate: TCMX</i>					101	50 - 150			
<i>Surrogate: DCB</i>					88.5	50 - 150			
<b>Duplicate (B4D1415-DUP1)</b>		<b>Source: 4040289-01</b>			Prepared: 4/14/2014 Analyzed: 4/17/2014				
PCB-1016	ND	0.80		ND				50	
PCB-1221	ND	0.80		ND				50	
PCB-1232	ND	0.80		ND				50	
PCB-1242	ND	0.80		ND				50	
PCB-1248	ND	0.80		ND				50	
PCB-1254	ND	0.80		ND				50	
PCB-1260	ND	0.80		ND				50	
PCB-1268	ND	0.80		ND				50	
PCB-1262	ND	0.80		ND				50	
<i>Surrogate: TCMX</i>					74.7	50 - 150			
<i>Surrogate: DCB</i>					79.0	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 #:4040289

Project: MCA, Easton

Project Number: 22214

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.

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.



4040289

COMPLETE ENVIRONMENTAL TESTING, INC.

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
Bottle Request e-mail: bottleorders@cellabs.com

Table with columns: Sample ID, Date/Time, Matrix, Turnaround Time, Same Day, Next Day, 2-3 Days, Std (5-7 Days)

Table with columns: Organic, Metals, Additional Analysis, TOTAL # OF CONT., NOTE #

Client / Reporting Information
Company Name: Facility Support Services, LLC
Address: 2685 State St, Hamden CT 06517
City: Hamden State CT
State: CT
City: Hamden
State: CT
Report To: Kevin Byrne
E-mail: K.Byrne.FSS@SNET.NET

Project Information
Project Contact: Kevin Byrne
Project #: 22214
PO #:
Location: Easton, CT
Collector(s): KSB
Data Report: [X] A Sid [ ] B Sid
Site Specific (MS/MSD): [ ]
RCP Pkg: [ ]
DQAW: [ ]
Lab Use: Evidence of Cooling: 500 °C or N
Temp Upon Receipt: 500 °C or N
SHEET 1 OF 1

\* 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. 12/11

**ATTACHMENT D**  
**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: 241401239  
 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: 04/09/2014  
 Received: 04/10/2014  
 Analyzed: 04/14/2014

**Proj:** 22214

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

Lab Sample Number:	241401239-0001			241401239-0002			241401239-0003		
Client Sample ID:	20140409-M1			20140409-M2			20140409-M3		
Volume (L):	75			75			0		
Sample Location:	BASEMENT			MUDROOM			BLANK		
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	-	-	-	-	-	-	-	-	-
Ascospores	5	200	4.4	11	460	4.5	-	-	-
Aspergillus/Penicillium	86	3600	78.6	185	7810	75.8	-	-	-
Basidiospores	7	300	6.5	8	300	2.9	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	3	100	1	-	-	-
Cladosporium	9	400	8.7	33	1400	13.6	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	5	200	1.9	-	-	-
Myxomycetes++	2	80	1.8	1	40	0.4	-	-	-
Pithomyces	-	-	-	-	-	-	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
<b>Total Fungi</b>	<b>109</b>	<b>4580</b>	<b>100</b>	<b>246</b>	<b>10310</b>	<b>100</b>	-	<b>No Trace</b>	-
Hyphal Fragment	7	300	6.5	13	550	5.3	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	42	-	-	42	-	-	0	-
Analyt. Sensitivity 300x	-	13*	-	-	13*	-	-	0*	-
Skin Fragments (1-4)	-	2	-	-	2	-	-	-	-
Fibrous Particulate (1-4)	-	2	-	-	2	-	-	-	-
Background (1-5)	-	2	-	-	2	-	-	-	-

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

Gloria V. Oriol, Laboratory Manager  
 or Other Approved Signatory

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: 04/14/2014 12:27:44

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.

