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

118 Sutton Avenue
Stratford, Connecticut

PREPARED FOR:

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

PREPARED BY:

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

June 13, 2014

FSS #22214-2130

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.

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

2685 State Street • Hamden, Connecticut 06517
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I. Introduction

Facility Support Services, LLC (FSS) was contracted by Martinez, Couch & Associates, LLC (MCA) to perform a limited scope hazardous materials survey of 118 Sutton Avenue in Stratford, Connecticut. The purpose of this inspection was to identify the presence of asbestos, PCBs, lead paint and mold in certain building materials proposed for removal/demolition that qualify for the repair/replacement of items damaged by the October 2012 Tropical Storm Sandy under the Connecticut Department of Housing (DOH), Community Development Block Grant – Disaster Recovery Owner Occupied Recovery and Rehabilitation Program. 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 118 Sutton Avenue in Stratford, Connecticut to identify concerns with indoor air quality related to mold and fungi:

- Living Room
- Basement
- 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
118 Sutton Avenue, Stratford, Connecticut

Sample Number & Location	Raw Count	Total Fungi (Count/m^3)	Spore Types Present
22214052201M Outside	29	640	Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Myxomycetes
22214052202M Basement	440	9,244	Ascospores, Aspergillus/Penicillium, Basidiospores, Chaetomium, Cladosporium, Curvularia, Myxomycetes, Pithomyces, Stachybotrys, Nigrospora, unidentifiable spores
22214052203M Living Room	26	500	Aspergillus/Penicillium, Basidiospores, Cladosporium, Myxomycetes, unidentifiable spores

The primary mold species were Basidiospores for the outside sample, and Aspergillus/Penicillium and Basidiospores for the interior samples.

Basidiospores are associated with forest floors, lawns and plants, and can grow on wood containing products. Basidiospores below to members of the Phylum Basidiomycota, which includes mushrooms and fungi.

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

Myxomycetes – Occurs on decaying logs, dead leaves, lawns, mulched flower beds and dung. Indoor suitable substrates have been identified as rotting lumber. The allergic potential of this species includes hay fever and asthma.

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 118 Sutton Avenue residence of up to 9,244/m^3, which is slightly below the 10,000/m^3 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 basement sample approximately 14 times above the exterior sample with a suite of spore types different from the outside sample, well above the 1/3 level noted in the previous paragraph. The living room sample was found at a level just below the outside sample, with a similar set of spore types.

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).

Three devices were placed in the basement level of the residence on May 14, 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 142 hours. QA/QC consisted of the collection of a duplicate sample.

The Radon canisters were submitted to Radon Testing Corporation of America for analysis. The analytical results for samples ranged from 2.3 to 2.8 pCi/L, as shown on Table 2 below. The EPA action level established for Radon is 4.0 pCi/L. Analytical result reports are included in Appendix B.

Table 2
Summary of Laboratory Analysis of Radon
118 Sutton Avenue, Stratford, Connecticut

Canister ID#	Location	Radon Concentration (pCi/L)
May 14-20, 2014		
2313525	Basement	2.8
2313527	Basement, rear room	2.3
2313547	Basement (Duplicate)	2.3

Note: A spiked QA/QC sample was included in the laboratory analysis for this residence (sample #2313508)

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:

- White window caulk, exterior steel framed windows
- White window glazing, exterior basement windows
- White window glazing, interior steel windows
- Mortared cement at hatchway

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

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

- White Window Glazing on exterior steel framed windows

V. PCBs

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

- Window caulk, white (steel framed windows)
- Window glazing, white (basement)
- Window glazing, white (steel framed windows)

FSS collected a sample of these materials for laboratory analysis for PCBs by EPA Method 8082A with Soxhlet Extraction. Laboratory data indicates that the PCB content of these materials ranged from Not Detected (<0.5 ppm) to 0.62 ppm, below the 1 ppm action level for PCBs. No further investigations, or special disposal requirements (for PCBs) are required for these materials.

VI. Lead

The subject residential structure was built prior to 1978 (1917) 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 one area tested positive for lead based paint (>1.0 mg/cm^2):

- Living Room Window Well and Apron
- Front Bedroom Window Well and Jamb
- Stairway door
- 3rd Floor Living Room, Window Well
- 2nd Floor Front Porch – Door Casing and Jamb, ceiling, door, threshold, kick plate, window sill, post/column, wall and baseboard
- 2nd Floor Living Room – Window Well
- 2nd Floor Dining Room – Window Well and Jamb
- 2nd Floor Kitchen - upper walls (north and south sides) and window well
- Pantry – wall, window well and jamb
- 2nd Floor Bathroom – Window well and jamb
- 2nd Floor Hall – Door
- 2nd Floor Rear Porch – Door, door jamb and door casing, threshold, kick plate, ceiling and post/column.

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

- Living Room Window Well and Apron
- Front Bedroom Window Well and Jamb
- Stairway door
- 3rd Floor Living Room, Window Well
- 2nd Floor Living Room – Window Well
- 2nd Floor Dining Room – Window Well and Jamb
- Pantry – wall, window well and jamb
- 2nd Floor Bathroom – Window well and jamb
- 2nd Floor Rear Porch – Door, door jamb and door casing, threshold, kick plate, ceiling and post/column.

FSS has evaluated proposed demolition materials against the XRF lead evaluation of painted surfaces. Based on this evaluation, the wood framed windows should be disposed of as containing hazardous levels of lead, or be evaluated prior to disposal by testing a representative sample for TCLP lead concentrations. Other site materials proposed for demolition or renovation will either not contain levels of leachable lead above the hazardous waste determination level (based on XRF data), or be exempt from leachable lead regulations due to being metallic objects.

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. 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 one material proposed for renovation or demolition:

- Steel framed window caulk

An asbestos workplan will be required for removal and proper disposal of this material.

PCBs - Three suspected PCB-containing materials were identified in proposed renovation materials and sampled. Results indicates these materials contain less than 1 ppm of PCBs, and therefore are unregulated materials requiring no further action.

Mold – Mold spore count analysis indicates accelerated mold growth in the basement of the residence (when comparing indoor mold spore count numbers to exterior spore count numbers). A mold abatement plan for basement materials should be developed.

Radon – Levels of radon were identified in the basement of the residence at a level of 2.3 and 2.8 pCi/L, below the EPA action level of 4.0 pCi/L. No further work related to radon will be required at this residence.

Lead - Following the HUD Lead-Safe Housing Guidelines, the non-intact areas should undergo measures to address the hazard associated with these materials.

- Living Room Window Well and Apron
- Front Bedroom Window Well and Jamb
- Stairway door
- 3rd Floor Living Room, Window Well
- 2nd Floor Living Room – Window Well
- 2nd Floor Dining Room – Window Well and Jamb
- Pantry – wall, window well and jamb
- 2nd Floor Bathroom – Window well and jamb
- 2nd Floor Rear Porch – Door, door jamb and door casing, threshold, kick plate, ceiling and post/column.

In addition, the wood framed basement windows should be segregated from the other materials, and be disposed of as containing hazardous levels of lead.

ATTACHMENTS

ATTACHMENT A

MOLD ANALYTICAL DATA

EMSL Analytical, Inc.