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: 241401239  
 Customer ID: FSS93  
 Customer PO:  
 Project ID:

**Attn:** Kevin Bogue Phone: (203) 288-1281  
 Facility Support Services, LLC Fax: (203) 248-4409  
 2685 State Street Collected: 04/09/2014  
 Hamden, CT 06517 Received: 04/10/2014  
 Analyzed: 04/14/2014

**Proj:** 22214

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

Lab Sample Number:	241401239-0004		
Client Sample ID:	20140409-M4		
Volume (L):	150		
Sample Location:	OUTSIDE		
<b>Spore Types</b>	<b>Raw Count</b>	<b>Count/m<sup>3</sup></b>	<b>% of Total</b>
Alternaria	1	20	1.8
Ascospores	11	230	20.9
Aspergillus/Penicillium	1	20	1.8
Basidiospores	9	200	18.2
Bipolaris++	-	-	-
Chaetomium	-	-	-
Cladosporium	23	490	44.5
Curvularia	-	-	-
Epicoccum	-	-	-
Fusarium	-	-	-
Ganoderma	3	60	5.5
Myxomycetes++	2	40	3.6
Pithomyces	1	20	1.8
Rust	-	-	-
Scopulariopsis	-	-	-
Stachybotrys	-	-	-
Torula	1	20	1.8
Ulocladium	-	-	-
Unidentifiable Spores	-	-	-
Zygomycetes	-	-	-
<b>Total Fungi</b>	<b>52</b>	<b>1100</b>	<b>100</b>
Hyphal Fragment	6	100	9.1
Insect Fragment	-	-	-
Pollen	3	60	5.5
Analyt. Sensitivity 600x	-	21	-
Analyt. Sensitivity 300x	-	7*	-
Skin Fragments (1-4)	-	-	-
Fibrous Particulate (1-4)	-	-	-
Background (1-5)	-	1	-

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

Gloria V. Oriol, Laboratory Manager  
 or Other Approved Signatory

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: 04/14/2014 12:27:44

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):

241401239

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		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		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**

• M041 Fungal Direct Examination	• M014 Endotoxin Analysis	• M029 Enterococci
• M005 Viable Fungi ID and Count	• M015 Heterotrophic Plate Count	• M019 Fecal Coliform
• M006 Viable Fungi ID and Count (Speciation)	• M180 Real Time Q-PCR-ERMI 36	• M133 MRSA Analysis
• M007 Culturable Fungi	• Panel	• M028 <i>Cryptococcus neoformans</i> Detection
• M008 Culturable Fungi (Speciation)	• M018 Total Coliform (Membrane Filtration)	• M120 <i>Histoplasma capsulatum</i> Detection
• M009 Gram Stain Culturable Bacteria	• M020 Fecal <i>Streptococcus</i> (Membrane Filtration)	• M033-39 Allergen Testing
• M010 Bacterial Count and ID – 3 Most Prominent	• M210-215 <i>Legionella</i> Detection	• M044 Group Allergen (Cat, Dog, Cockroach, Dustmites)
• M011 Bacterial Count and ID – 5 Most Prominent	• M026 Recreational Water Screen	• Other See Analytical Price Guide
• M013 Sewage Contamination in Buildings	• M027 Mycotoxin Analysis	

Preservation Method (Water):

Name of Sampler: **Kevin Bogue** 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
20140409-m1	Basement	Air	M001	75L	4/9/14 12:38
" " -m2	Mudroom	↓	↓	75L	4/9/14 12:57
" " -m3	Blank	↓	↓	0L	4/9/14 1:00
" " -m4	outside	↓	↓	150L	4/9/14 1:02

Client Sample # (s): m1 - m4 Total # of Samples: 4

Relinquished (Client): *Kevin Bogue* Date: Time:

Received (Client): Date: Time:

Comments:

**RECEIVED**  
APR 10 2014  
By *JG* 17:10  
*walk a*

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

80 Lupes Drive  
Stratford, CT 06615



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

Client: Mr. Kevin Bogue  
Facility Support Services  
2685 State Street  
Hamden, CT 06517

# Analytical Report

## CET# 4040425

Report Date: April 21, 2014  
Project: 22214, Easton  
Project Number: 22214

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



New York Certification: 11982  
Florida Laboratory Certification: E871064

CET #:4040425  
Project: 22214, Easton  
Project Number: 22214

**SAMPLE SUMMARY**

The sample(s) were received at 4.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
-----------	---------------	--------	----------------------	--------------

22214041614_01	4040425-01	Solid	4/16/2014 14:00	04/17/2014
----------------	------------	-------	-----------------	------------

**Analyte: TCLP Lead [EPA 6010C]**

**Analyst: SS**

**Matrix: Extract**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
---------------	------------------	--------	----	-------	----------	-------	----------	--------------------	-------

4040425-01	22214041614_01	<b>0.037</b>	0.013	mg/L	1	B4D1829	04/18/2014	04/18/2014 16:22	
------------	----------------	--------------	-------	------	---	---------	------------	------------------	--

CET #:4040425  
 Project: 22214, Easton  
 Project Number: 22214

**QUALITY CONTROL SECTION**

**Batch B4D1829 - EPA 6010C**

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Blank (B4D1829-BLK1)</b>									Prepared: 4/18/2014 Analyzed: 4/18/2014
Lead	ND	0.013							
<b>LCS (B4D1829-BS1)</b>									Prepared: 4/18/2014 Analyzed: 4/18/2014
Lead	0.185	0.013	0.200		92.3	80 - 120			
<b>Duplicate (B4D1829-DUP1)</b>									Prepared: 4/18/2014 Analyzed: 4/18/2014
Lead	0.0379	0.013		0.0369			2.67	20	
<b>Matrix Spike (B4D1829-MS1)</b>									Prepared: 4/18/2014 Analyzed: 4/18/2014
Lead	0.226	0.013	0.200	0.0369	94.6	75 - 125			
<b>Matrix Spike Dup (B4D1829-MSD1)</b>									Prepared: 4/18/2014 Analyzed: 4/18/2014
Lead	0.228	0.013	0.200	0.0369	95.6	75 - 125	0.837	20	



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 #:4040425

Project: 22214, Easton

Project Number: 22214

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.

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.



**ATTACHMENT F**  
**RADON ANALYTICAL DATA**



Site Radon Inspection Report

Date : 04/21/2014

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

Client: Unknown  
Test Location: 91 Dogwood Road  
Easton, CT 06612-

**Individual Canister Results**

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.

---

**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



# Facility Support Services, LLC

Environmental & Safety Consulting Engineers

May 28, 2014

Mr. Matthew Ranando  
Civil Engineer  
Martinez Couch & Associates LLC  
1084 Cromwell Avenue, Suite A-2  
Rocky Hill Connecticut 06067

Re: Supplemental Inspection Results – Lead Paint and Radon Inspection  
Community Development Block Grant – Disaster Recovery  
Owner Occupied Recovery and Rehabilitation Program  
**91 Dogwood Drive, Easton, Connecticut**  
Inspection Date: May 14, 2014

Dear Mr. Ranando:

Facility Support Services, LLC (FSS) is issuing this letter-report summarizing the supplemental lead inspection of the residential structure at the above-referenced property. Following the guidelines of the Connecticut Department of Housing (CT DOH), for the Community Development Block Grant – Disaster Recovery program, a lead inspection and testing investigation was conducted to ascertain potential environmental concerns at the residence. This investigation and others are related to the repair/replacement of items damaged by the October 2012 Tropical Storm Sandy.

## **Lead Painted Materials**

The subject residential structure was built prior to 1978 (1951) 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 ( $>1.0 \text{ mg/cm}^2$ ), including: soffit and fascia board, interior garage door trim, and the trim and sill associated with the newer type of windows. Only the window components were found in intact condition, the other materials (exposed soffit and fascia board, located in rear of building), and the garage door trim were found in non-intact (damaged) condition. A copy of the Gilbertco Lead Inspection Report is provided in Appendix A. Following the HUD Lead Safe Housing Guidelines, non-intact lead-containing materials shall have interim measures conducted to reduce the lead hazard.



# Facility Support Services, LLC

Environmental & Safety Consulting Engineers

## Radon Evaluation

FSS retested the subject residence on May 14, 2014 to further evaluate the presence of radon detected during the initial sampling event (conducted between April 9 and April 21, 2014).