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

Order ID:	241401849
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:	05/19/2014
Analyzed:	05/23/2014

Proj: 22214-2130

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

Lab Sample Number:	241401849-0001			241401849-0002			241401849-0003		
Client Sample ID:	20140513_MS1			20140513_MS2			20140513_MS3		
Volume (L):	150			150			150		
Sample Location:	OUTSIDE			BASEMENT			LIVING ROOM		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria	-	-	-	-	-	-	-	-	-
Ascospores	1	20	3.1	1	20	0.2	-	-	-
Aspergillus/Penicillium	3	60	9.4	384	8100	87.6	5	100	20
Basidiospores	16	340	53.1	15	320	3.5	9	200	40
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	3	60	0.6	-	-	-
Cladosporium	8	200	31.3	20	420	4.5	2	40	8
Curvularia	-	-	-	1*	7*	0.1	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	-	-	-	-	-	-	-	-	-
Myxomycetes++	1	20	3.1	11	230	2.5	7	100	20
Pithomyces	-	-	-	2	40	0.4	-	-	-
Rust	-	-	-	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	1	20	0.2	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	1	20	0.2	3	60	12
Zygomycetes	-	-	-	-	-	-	-	-	-
Nigrospora	-	-	-	1*	7*	0.1	-	-	-
Total Fungi	**29**	**640**	**100**	**440**	**9244**	**100**	**26**	**500**	**100**
Hyphal Fragment	2	40	6.3	7	100	1.1	1	20	4
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	30	630	98.4	6	100	1.1	5	100	20
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	-	-	-	2	-	-	1	-
Fibrous Particulate (1-4)	-	1	-	-	1	-	-	1	-
Background (1-5)	-	1	-	-	2	-	-	1	-

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

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

Gloria V. Oriol, Laboratory Manager
or Other Approved Signatory

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

Initial report from: 05/27/2014 10:38:05

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

OrderID: 241401849

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Microbiology Chain of Custody

EMSL Order Number (*Lab Use Only*): 241401849

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

Company: Facilty Support Services, LLC		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*	
Street: 2685 State Street			
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-#2130		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: CT		**Connecticut Samples:** ☐ Commercial ☒ 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 • **M049** BioSIS • **M030** Micro 5	• **M173** Allegro M2 • **M003** Burkard • **M174** MoldSnap	• **M004** Allergenco • **M043** Cyclex • **M176** Relle Smart	• **M032** Allergenco-D • **M002** Cyclex-d • **M130** Via-Cell	• **M172** Versa Trap

Other Microbiology Test Codes

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

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_MS 1	outside	Air	M001	150 l	5/13/14 1:46
20140513_MS 2	Basement	↓	↓	↓	↓ 2:46
20140513_MS3	Living Room	↓	↓	↓	↓ 3:00

Client Sample # (s): MS 1 - MS 3 **Total # of Samples:** 3

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

Received (Client): **Date:** **Time:**

Comments:

RECEIVED
MAY 19 2014
By

ATTACHMENT B

RADON ANALYTICAL DATA

PC1405230066

RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 05/23/2014

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

Client: Petar Mladen
Test Location: 118 Sutton Avenue
Stratford, CT 06615-
Individual Canister Results

Canister ID# : 2313508
Canister Type : Charcoal Canister 3 inch
Location : Basement S-1
Radon Level : 37.6 pCi/L
Error for Measurement is: ± 1.2 pCi/L

Test Start : 05/17/2014 @ 08:27
Test Stop : 05/19/2014 @ 08:27
Received: 05/23/2014 @ 10:58
Analyzed: 05/23/2014 @ 15:17

Canister ID# : 2313525
Canister Type : Charcoal Canister 3 inch
Location : Basement
Radon Level : 2.8 pCi/L
Error for Measurement is: ± 0.3 pCi/L

Test Start : 05/14/2014 @ 14:14
Test Stop : 05/20/2014 @ 12:58
Received: 05/23/2014 @ 10:58
Analyzed: 05/23/2014 @ 15:17

Canister ID# : 2313527
Canister Type : Charcoal Canister 3 inch
Location : Basement Rear Rm
Radon Level : 2.3 pCi/L
Error for Measurement is: ± 0.3 pCi/L

Test Start : 05/14/2014 @ 14:11
Test Stop : 05/20/2014 @ 12:58
Received: 05/23/2014 @ 10:58
Analyzed: 05/23/2014 @ 15:32

Canister ID# : 2313547
Canister Type : Charcoal Canister 3 inch
Location : Basement B-2
Radon Level : 2.3 pCi/L
Error for Measurement is: ± 0.3 pCi/L

Test Start : 05/14/2014 @ 14:14
Test Stop : 05/20/2014 @ 12:58
Received: 05/23/2014 @ 10:58
Analyzed: 05/23/2014 @ 15:49

National Radon Safety Board NRSB Certified Radon Professionals

Andreas C. George

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

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

(914)345-3380
FAX (914)345-8546

2 Hayes Street, Elmsford, NY 10523
www.rtca.com

PC1405230066

RTCA RADON TESTING CORPORATION OF AMERICA

Site Radon Inspection Report

Date : 05/23/2014

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

Client: Petar Mladen
Test Location: 118 Sutton Avenue
Stratford, CT 06615-

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) and contact your state health department. The EPA maintains a radon information website, including copies of its publications, at 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 free1-800-458-1158.

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 it's consultants based on RTCA-provided results.

National Radon Safety Board NRSB Certified Radon Professionals

Andreas C. George

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

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

(914)345-3380
FAX (914)345-8546

2 Hayes Street, Elmsford, NY 10523
www.rtca.com

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

KEVIN S. BOGUE

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

SIGNATURE

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

EMSL Order:	241401850
CustomerID:	FSS93
CustomerPO:	
ProjectID:	

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

Hamden, CT 06517

Project: **22214-2130**

Phone:	(203) 288-1281
Fax:	(203) 248-4409
Received:	05/19/14 5:00 PM
Analysis Date:	5/22/2014
Collected:	5/13/2014

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

			Non-Asbestos				Asbestos	
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**%**	**Type**
20140513-S1A *241401850-0001*	Exterior steel framed window - white window caulk	White Fibrous Homogeneous	<1%	Cellulose	30% 64%	Ca Carbonate Non-fibrous (other)	**6%**	**Chrysotile**
20140513-S1B *241401850-0002*	Exterior steel framed window - white window caulk	White Fibrous Homogeneous	<1%	Cellulose	30% 64%	Ca Carbonate Non-fibrous (other)	**6%**	**Chrysotile**
20140513-S1C *241401850-0003*	Exterior steel framed window - white window caulk	White Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)		**None Detected**
20140513-S2A *241401850-0004*	Exterior basement windows - white window glazing	White Non-Fibrous Homogeneous	<1%	Cellulose	15% 85%	Ca Carbonate Non-fibrous (other)		**None Detected**
20140513-S2B *241401850-0005*	Exterior basement windows - white window glazing	White Non-Fibrous Homogeneous	<1%	Cellulose	15% 85%	Ca Carbonate Non-fibrous (other)		**None Detected**
20140513-S2C *241401850-0006*	Exterior basement windows - white window glazing	White Non-Fibrous Homogeneous	<1%	Cellulose	25% 75%	Ca Carbonate Non-fibrous (other)		**None Detected**
20140513-S3A *241401850-0007*	Interior steel windows - white window glazing	White Non-Fibrous Homogeneous	<1%	Cellulose	10% 90%	Ca Carbonate Non-fibrous (other)		**None Detected**
20140513-S3B *241401850-0008*	Interior steel windows - white window glazing	White Non-Fibrous Homogeneous	<1%	Cellulose	10% 90%	Ca Carbonate Non-fibrous (other)		**None Detected**