In that April evaluation three canisters were placed in the boiler room (two side by side in the boiler portion of the basement, and a third in the other portion of the basement). The primary Boiler Room sample (Sample #2315134) contained 4.2 pCi/L, above the 4.0 pCi/L action level established by the US EPA. The duplicate sample from this area (Sample #2315114), contained 3.9 pCi/L. The average for these two samples is 4.05 pCi/L. EPA radon protocols for sampling calls for re-testing when the average of the two samples are above 4.0 pCi/L.

Radon re-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 two basement rooms of the residence on May 14, 2014 and retrieved on May 16, 2014. As with the initial evaluation, two canisters were placed in the boiler portion of the basement 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 for the evaluation was approximately 48.75 hours. QA/QC consisted of the collection of a duplicate sample (from boiler room) and a blank.

The Radon canisters were submitted to Radon Testing Corporation of America for analysis. The analytical results for samples were reported at 3.8 and 3.9 pCi/L. The blank sample contained 0.1 pCi/L. Analytical result reports are included in Appendix B. Since the results are below the 4.0 pCi/L, no radon mitigation measures are proposed at this time.

If you have any questions or require clarification on the above, please call me at (203) 288-1281.

Respectfully,  
**Facility Support Services, LLC**

A handwritten signature in blue ink that reads "Kevin Bogue".

Kevin Bogue, LEP, CHMM  
Project Manager

ATTACHMENT A  
LEAD BASED PAINT INSPECTION  
REPORT OF FINDINGS

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

**91 DOGWOOD AVENUE  
EASTON, CONNECTICUT**



**DATE:**  
May 14, 2014

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



# GILBERTCO LEAD INSPECTIONS, LLC

## “LEAD BASED PAINT SPECIALIST”

May 14, 2014

Job 9928-2-91

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

**Re: Lead Based Paint Inspection: 91 Dogwood Road, Easton, Connecticut  
Ron Terebisi- Applicant # 1111**

Gilbertco Lead Inspections LLC performed a limited XRF inspection for the presence of lead based paint at 91 Dogwood Road, Easton, 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 ranch style home built about 1951. The exterior is vinyl sided with vinyl replacement windows throughout. The home was vacant at the time of inspection. Several ceilings in interior rooms have been removed with clear access to the roof.

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.

In regards to the above mentioned property, *several exterior areas tested positive for based paint*. The exposed area under the soffit and fascia board in the rear of the property tested positive for lead. The interior of the garage door trim tested positive along with the newer interior window trim in the rear of the garage. *See picture below*



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 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. These deterrents are in place.

Please feel free to call if any questions arise,

Handwritten signature of 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: 91 DOGWOOD DRIVE  
EASTON, CONNECTICUT

PROJECT NUMBER: 9928-2-91

TEST DATE: MAY 14, 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.

Maurice N. N. N. N. N. 5/14/2014

**91 Dogwood Drive, Easton, Connecticut**  
**May 14, 2014**

Room Type	Room #	Wall #	Component	Substrate	Condition	K Shell	Decision
Calibration						1.14	okay
Exterior	1	1	Door	Metal	Non-intact	0.47	Negative
Exterior	1	1	Basement wnd	Wood	Non-intact	0.09	Negative
Exterior	1	4	Basement wnd	Wood	Non-intact	0.37	Negative
Exterior	1	3	Basement wnd	Wood	Non-intact	-0.15	Negative
Exterior	1	3	Soffit	Wood	Non-intact	0.1	Negative
<b>Exterior</b>	<b>1</b>	<b>3</b>	<b>exposed Fascia</b>	<b>Wood</b>	<b>Non-intact</b>	<b>2.95</b>	<b>Positive</b>
<b>Exterior</b>	<b>1</b>	<b>3</b>	<b>exposed Soffit</b>	<b>Wood</b>	<b>Non-intact</b>	<b>3.81</b>	<b>Positive</b>
Foyer	2	1	Door	Other	Intact	-0.14	Negative
Foyer	2	1	Door Casing	Wood	stain/varnish	0.04	Negative
Foyer	2	4	Wall	Sheetrk	Intact	0.21	Negative
Foyer	2	4	Baseboard	Wood	Intact	-0.02	Negative
Foyer	2	1	Ceiling	Sheetrk	Intact	0.03	Negative
Foyer	2	3	Wall	Sheetrk	Intact	0.17	Negative
Foyer	2	3	Door Casing	Wood	Intact	0.11	Negative
Foyer	2	3	Door	Wood	stain/varnish	0.04	Negative
Foyer	2	3	Door Casing	Wood	Intact	0.38	Negative
Foyer	2	2	Wall	Sheetrk	Intact	0.08	Negative
Foyer	2	2	Door Jamb	Wood	Non-intact	0.05	Negative
Kitchen	3	1	Wall	Sheetrk	Intact	0.21	Negative
Kitchen	3	1	Baseboard	Wood	Intact	0.31	Negative
Kitchen	3	1	Window Sill	Wood	Non-intact	-0.05	Negative
Kitchen	3	1	Window Trim	Wood	Non-intact	-0.13	Negative
Kitchen	3	2	Wall	Sheetrk	Intact	0.27	Negative
Kitchen	3	2	Window Sill	Wood	Intact	0.26	Negative
Kitchen	3	2	Window Trim	Wood	Intact	-0.36	Negative
Kitchen	3	2	Window Apron	Wood	Intact	-0.29	Negative
Kitchen	3	2	Radiator	Metal	Non-intact	0.49	Negative
Kitchen	3	2	Baseboard	Wood	Non-intact	0.33	Negative
Kitchen	3	2	Cabinet	Metal	Intact	0.08	Negative
Kitchen	3	2	Window Sill	Wood	Non-intact	-0.07	Negative
Kitchen	3	2	Window Trim	Wood	Non-intact	-0.26	Negative
Kitchen	3	3	Wall	Sheetrk	Intact	0.13	Negative
Kitchen	3	3	Cabinet	Metal	Intact	0.11	Negative
Kitchen	3	1	Ceiling	Sheetrk	Non-intact	-0.36	Negative
Kitchen	3	4	Wall	Sheetrk	Intact	0.17	Negative
Kitchen	3	4	Door Casing	Wood	Intact	0.27	Negative
Kitchen	3	4	Door Jamb	Wood	Non-intact	0.22	Negative
Kitchen	3	4	Wall	Sheetrk	Non-intact	0.4	Negative
Kitchen	3	4	Baseboard	Wood	Intact	0.08	Negative
Kitchen	3	3	Door Casing	Wood	Intact	0.65	Negative
Kitchen	3	3	Door to dining rm	Wood	Stain/varnish	-0.13	Negative