Analyst(s)

Lauren Brennan (8)
William Shedrawy (4)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

Initial report from 05/23/2014 09:14:50

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

EMSL Order:	241401850
CustomerID:	FSS93
CustomerPO:	
ProjectID:	

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

Hamden, CT 06517

Project: **22214-2130**

Phone:	(203) 288-1281
Fax:	(203) 248-4409
Received:	05/19/14 5:00 PM
Analysis Date:	5/22/2014
Collected:	5/13/2014

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

			Non-Asbestos				Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**		**% Type**
20140513-S3C *241401850-0009*	Interior steel windows - white window glazing	White Non-Fibrous Homogeneous	<1%	Cellulose	15% 85%	Ca Carbonate Non-fibrous (other)	**None Detected**
20140513-S4A *241401850-0010*	Mortared cement @ hatchway - bilco door cement	Brown Non-Fibrous Homogeneous	2%	Cellulose	30% 68%	Quartz Non-fibrous (other)	**None Detected**
20140513-S4B *241401850-0011*	Mortared cement @ hatchway - bilco door cement	Brown Non-Fibrous Homogeneous	2%	Cellulose	30% 68%	Quartz Non-fibrous (other)	**None Detected**
20140513-S4C *241401850-0012*	Mortared cement @ hatchway - bilco door cement	Gray Non-Fibrous Homogeneous	<1%	Cellulose	25% 10% 65%	Quartz Ca Carbonate Non-fibrous (other)	**None Detected**

Analyst(s)

Lauren Brennan (8)
William Shedrawy (4)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

Initial report from 05/23/2014 09:14:50

OrderID: 241401849

24140185

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (*Lab Use Only*):

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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

Company : Facilty Support Services, LLC	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 2685 State Street	
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 -2130	**Please Provide Results:** ☐ Fax ☑ Email ☐ Mail
U.S. State Samples Taken: CT	**CT Samples:** ☐ Commercial/Taxable ☒ 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)	TEM – Bulk
☒ PLM EPA 600/R-93/116 (<1%)	☐ TEM EPA NOB – EPA 600/R-93/116 Section 2.5.5.1
☐ PLM EPA NOB (<1%)	☐ NY ELAP Method 198.4 (TEM)
Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%)	☐ Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)	☐ TEM % by Mass – EPA 600/R-93/116 Section 2.5.5.2
☐ NIOSH 9002 (<1%)	☐ TEM Qualitative via Filtration Prep Technique
☐ NY ELAP Method 198.1 (friable in NY)	☐ TEM Qualitative via Drop Mount Prep Technique
☐ NY ELAP Method 198.6 NOB (non-friable-NY)	**Other**
☐ OSHA ID-191 Modified	☐
☐ Standard Addition Method	

☐ **Check For Positive Stop – Clearly Identify Homogenous Group** **Date Sampled:** 5/13/14

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

Sample #	HA #	Sample Location	Material Description
20140513-S1A		exterior steel framed windows	white window caulk
S1B		↓	↓
S1C		↓	↓
20140513-S2A		exterior basement windows	white window glazing
S2B		↓	
S2C		↓	
20140513-S3A		interior steel windows	white window glazing
S3B		↓	
S3C		↓	

Client Sample # (s): S1A - S4C **Total # of Samples:** 12

Relinquished (Client): Kevin Bogue **Date:** 5/19/14 **Time:**

Received (Lab): **Date:** **Time:**

Comments/Special Instructions:

RECEIVED
MAY 19 2014
By 17:00

241401850

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (*Lab Use Only*):

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		mastered cement @ hatchway	Bilco door cement
S4B		↓	↓
S4C		↓	↓

*Comments/Special Instructions:

RECEIVED
MAY 19 2014
By 17:00

ATTACHMENT E

LEAD ANALYTICAL DATA

LEAD BASED PAINT INSPECTION
REPORT OF FINDINGS
OF:

118-120 SUTTON AVENUE
STRATFORD, 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 9928-2-118

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

Re: Lead Based Paint Inspection: 118-120 Sutton Avenue, Stratford, Connecticut
Peter Mladen- Applicant # 2130

Gilbertco Lead Inspections LLC performed a limited XRF inspection for the presence of lead based paint at 118-120 Sutton Avenue, Stratford, 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 large three story, two family home built about 1917. The owner resides on the second and third floors. The home enjoys excellent housekeeping. The exterior is vinyl sided with original windows. Some windows were inoperable or inaccessible. 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/cm2 action level or "Negative", below the action level regardless of precision or operator bias. In accordance with the above guidance, values of 0.91 mg/cm2 through 1.19 mg/cm2 are considered "Inconclusive", meaning the value level of lead in paint was so close to the 1.0 mg/cm2 action level that further analysis by XRF would not result in a "Positive" or "Negative" answer. Only laboratory analysis of the paint film can determine actual values in this range. Chip sampling of inconclusive was not included in the scope of this report, therefore, any results above 0.9 mg/cm2 are considered positive. Results are arranged floor plan style with the substrate and condition noted. Orientation of rooms places side 'one' as street side, with side 'two' to the left, side 'three' opposite, and wall 'four' to the right. Rooms were tested in a clockwise pattern.

In regards to the above mentioned property , *several lead based paint hazards were identified.* A lead based paint hazard is "any condition that causes lead exposure 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 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 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.

Please feel free to call if any questions arise,

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:	118-120 SUTTON AVENUE STRATFORD, CONNECTICUT
PROJECT NUMBER:	9928-2-118
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.