**91 Dogwood Drive, Easton, Connecticut**

**May 14, 2014**

Kitchen	3	4 Wall ( green)	Sheetrk	Intact	-0.01	Negative
Dining Room	4	1 Door Casing	Wood	Intact	0.12	Negative
Dining Room	4	1 Wall	Sheetrk	Intact	0.1	Negative
Dining Room	4	1 Baseboard	Wood	Intact	0.05	Negative
Dining Room	4	2 Wall	Sheetrk	Intact	-0.52	Negative
Dining Room	4	2 Door Casing	Wood	Intact	0.05	Negative
Dining Room	4	2 Baseboard	Wood	Intact	-0.16	Negative
Dining Room	4	3 Wall	Sheetrk	Intact	0.34	Negative
Dining Room	4	3 Window Sill	Wood	Non-intact	0.54	Negative
Dining Room	4	3 Window Trim	Wood	Non-intact	-0.04	Negative
Dining Room	4	3 Window Apron	Wood	Intact	-0.12	Negative
Dining Room	4	3 Radiator	Metal	Intact	0.33	Negative
Dining Room	4	4 Wall	Sheetrk	Intact	-0.25	Negative
Dining Room	4	4 Door Casing	Wood	Intact	0.06	Negative
Dining Room	4	4 Door Jamb	Wood	Intact	0.12	Negative
Dining Room	4	4 Baseboard	Wood	Intact	-0.21	Negative
Living Room	5	1 Door Casing	Wood	Intact	0.17	Negative
Living Room	5	1 Wall	Sheetrk	Intact	-0.23	Negative
Living Room	5	3 Wall	Sheetrk	Intact	0.05	Negative
Living Room	5	3 Door	Metal	Intact	-0.09	Negative
Living Room	5	3 Door Casing	Wood	stain/varnish	-0.22	Negative
Living Room	5	3 Baseboard	Wood	Intact	0.12	Negative
Living Room	5	3 Floor	Wood	stain/varnish	0.08	Negative
Living Room	5	3 Window Sill	Wood	Intact	0.75	Negative
Living Room	5	3 Window Trim	Wood	Intact	0.64	Negative
Living Room	5	3 Window Apron	Wood	Intact	0.15	Negative
Living Room	5	3 Radiator	Metal	Intact	-0.16	Negative
Living Room	5	4 Wall	Sheetrk	Intact	-0.52	Negative
Living Room	5	4 Baseboard	Wood	Intact	0.09	Negative
Living Room	5	4 Door Casing	Wood	Intact	0.14	Negative
Living Room	5	1 Wall	Sheetrk	Intact	0.19	Negative
Living Room	5	1 Mantle	Wood	Intact	0.11	Negative
Living Room	5	1 Door Casing	Wood	Intact	0.21	Negative
Living Room	5	1 Baseboard	Wood	Intact	-0.05	Negative
Living Room	5	2 Wall	Sheetrk	Intact	0.12	Negative
Living Room	5	2 Baseboard	Wood	Intact	-0.04	Negative
Sunroom	6	3 Floor	Masonry	Non-intact	0.3	Negative
Sunroom	6	3 Wall	Wood	Intact	0.05	Negative
Sunroom	6	1 Ceiling	Wood	Stain/varnish	-0.3	Negative
Sunroom	6	1 Ceiling Trim	Wood	Intact	0.53	Negative
Bedroom	7	2 Door	Wood	Stain/varnish	0.14	Negative
Bedroom	7	2 Door Jamb	Wood	Intact	0.07	Negative
Bedroom	7	2 Door Casing	Wood	Intact	0.29	Negative

**91 Dogwood Drive, Easton, Connecticut**

**May 14, 2014**

Bedroom	7	2 Wall	Sheetrk	Intact	-0.26	Negative
Bedroom	7	2 Baseboard	Wood	Intact	0.2	Negative
Bedroom	7	3 Wall	Sheetrk	Intact	0.22	Negative
Bedroom	7	3 Baseboard	Wood	Intact	0.34	Negative
Bedroom	7	3 Window Sill	Wood	Intact	0.69	Negative
Bedroom	7	3 Window Trim	Wood	Intact	0.33	Negative
Bedroom	7	3 Radiator	Metal	Intact	0.32	Negative
Bedroom	7	4 Wall	Sheetrk	Intact	0.59	Negative
Bedroom	7	4 Baseboard	Wood	Intact	0.37	Negative
Bedroom	7	4 Window Sill	Wood	Intact	0.35	Negative
Bedroom	7	4 Window Trim	Wood	Intact	0.59	Negative
Bedroom	7	1 Wall	Sheetrk	Intact	0.45	Negative
Bedroom	7	1 Baseboard	Wood	Intact	0.24	Negative
Bedroom	7	1 Radiator	Metal	Intact	-0.03	Negative
Bedroom	7	2 Closet Door	Wood	Stain/varnish	-0.04	Negative
Bedroom	7	2 Clo Dr Csng	Wood	Intact	0.41	Negative
Bedroom	7	2 Wall	Sheetrk	Intact	-0.21	Negative
Bedroom	7	2 Shelf	Wood	Non-intact	-0.04	Negative
Bedroom	7	2 Shelf Support	Wood	Non-intact	-0.03	Negative
Bedroom	7	2 Wall	Sheetrk	Intact	0.54	Negative
Bedroom	7	2 Baseboard	Wood	Intact	0.26	Negative
Bedroom	7	1 Floor	Wood	Stain/varnish	-0.44	Negative
Hallway	8	1 Wall	Sheetrk	Intact	0.03	Negative
Hallway	8	1 Baseboard	Wood	Intact	0.04	Negative
Hallway	8	1 Closet Door	Wood	Stain/varnish	-0.31	Negative
Hallway	8	1 Clo Dr Csng	Wood	Intact	-0.52	Negative
Hallway	8	3 Shelf	Wood	Intact	-0.16	Negative
Hallway	8	3 Shelf SUpport	Wood	Intact	0.06	Negative
Hallway	8	1 Wall	Sheetrk	Intact	-0.23	Negative
Hallway	8	1 Ceiling Door	Sheetrk	Intact	0	Negative
Hallway	8	1 Ceiling	Sheetrk	Intact	-0.23	Negative
Hallway	8	3 Closet Door	Wood	Stain/varnish	0.1	Negative
Hallway	8	3 Clo Dr Csng	Wood	Intact	-0.04	Negative
Hallway	8	3 Shelf	Wood	Intact	0.16	Negative
Hallway	8	3 Shelf SUpport	Wood	Intact	-0.09	Negative
Office	9	3 Door	Wood	Stain/varnish	-0.45	Negative
Office	9	3 Door Casing	Wood	Intact	0.03	Negative
Office	9	3 Wall	Sheetrk	Intact	-0.34	Negative
Office	9	3 Baseboard	Wood	Intact	0.05	Negative
Office	9	4 Closet Door	Wood	Stain/varnish	-0.09	Negative
Office	9	4 Clo Dr Csng	Wood	Stain/varnish	0.07	Negative
Office	9	4 Wall	Sheetrk	Intact	0	Negative
Office	9	4 Baseboard	Wood	Intact	-0.27	Negative
Office	9	1 Wall	Sheetrk	Intact	0.16	Negative
Office	9	1 Window Sill	Wood	Intact	-0.02	Negative

91 Dogwood Drive, Easton, Connecticut

May 14, 2014

Office	9	1 Window Trim	Wood	Intact	-0.08	Negative
Office	9	1 Radiator	Metal	Intact	0.02	Negative
Office	9	1 Baseboard	Wood	Intact	0.03	Negative
Office	9	2 Wall	Sheetrk	Intact	0.27	Negative
Office	9	2 Baseboard	Wood	Intact	-0.22	Negative
Office	9	1 Floor	Wood	Stain/varnish	-0.32	Negative
Office	9	1 Ceiling	Sheetrk	Intact	-0.04	Negative
Bathroom	10	3 Door	Wood	Stain/varnish	0.03	Negative
Bathroom	10	3 Door Jamb	Wood	Intact	0.08	Negative
Bathroom	10	3 Door Casing	Wood	Intact	-0.31	Negative
Bathroom	10	3 Wall	Sheetrk	Intact	0.17	Negative
Bathroom	10	4 Wall	Sheetrk	Intact	-0.23	Negative
Bathroom	10	4 Radiator	Metal	Intact	0.43	Negative
Bathroom	10	4 Window Sash	Wood	non-intact	0.31	Negative
Bathroom	10	1 Window Trim	Wood	Intact	-0.24	Negative
Bathroom	10	2 Wall	Sheetrk	Intact	0.16	Negative
Mudroom	11	4 Door Casing	Wood	Stain/varnish	-0.24	Negative
Mudroom	11	3 Window Sill	Wood	Non-intact	-0.1	Negative
Mudroom	11	3 Window Trim	Wood	Intact	-0.18	Negative
Mudroom	11	3 Window Apron	Wood	Intact	-0.1	Negative
Mudroom	11	3 Radiator	Wood	Intact	0.11	Negative
Mudroom	11	3 Baseboard	Wood	Intact	0.05	Negative
Mudroom	11	2 Wall	Other	Intact	-0.05	Negative
Mudroom	11	3 Baseboard	Wood	Stain/varnish	0.2	Negative
Mudroom	11	1 Door	Metal	Intact	-0.2	Negative
Mudroom	11	1 Door Casing	Wood	Intact	0.12	Negative
Mudroom	11	1 Wall	Other	Intact	0.25	Negative
Mudroom	11	1 Baseboard	Wood	Stain/varnish	-0.04	Negative
Mudroom	11	1 Window Sill	Wood	Stain/varnish	0.09	Negative
Mudroom	11	1 Window Trim	Wood	Stain/varnish	0.13	Negative
Mudroom	11	1 Baseboard	Wood	Stain/varnish	0.04	Negative
Mudroom	11	4 Wall	Other	Intact	0.06	Negative
Mudroom	11	4 Door Casing	Wood	Stain/varnish	-0.11	Negative
Mudroom	11	4 Ceiling	Other	Non-intact	-0.28	Negative
Mudroom	11	1 CeilingTrim	Wood	Intact	-0.13	Negative
Basement	12	4 Wall	Sheetrk	Intact	-0.22	Negative
Basement	12	4 Wall	Sheetrk	Intact	-0.34	Negative
Basement	12	4 Ceiling	Sheetrk	Intact	0.15	Negative
Basement	12	1 Stair Tread	Wood	Stain/varnish	-0.45	Negative
Basement	12	1 Stair Riser	Wood	Stain/varnish	-0.01	Negative
Basement	12	1 Railing	Metal	Intact	0.37	Negative
<b>Garage-int</b>	<b>13</b>	<b>1 Door Casing</b>	<b>Wood</b>	<b>Non-intact</b>	<b>1.7</b>	<b>Positive</b>
Garage-int	13	1 Ceiling	Masonry	Non-intact	0.33	Negative