Maureen Mraw 5/14/2014

118 Sutton Avenue, First Floor, Stratford, Connecticut

May 14, 2014

Room Type	Room #	Wall #	Component	Substrate	Condition	K Shell	Decision
Calibration						1.16	okay
Entry	1	1	Door	Wood	Stain/varnish	-0.06	Negative
Entry	1	1	Door Casing	Wood	Stain/varnish	-0.49	Negative
Entry	1	1	Wall	Sheetrk	Intact	0.1	Negative
Entry	1	1	Baseboard	Wood	Stain/varnish	0.04	Negative
Entry	1	2	Wall	Sheetrk	Intact	0.23	Negative
Entry	1	1	Ceiling	Other	Intact	0.01	Negative
Entry	1	3	Wall	Sheetrk	Intact	-0.58	Negative
Entry	1	3	Closet Door	Wood	Stain/varnish	0.28	Negative
Entry	1	3	Clo Dr Csng	Wood	Stain/varnish	0.07	Negative
Entry	1	4	Wall	Sheetrk	Intact	0.25	Negative
Entry	1	4	Baseboard	Wood	Stain/varnish	-0.13	Negative
Entry	1	4	Door Casing	Wood	Stain/varnish	0.04	Negative
Entry	1	4	Door Jamb	Wood	Stain/varnish	0.02	Negative
Entry	1	3	Floor	Wood	Stain/varnish	0.3	Negative
Living Room	2	1	Wall	Sheetrk	Intact	-0.01	Negative
Living Room	2	1	Window Sill	Wood	Stain/varnish	-0.1	Negative
Living Room	2	1	Window Sash	Wood	Stain/varnish	0.06	Negative
Living Room	**2**	**1**	**Window Well**	**Wood**	**Non-intact**	**17.85**	**Positive**
Living Room	**2**	**1**	**Window Apron**	**Wood**	**Non-intact**	**7.75**	**Positive**
Living Room	2	1	Ext Sash	Wood	Non-intact	0.19	Negative
Living Room	2	1	Window Trim	Wood	Stain/varnish	-0.12	Negative
Living Room	2	1	Baseboard	Wood	Stain/varnish	0.02	Negative
Living Room	2	1	Floor	Wood	Stain/varnish	-0.22	Negative
Living Room	2	4	Wall	Sheetrk	Intact	0.58	Negative
Living Room	2	3	Wall	Sheetrk	Intact	0.34	Negative
Living Room	2	3	Door Casing	Wood	Stain/varnish	-0.33	Negative
Living Room	2	3	Post/column	Wood	Stain/varnish	0.22	Negative
Dining Room	3	1	Door Casing	Wood	Stain/varnish	-0.1	Negative
Dining Room	3	1	Wall	Sheetrk	Intact	-0.26	Negative
Dining Room	3	2	Wall-upper	Sheetrk	Intact	0.18	Negative
Dining Room	3	2	Chairrail	Wood	Intact	0.05	Negative
Dining Room	3	2	Wall-lower	Sheetrk	Intact	0.26	Negative
Dining Room	3	2	Cabinet	Wood	Stain/varnish	0.18	Negative
Dining Room	3	3	Wall-upper	Sheetrk	Intact	-0.03	Negative
Dining Room	3	3	Chairrail	Wood	Intact	0.11	Negative
Dining Room	3	3	Wall-lower	Other	Intact	0.14	Negative
Dining Room	3	3	Baseboad	Wood	Stain/varnish	0	Negative
Dining Room	3	1	Floor	Wood	Stain/varnish	0.02	Negative
Dining Room	3	3	Door Casing	Wood	Stain/varnish	0.01	Negative
Dining Room	3	4	Wall	Sheetrk	Intact	0.48	Negative
Dining Room	3	4	Window Trim	Wood	Stain/varnish	0.13	Negative

Kitchen	4	1	Door Casing	Wood	Intact	0.05	Negative
Kitchen	4	1	Wall-upper	Sheetrk	Intact	0.12	Negative
Kitchen	4	1	Wall-lower	Other	Intact	0.36	Negative
Kitchen	4	2	Wall-upper	Sheetrk	Intact	0.22	Negative
Kitchen	4	2	Door Casing	Wood	Intact	0.34	Negative
Kitchen	4	2	Wall-lower	other	Intact	0.32	Negative
Kitchen	4	3	Wall	Sheetrk	Intact	0.08	Negative
Kitchen	4	3	Door	Wood	Intact	0.07	Negative
Kitchen	4	3	Door Casing	Wood	Intact	0.37	Negative
Kitchen	4	3	Cabinet	Wood	Intact	0.28	Negative
Kitchen	4	3	Cabinet	Wood	Intact	0.1	Negative
Kitchen	4	4	Wall-upper	Sheetrk	Intact	-0.09	Negative
Kitchen	4	4	Chairrai	Wood	Intact	0.49	Negative
Kitchen	4	4	Wall-lower	other	Intact	0.68	Negative
Kitchen	4	4	Door Casing	Wood	Intact	0.12	Negative
Kitchen	4	4	Window Sill	Wood	Intact	-0.14	Negative
Kitchen	4	4	Window Sash	Wood	Intact	0.42	Negative
Kitchen	4	4	Window Trim	Wood	Intact	0.04	Negative
Kitchen	4	4	Window Stop	Wood	Intact	0.2	Negative
Pantry	5	4	Wall	Sheetrk	Intact	0.15	Negative
Pantry	5	1	Wall	Sheetrk	Intact	-0.19	Negative
Pantry	5	2	Wall	Sheetrk	Intact	0.04	Negative
Pantry	5	1	Door Casing	Wood	Intact	0.24	Negative
Pantry	5	1	Shelf	Wood	Intact	0.02	Negative
Front Bedroom	6	1	Door	Wood	Intact	0.21	Negative
Front Bedroom	6	1	Door Casing	Wood	Intact	-0.01	Negative
Front Bedroom	6	1	Wall	Sheetrk	Intact	0.13	Negative
Front Bedroom	6	1	Closet Door	Wood	Intact	-0.13	Negative
Front Bedroom	6	1	Clo Dr Csng	Wood	Intact	-0.06	Negative
Front Bedroom	6	1	Wall	Sheetrk	Intact	-0.11	Negative
Front Bedroom	6	2	Window Sill	Wood	Stain/varnish	0.06	Negative
Front Bedroom	6	2	Window Sash	Wood	Stain/varnish	0.49	Negative
Front Bedroom	**6**	**2**	**Window Well**	**Wood**	**Non-Intact**	**17.89**	**Positive**
Front Bedroom	**6**	**2**	**Window Jamb**	**Wood**	**Non-Intact**	**6.45**	**Positive**
Front Bedroom	6	2	Wall	Sheetrk	Intact	-0.65	Negative
Front Bedroom	6	3	Wall	Sheetrk	Intact	-0.11	Negative
Front Bedroom	6	3	Door	Wood	Intact	0.32	Negative
Front Bedroom	6	3	Door Casing	Wood	Intact	0.18	Negative
Front Bedroom	6	3	Baseboard	Wood	Intact	-0.12	Negative
Front Bedroom	6	1	Floor	Wood	Stain/varnish	-0.03	Negative
Bathroom	7	4	Door	Wood	Intact	-0.21	Negative
Bathroom	7	4	Door Jamb	Wood	Intact	0.07	Negative
Bathroom	7	4	Door Casing	Wood	Intact	-0.18	Negative

Bathroom	7	4 Wall	Sheetrk	Intact	0.27	Negative
Bathroom	7	1 Wall-upper	Sheetrk	Intact	0.07	Negative
Bathroom	7	1 Wall-lower	Other	Intact	-0.08	Negative
Bathroom	7	2 Wall	Sheetrk	Intact	-0.22	Negative
Bathroom	7	2 Window Trim	Wood	Intact	0.4	Negative
Bathroom	7	2 Window Sill	Wood	Intact	0.32	Negative
Bathroom	7	2 Window Sash	Wood	Intact	0.47	Negative
Bathroom	7	2 Cabinet	Wood	Stain/varnish	-0.06	Negative
Bathroom	7	3 Wall	Sheetrk	Intact	0.23	Negative
Rear Bedroom	8	1 Door	Wood	Intact	-0.07	Negative
Rear Bedroom	8	1 Door Casing	Wood	Intact	0.04	Negative
Rear Bedroom	8	1 Wall-upper	Sheetrk	Intact	0.19	Negative
Rear Bedroom	8	1 Wall-lower	Sheetrk	Intact	0.02	Negative
Rear Bedroom	8	2 Wall-upper	Sheetrk	Intact	0.27	Negative
Rear Bedroom	8	2 Wall-lower	Sheetrk	Intact	-0.09	Negative
Rear Bedroom	8	3 Wall-upper	Sheetrk	Intact	0.23	Negative
Rear Bedroom	8	3 Wall-lower	Sheetrk	Intact	0	Negative
Rear Bedroom	8	3 Window Trim	Wood	Intact	-0.07	Negative
Rear Bedroom	8	4 Closet Door	Wood	Stain/varnish	-0.19	Negative
Rear Bedroom	8	4 Clo Dr Csng	Wood	Intact	0.21	Negative
Rear Bedroom	8	4 Wall-upper	Sheetrk	Intact	-0.34	Negative
Rear Bedroom	8	4 Wall-lower	Sheetrk	Intact	0.08	Negative
Rear Bedroom	8	4 Baseboard	Wood	Intact	0.03	Negative
Rear Bedroom	8	4 Floor	Wood	Stain/varnish	-0.45	Negative
Hall	9	1 Door	Wood	Intact	0.16	Negative
Hall	9	1 Door Jamb	Wood	Intact	0.27	Negative
Hall	9	1 Door Casing	Wood	Intact	0.03	Negative
Hall	9	1 Wall	Sheetrk	Intact	0.71	Negative
Hall	9	1 Wall	Sheetrk	Intact	-0.33	Negative
Hall	9	4 Shelf	Wood	Intact	0.09	Negative
Hall	9	3 Door	Wood	non-intact	-0.27	Negative
Hall	9	3 Door Casing	Wood	Intact	0.14	Negative
Hall	9	4 Wall	Sheetrk	Intact	-0.16	Negative
Hall	9	4 Floor	Wood	non-intact	0.2	Negative
Stairway	10	4 Wall	Masonry	Non-intact	0.78	Negative
Stairway	10	3 Stair Tread	Wood	Stain/varnish	-0.02	Negative
Stairway	10	3 Stair Riser	Wood	Stain/varnish	0.69	Negative
Stairway	10	3 Wall	Masonry	Non-intact	0.31	Negative
Stairway	10	3 Wall	Masonry	Non-intact	-0.04	Negative
Stairway	**10**	**3 Door**	**Wood**	**Non-intact**	**1.66**	**Positive**
Stairway	10	3 Door	Wood	Non-intact	0.72	Negative
Stairway	10	1 Door	Wood	Non-intact	-0.03	Negative
Stairway	10	1 Wall	Wood	Non-intact	-0.18	Negative
Stairway	10	2 Window Trim	Wood	Non-intact	0.69	Negative

120 Sutton Ave., Stratford, Connecticut

May 14, 2014

Room Type	Room #	Wall #	Componment	Substrate	Condition	K Shell	Decision
Calibration						1.24	okay
3rd Fl, Front BR	1	1	Window Sill	Wood	Intact	0.1	Negative
3rd Fl, Front BR	1	1	Window Sash	Wood	Intact	0.3	Negative
3rd Fl, Front BR	1	1	Window Trim	Wood	Intact	-0.06	Negative
3rd Fl, Front BR	1	1	Window Apron	Wood	Intact	-0.23	Negative
3rd Fl, Front BR	1	1	Wall	Sheetrk	Intact	-0.61	Negative
3rd Fl, Front BR	1	1	Baseboard	Wood	Intact	0.08	Negative
3rd Fl, Front BR	1	2	Wall	Sheetrk	Intact	0.16	Negative
3rd Fl, Front BR	1	1	Ceiling	Other	Intact	-0.16	Negative
3rd Fl, Front BR	1	4	Closet Door	Wood	Intact	0.12	Negative
3rd Fl, Front BR	1	4	Clo Dr CSng	Wood	Intact	0.02	Negative
3rd Fl, Front BR	1	4	Ceiling	Sheetrk	Intact	-0.01	Negative
3rd Fl, Front BR	1	4	Wall	Other	Intact	-0.05	Negative
3rd Fl, Front BR	1	4	Baseboard	Wood	Intact	-0.08	Negative
3rd Fl, Front BR	1	1	Ceiling	Other	Intact	-0.07	Negative
3rd Fl, Front BR	1	3	Wall	Wood	Intact	-0.25	Negative
3rd Fl, Front BR	1	3	Baseboard	Wood	Intact	0.05	Negative
3rd Fl, Front BR	1	2	Closet Door	Wood	Intact	-0.13	Negative
3rd Fl, Front BR	1	2	Clo Dr Csng	Wood	Intact	-0.01	Negative
3rd Fl, Front BR	1	2	Clo Dr Jamb	Wood	Intact	0.13	Negative
3rd Fl,Front Stairway	2	3	Wall	Sheetrk	Intact	0.08	Negative
3rd Fl,Front Stairway	2	1	Ceiling	Sheetrk	Intact	-0.1	Negative
3rd Fl,Front Stairway	2	2	Wall	Sheetrk	Intact	0.14	Negative
3rd Fl,Front Stairway	2	1	Stair Tread	Wood	Stain/varnish	0	Negative
3rd Fl,Front Stairway	2	1	Stair Riser	Wood	Stain/varnish	0.3	Negative
3rd Fl,Front Stairway	2	1	Stair Stringer	Wood	Stain/varnish	0.34	Negative
3rd Fl,Front Stairway	2	1	Spindle	Wood	Stain/varnish	-0.34	Negative
3rd Fl,Front Stairway	2	1	Railing	Wood	Stain/varnish	0.02	Negative
3rd Fl,Front Stairway	2	1	Newel Post	Wood	Stain/varnish	-0.09	Negative
3rd Fl, Living Room	3	4	Wall	Sheetrk	Intact	-0.45	Negative
3rd Fl, Living Room	3	4	Baseboard	Wood	Intact	-0.31	Negative
3rd Fl, Living Room	3	1	Door Casing	Wood	Intact	-0.13	Negative
3rd Fl, Living Room	3	1	Door Jamb	Wood	Intact	0.15	Negative
3rd Fl, Living Room	3	1	Wall-upper	Wood	Intact	0.01	Negative
3rd Fl, Living Room	3	1	Wall-lower	Wood	Intact	0.06	Negative
3rd Fl, Living Room	3	1	Baseboard	Wood	Intact	-0.41	Negative
3rd Fl, Living Room	3	2	Window Sill	Wood	Intact	-0.21	Negative
3rd Fl, Living Room	3	2	Wiindow Sash	Wood	Intact	-0.03	Negative
3rd Fl, Living Room	3	2	Wndow Trim	Wood	Intact	0.14	Negative
3rd Fl, Living Room	**3**	**2**	**Window Well**	**Wood**	**Non-intact**	**4.04**	**Positive**
3rd Fl, Living Room	3	2	Exterior Sash	Wood	Non-intact	0.21	Negative
3rd Fl, Living Room	3	2	Wall	Wood	Intact	0.21	Negative