91 Dogwood Drive, Easton, Connecticut

May 14, 2014

Garage-int	13	4 Wall	Masonry	Non-intact	-0.05	Negative
Garage-int	13	3 Wall	Masonry	Non-intact	-0.38	Negative
<b>Garage-int</b>	<b>13</b>	<b>3 Window Trim*</b>	<b>Wood</b>	<b>Intact</b>	<b>1.92</b>	<b>Positive</b>
<b>Garage-int</b>	<b>13</b>	<b>3 Window Trim*</b>	<b>Wood</b>	<b>Intact</b>	<b>2.22</b>	<b>Positive</b>
<b>Garage-int</b>	<b>13</b>	<b>3 Window Sill*</b>	<b>Wood</b>	<b>Intact</b>	<b>1.92</b>	<b>Positive</b>
Garage-int	13	3 Window Apron*	Wood	Intact	0.84	Negative
<b>Garage-int</b>	<b>13</b>	<b>3 Window Trim*</b>	<b>Wood</b>	<b>Intact</b>	<b>1.48</b>	<b>Positive</b>
		*appears new				

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

ATTACHMENT B  
RADON TESTING 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: 91 Dogwood Lane  
Easton, CT 06612-

## Individual Canister Results

Canister ID# :	2313460	Test Start :	05/14/2014 @ 09:16
Canister Type :	Charcoal Canister 3 inch	Test Stop :	05/16/2014 @ 09:56
Location :	Basement- Boiler Rm-B	Received:	05/19/2014 @ 17:30
Radon Level :	0.1 pCi/L	Analyzed:	05/20/2014 @ 14:57
Error for Measurement is: ±	0.5 pCi/L		

Canister ID# :	2313493	Test Start :	05/14/2014 @ 09:16
Canister Type :	Charcoal Canister 3 inch	Test Stop :	05/16/2014 @ 09:56
Location :	Basement-Boiler Rm	Received:	05/19/2014 @ 17:30
Radon Level :	3.9 pCi/L	Analyzed:	05/20/2014 @ 15:38
Error for Measurement is: ±	0.5 pCi/L		

Canister ID# :	2313501	Test Start :	05/14/2014 @ 09:16
Canister Type :	Charcoal Canister 3 inch	Test Stop :	05/16/2014 @ 09:56
Location :	Basement-Boiler Room	Received:	05/19/2014 @ 17:30
Radon Level :	3.8 pCi/L	Analyzed:	05/20/2014 @ 15:53
Error for Measurement is: ±	0.5 pCi/L		

The reported results indicate that radon levels in the building tested are below the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends retesting if your living patterns change and you begin occupying a lower level of the building, such as a basement or if major remodeling is done.

General radon information may be obtained by consulting the EPA booklet: A Citizen's Guide to Radon ([www.epa.gov/radon/pubs/citguide.html](http://www.epa.gov/radon/pubs/citguide.html)). To request a copy or for further information, please 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  
Radon Measurement Specialist  
NJ MES 11089Dante 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: 91 Dogwood Lane  
Easton, CT 06612-  
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