3rd Fl, Living Room	3	3	Wall	Sheetrk	Intact	-0.02	Negative
3rd Fl, Living Room	3	3	Closet Door	Wood	Intact	0.09	Negative
3rd Fl, Living Room	3	3	Clo Dr Csng	Wood	Intact	-0.18	Negative
3rd Fl, Living Room	3	3	Door	Wood	Intact	0.01	Negative
3rd Fl, Living Room	3	3	Ceiling	Sheetrk	Intact	-0.3	Negative
3rd Fl, Living Room	3	3	Ceiling Trim	Wood	Intact	0.11	Negative
3rd Fl, Living Room	3	3	Ceiling Trim	Wood	Intact	-0.3	Negative
3rd Fl,Middle Rm- Den	4	1	Door	Wood	Intact	-0.16	Negative
3rd Fl,Middle Rm- Den	4	1	Door Jamb	Wood	Intact	-0.19	Negative
3rd Fl,Middle Rm- Den	4	1	Door Casing	Wood	Intact	0.23	Negative
3rd Fl,Middle Rm- Den	4	2	Wall	Wood	Intact	-0.52	Negative
3rd Fl,Middle Rm- Den	4	2	Door Casing	Wood	Intact	-0.38	Negative
3rd Fl,Middle Rm- Den	4	3	Wall	Wood	Intact	0.09	Negative
3rd Fl,Middle Rm- Den	4	4	Wall	Wood	Intact	0.2	Negative
3rd Fl,Middle Rm- Den	4	1	Ceiling	Wood	Intact	-0.02	Negative
3rd Fl,Middle Rm- Den	4	1	Baseboard	Wood	Intact	0.07	Negative
3rd Fl, Right Bedroom	5	3	Door	Wood	Intact	-0.06	Negative
3rd Fl, Right Bedroom	5	3	Door Jamb	Wood	Intact	0	Negative
3rd Fl, Right Bedroom	5	3	Door Casing	Wood	Intact	-0.13	Negative
3rd Fl, Right Bedroom	5	3	Wall-upper	Sheetrk	Intact	0	Negative
3rd Fl, Right Bedroom	5	3	Wall-lower	Wood	Intact	-0.03	Negative
3rd Fl, Right Bedroom	5	3	Baseboard	Wood	Intact	-0.15	Negative
3rd Fl, Right Bedroom	5	1	Floor	Wood	Stain/varnish	-0.01	Negative
3rd Fl, Right Bedroom	5	4	Window Sill	Wood	Intact	0.06	Negative
3rd Fl, Right Bedroom	5	4	Window Sash	Wood	Intact	-0.05	Negative
3rd Fl, Right Bedroom	5	4	Window Trim	Wood	Intact	-0.11	Negative
3rd Fl, Right Bedroom	5	4	Window Apron	Wood	Intact	0.31	Negative
3rd Fl, Right Bedroom	5	1	Wall-upper	Sheetrk	Intact	0.24	Negative
3rd Fl, Right Bedroom	5	1	Wall-lower	Wood	Intact	-0.01	Negative
3rd Fl, Right Bedroom	5	1	Baseboard	Sheetrk	Intact	0.07	Negative
3rd Fl, Right Bedroom	5	1	Closet Door	Wood	Intact	0.03	Negative
3rd Fl, Right Bedroom	5	1	Clo Dr Csng	Wood	Intact	0.04	Negative
3rd Fl, Right Bedroom	5	1	Shelf Support	Wood	Intact	0.14	Negative
3rd Fl, Right Bedroom	5	1	Ceiling	Sheetrk	Intact	0.25	Negative
3rd Fl, Right Bedroom	5	1	Ceiling	Other	Intact	-0.24	Negative
3rd Fl, Right Bedroom	5	2	Wall-upper	Sheetrk	Intact	-0.13	Negative
3rd Fl, Right Bedroom	5	2	Wall-lower	Wood	Intact	0	Negative
3rd Fl, Right Bedroom	5	1	Floor	Wood	Stain/varnish	0.19	Negative
3rd Fl, Bath	6	4	Door	Wood	Intact	-0.17	Negative
3rd Fl, Bath	6	4	Door Jamb	Wood	Intact	-0.33	Negative
3rd Fl, Bath	6	4	Door Casing	Wood	Intact	-0.12	Negative
3rd Fl, Bath	6	4	Wall	Sheetrk	Intact	0.02	Negative
3rd Fl, Bath	6	3	Wall	Sheetrk	Intact	-0.15	Negative
3rd Fl, Bath	6	3	Cabinet	Wood	Intact	0.12	Negative

3rd Fl, Bath	6	2	Wall	Sheetrk	Intact	0.02	Negative
3rd Fl, Bath	6	1	Wall	Sheetrk	Intact	0.15	Negative
3rd Fl, Salon	7	4	Door	Wood	Intact	-0.33	Negative
3rd Fl, Salon	7	4	Door Casing	Wood	Intact	-0.14	Negative
3rd Fl, Salon	7	4	Wall	Sheetrk	Intact	-0.02	Negative
3rd Fl, Salon	7	3	Wall	Sheetrk	Intact	0.28	Negative
3rd Fl, Salon	7	3	Window Sill	Wood	Intact	0.08	Negative
3rd Fl, Salon	7	3	Window Trim	Wood	Intact	0.24	Negative
3rd Fl, Salon	7	3	Baseboard	Wood	Intact	-0.14	Negative
3rd Fl, Salon	7	2	Wall	Sheetrk	Intact	0.22	Negative
3rd Fl, Salon	7	2	Ceiling	Sheetrk	Intact	-0.2	Negative
3rd Fl, Salon	7	2	Ceiling Trim	Wood	Intact	-0.12	Negative
3rd Fl, Rear Stairs	8	2	Door	Wood	Intact	-0.16	Negative
3rd Fl, Rear Stairs	8	2	Door Jamb	Wood	Intact	0.08	Negative
3rd Fl, Rear Stairs	8	2	Door Casing	Wood	Intact	0.11	Negative
3rd Fl, Rear Stairs	8	2	Wall	Sheetrk	Intact	-0.24	Negative
3rd Fl, Rear Stairs	8	2	Railing	Wood	Intact	-0.37	Negative
3rd Fl, Rear Stairs	8	4	Wall	Sheetrk	Intact	0.18	Negative
3rd Fl, Rear Stairs	8	1	Ceiling	Sheetrk	Intact	0.05	Negative
3rd Fl, Rear Stairs	8	1	Stair Tread	Wood	Intact	0.14	Negative
3rd Fl, Rear Stairs	8	1	Stair Riser	Wood	Intact	0	Negative
3rd Fl, Rear Stairs	8	1	Stair Stringer	Wood	Intact	0.17	Negative
2nd Fl Front Porch	**9**	**3**	**Door Casing**	**Wood**	**Intact**	**16.98**	**Positive**
2nd Fl Front Porch	**9**	**3**	**Door Jamb**	**Wood**	**Intact**	**15.01**	**Positive**
2nd Fl Front Porch	9	3	Wall	Wood	Intact	0.17	Negative
2nd Fl Front Porch	**9**	**3**	**Ceiling**	**Wood**	**Intact**	**7.53**	**Positive**
2nd Fl Front Porch	**9**	**3**	**Door**	**Wood**	**Intact**	**13.65**	**Positive**
2nd Fl Front Porch	**9**	**3**	**Threshold**	**Wood**	**Intact**	**11.29**	**Positive**
2nd Fl Front Porch	**9**	**3**	**Kickplate**	**Wood**	**Intact**	**13.2**	**Positive**
2nd Fl Front Porch	**9**	**4**	**Window Sill**	**Wood**	**Intact**	**11.8**	**Positive**
2nd Fl Front Porch	**9**	**3**	**Window Sill**	**Wood**	**Intact**	**8.67**	**Positive**
2nd Fl Front Porch	**9**	**2**	**Window Sill**	**Wood**	**Intact**	**13.6**	**Positive**
2nd Fl Front Porch	9	1	Window Trim	Wood	Intact	-0.35	Negative
2nd Fl Front Porch	**9**	**3**	**Post/column**	**Wood**	**Intact**	**13.6**	**Positive**
2nd Fl Front Porch	**9**	**3**	**Wall**	**Wood**	**Intact**	**11.68**	**Positive**
2nd Fl Front Porch	**9**	**3**	**Baseboard**	**Wood**	**Intact**	**2.25**	**Positive**
2nd Fl Front Porch	**9**	**3**	**Wall**	**Wood**	**Intact**	**11.98**	**Positive**
2nd Fl Landing	10	3	Door	Wood	Stain/varnish	0.66	Negative
2nd Fl Landing	10	3	Door Casing	Wood	Stain/varnish	-0.29	Negative
2nd Fl Landing	10	1	Wall	Sheetrk	Intact	-0.16	Negative
2nd Fl Landing	10	4	Wall	Sheetrk	Intact	0.02	Negative
2nd Fl Landing	10	4	Door	Wood	Stain/varnish	0.19	Negative
2nd Fl Landing	10	4	Door Casing	Wood	Stain/varnish	0.01	Negative

2nd Fl Landing	10	4	Floor	Wood	Stain/varnish	0.22	Negative
2nd Fl Landing	10	3	Door	Wood	Stain/varnish	-0.23	Negative
2nd Fl Landing	10	3	Door Casing	Wood	Stain/varnish	0.13	Negative
2nd Fl Landing	10	4	Door	Metal	Intact	-0.01	Negative
2nd Fl Landing	10	4	Door Casing	Wood	Intact	0.09	Negative
2nd Fl Landing	10	3	Wall	Sheetrk	Intact	-0.15	Negative
2nd Fl Landing	10	3	Ceiling	Sheetrk	Intact	-0.36	Negative
2nd Fl Landing	10	3	Post/column	Wood	Stain/varnish	0.27	Negative
2nd Fl Landing	10	3	Spindle	Wood	Stain/varnish	-0.16	Negative
2nd Fl Landing	10	3	Railing	Wood	Stain/varnish	0.09	Negative
2nd Fl Landing	10	2	Wall	Sheetrk	Intact	0.07	Negative
2nd Fl Landing	10	1	Ceiling	Wood	Non-intact	0.03	Negative
2nd Fl Living Room	11	3	Post/column	Wood	Stain/varnish	0.18	Negative
2nd Fl Living Room	11	3	Door Casing	Wood	Stain/varnish	0.06	Negative
2nd Fl Living Room	11	3	Wall	Sheetrk	Intact	-0.1	Negative
2nd Fl Living Room	11	4	Wall	Sheetrk	Intact	0.05	Negative
2nd Fl Living Room	11	4	Window Trim	Wood	Stain/varnish	-0.02	Negative
2nd Fl Living Room	11	1	Wall	Sheetrk	Intact	0.22	Negative
2nd Fl Living Room	11	1	Window Sill	Wood	Stain/varnish	0.52	Negative
2nd Fl Living Room	11	1	Window Sash	Wood	Stain/varnish	0	Negative
2nd Fl Living Room	11	1	Window Trim	Wood	Stain/varnish	0.1	Negative
2nd Fl Living Room	**11**	**1**	**Window Well**	**Wood**	**Non-intact**	**4.61**	**Positive**
2nd Fl Living Room	11	1	Ext Window Sash	Wood	Non-intact	0.64	Negative
2nd Fl Living Room	11	1	Baseboard	Wood	Stain/varnish	0.13	Negative
2nd Fl Living Room	11	1	Floor	Wood	Stain/varnish	0.12	Negative
2nd Fl Living Room	11	2	Wall	Sheetrk	Intact	0.16	Negative
2nd Fl Living Room	11	2	Door	Wood	Stain/varnish	-0.08	Negative
2nd Fl Living Room	11	2	Door Casing	Wood	Stain/varnish	0.07	Negative
2nd Fl Living Room	11	1	Ceiling	Other	Intact	0.23	Negative
2nd Fl Dining Room	12	1	Wall- upper	Sheetrk	Intact	0.01	Negative
2nd Fl Dining Room	12	1	Wall-lower	Other	Intact	-0.22	Negative
2nd Fl Dining Room	12	2	Door	Metal	Intact	0	Negative
2nd Fl Dining Room	12	2	Door Casing	Wood	Stain/varnish	0.18	Negative
2nd Fl Dining Room	12	2	Wall-upper	Sheetrk	Intact	0	Negative
2nd Fl Dining Room	12	2	Wall-lower	Other	Intact	-0.01	Negative
2nd Fl Dining Room	12	2	Baseboard	Wood	Stain/varnish	-0.48	Negative
2nd Fl Dining Room	12	2	Ceiling	Other	Intact	0.13	Negative
2nd Fl Dining Room	12	1	Cabinet	Wood	Stain/varnish	-0.02	Negative
2nd Fl Dining Room	12	3	Wall-upper	Sheetrk	Intact	0.26	Negative
2nd Fl Dining Room	12	3	Wall-lower	Other	Intact	-0.24	Negative
2nd Fl Dining Room	12	3	Baseboard	Wood	Stain/varnish	-0.09	Negative
2nd Fl Dining Room	12	4	Wall	Sheetrk	Intact	-0.05	Negative
2nd Fl Dining Room	12	4	Window Sill	Wood	Stain/varnish	0.07	Negative
2nd Fl Dining Room	12	4	Window Sash	Wood	Stain/varnish	0.03	Negative
2nd Fl Dining Room	12	4	Window Trim	Wood	Stain/varnish	0.24	Negative

2nd Fl Dining Room	**12**	**4**	**Window Wall**	**Wood**	**Non-intact**	**8.9**	**Positive**
2nd Fl Dining Room	**12**	**4**	**Window Jamb**	**Wood**	**Non-intact**	**7.46**	**Positive**
2nd Fl Dining Room	12	4	Baseboard	Wood	Stain/varnish	-0.02	Negative
2nd Fl Dining Room	12	4	Floor	Wood	Stain/varnish	0.22	Negative
2nd Fl Kitchen	13	1	Door Jamb	Wood	Intact	-0.08	Negative
2nd Fl Kitchen	13	1	Door Casing	Wood	Intact	-0.26	Negative
2nd Fl Kitchen	13	1	Wall-upper	Sheetrk	Intact	0.04	Negative
2nd Fl Kitchen	13	2	Wall-lower	Sheetrk	Intact	0.56	Negative
2nd Fl Kitchen	13	2	Door	Wood	Intact	0.03	Negative
2nd Fl Kitchen	13	2	Door Casing	Wood	Intact	-0.34	Negative
2nd Fl Kitchen	**13**	**2**	**Wall-upper**	**Wood**	**Intact**	**2.78**	**Positive**
2nd Fl Kitchen	13	2	Wall-lower	Wood	Intact	0.14	Negative
2nd Fl Kitchen	13	2	Baseboard	Wood	Intact	0.09	Negative
2nd Fl Kitchen	13	3	Door	Wood	Intact	0.14	Negative
2nd Fl Kitchen	13	3	Door Casing	Wood	Intact	0.1	Negative
2nd Fl Kitchen	13	3	Wall-upper	Wood	Intact	0.39	Negative
2nd Fl Kitchen	13	3	Wall-lower	Wood	Intact	0.62	Negative
2nd Fl Kitchen	13	3	Cabinet	Wood	Intact	0.13	Negative
2nd Fl Kitchen	**13**	**4**	**Wall-upper**	**Sheetrk**	**Intact**	**2.06**	**Positive**
2nd Fl Kitchen	13	4	Wall-lower	Wood	Intact	0.01	Negative
2nd Fl Kitchen	13	4	Baseboard	Wood	Intact	0.01	Negative
2nd Fl Kitchen	13	5	Window Sill	Wood	Intact	-0.02	Negative
2nd Fl Kitchen	13	5	Window Sash	Wood	Intact	0.42	Negative
2nd Fl Kitchen	13	5	Window Trim	Wood	Intact	0.07	Negative
2nd Fl Kitchen	**13**	**4**	**Window Wall**	**Wood**	**Intact**	**13.09**	**Positive**
Pantry	14	4	Door Casing	Wood	Intact	-0.22	Negative
Pantry	**14**	**4**	**Wall**	**Sheetrk**	**Non-intact**	**3.09**	**Positive**
Pantry	14	4	Window Sill	Wood	Non-intact	0.16	Negative
Pantry	14	4	Wndow Sash	Wood	Non-intact	0.46	Negative
Pantry	14	4	Window Trim	Wood	Non-intact	-0.06	Negative
Pantry	**14**	**4**	**Window Well**	**Wood**	**Non-intact**	**8.89**	**Positive**
Pantry	**14**	**4**	**Window Jamb**	**Wood**	**Non-intact**	**4.7**	**Positive**
Pantry	14	3	Cabinet	Wood	Intact	-0.31	Negative
Pantry	**14**	**3**	**Wall**	**Sheetrk**	**Intact**	**2.27**	**Positive**
Pantry	**14**	**2**	**Wall**	**Sheetrk**	**Non-intact**	**1.94**	**Positive**
Pantry	14	2	Shelf	Wood	Non-intact	-0.1	Negative
Pantry	14	2	Baseboard	Wood	Non-intact	0.01	Negative
Pantry	**14**	**1**	**Wall**	**Sheetrk**	**Intact**	**3.25**	**Positive**
2nd Fl Front BR	15	3	Door	Wood	Intact	0.13	Negative
2nd Fl Front BR	15	3	Door Jamb	Wood	Non-intact	-0.02	Negative
2nd Fl Front BR	15	3	Door Casing	Wood	Stain/varnish	-0.11	Negative
2nd Fl Front BR	15	3	Wall	Sheetrk	Intact	0.1	Negative
2nd Fl Front BR	15	3	Baseboard	Wood	Stain/varnish	-0.16	Negative
2nd Fl Front BR	15	1	Floor	Wood	Stain/varnish	-0.25	Negative

2nd Fl Front BR	15	4	Wall	Sheetrk	Intact	0.15	Negative
2nd Fl Front BR	15	4	Baseboard	Wood	Stain/varnish	0.23	Negative
2nd Fl Front BR	15	1	Wall	Sheetrk	Intact	-0.33	Negative
2nd Fl Front BR	15	1	Closet Door	Wood	Stain/varnish	-0.04	Negative
2nd Fl Front BR	15	1	Clo Dr Csng	Wood	Stain/varnish	0.08	Negative
2nd Fl Front BR	15	1	Ceiling	Sheetrk	Intact	-0.29	Negative
2nd Fl Front BR	15	2	Window Sash	Wood	Stain/varnish	0.36	Negative
2nd Fl Front BR	15	2	Wndow Trim	Wood	Stain/varnish	0.49	Negative
2nd Fl Front BR	15	2	Wall	Sheetrk	Intact	-0.39	Negative
2nd Fl Front BR	15	1	Floor	Wood	Stain/varnish	0.2	Negative
2nd Fl Bathroom	16	4	Door	Wood	Non-intact	0.27	Negative
2nd Fl Bathroom	16	4	Door Jamb	Wood	Intact	0.21	Negative
2nd Fl Bathroom	16	4	Door Casing	Wood	Intact	0.25	Negative
2nd Fl Bathroom	16	4	Wall	Sheetrk	Intact	-0.07	Negative
2nd Fl Bathroom	16	1	Wall	Sheetrk	Intact	0.38	Negative
2nd Fl Bathroom	16	1	Cabinet	Wood	Stain/varnish	0.28	Negative
2nd Fl Bathroom	16	1	Ceiling	Sheetrk	Intact	0.23	Negative
2nd Fl Bathroom	16	2	Window Sill	Wood	Intact	-0.03	Negative
2nd Fl Bathroom	16	2	Window Sash	Wood	Intact	0.14	Negative
2nd Fl Bathroom	16	2	Window Trim	Wood	intact	0.19	Negative
2nd Fl Bathroom	**16**	**2**	**Window Well**	**Wood**	**Non-intact**	**17.26**	**Positive**
2nd Fl Bathroom	**16**	**2**	**Window Jamb**	**Wood**	**Non-intact**	**5.49**	**Positive**
2nd Fl Bathroom	16	2	Window Stop	Wood	Intact	0.18	Negative
2nd Fl Bathroom	16	2	Shelf Support	Wood	Intact	0.01	Negative
2nd Fl Bathroom	16	3	Wall	Sheetrk	Intact	0.14	Negative
2nd Fl Rear Bedroom	17	1	Door	Wood	Intact	0.05	Negative
2nd Fl Rear Bedroom	17	1	Door Casing	Wood	Intact	-0.06	Negative
2nd Fl Rear Bedroom	17	1	Wall	Wood	Intact	-0.16	Negative
2nd Fl Rear Bedroom	17	1	Baseboard	Wood	Intact	0.09	Negative
2nd Fl Rear Bedroom	17	2	Wall	Wood	Intact	-0.24	Negative
2nd Fl Rear Bedroom	17	2	Baseboard	Wood	Intact	0.17	Negative
2nd Fl Rear Bedroom	17	2	Window Trim	Wood	Intact	0.42	Negative
2nd Fl Rear Bedroom	17	2	Window Sash	Wood	Intact	-0.19	Negative
2nd Fl Rear Bedroom	17	2	Window Trim	Wood	Intact	0.15	Negative
2nd Fl Rear Bedroom	17	2	Window Sash	Wood	Intact	0.19	Negative
2nd Fl Rear Bedroom	17	3	Wall	Wood	Intact	0.16	Negative
2nd Fl Rear Bedroom	17	4	Closet Door	Wood	Intact	-0.16	Negative
2nd Fl Rear Bedroom	17	4	Clo Dr Csng	Wood	Intact	-0.07	Negative
2nd Fl Rear Bedroom	17	4	Wall	Wood	Intact	-0.21	Negative
2nd Fl Rear Bedroom	17	4	Baseboard	Wood	Intact	0.07	Negative
3rd Fl Rear Bedroom	17	4	Ceiling	Sheetrk	Intact	0.11	Negative
2nd Fl Rear Hall	18	1	Floor	Wood	non-intact	0.23	Negative
2nd Fl Rear Hall	18	2	Wall	Wood	Intact	0.75	Negative
2nd Fl Rear Hall	18	2	Wall	sheetrk	Intact	-0.11	Negative

2nd Fl Rear Hall	18	4	Baseboard	Wood	Intact	-0.08	Negative
2nd Fl Rear Hall	18	2	Wall	Wood	Intact	0.82	Negative
2nd Fl Rear Hall	18	3	Baseboard	Wood	Intact	0.25	Negative
2nd Fl Rear Hall	**18**	**3**	**Door**	**Wood**	**Intact**	**2.52**	**Positive**
2nd Fl Rear Hall	18	3	Door Casing	Wood	Intact	0.4	Negative
2nd Fl Rear Porch	**19**	**1**	**Door**	**Wood**	**Non-intact**	**13.36**	**Positive**
2nd Fl Rear Porch	**19**	**1**	**Door Jamb**	**Wood**	**Non-intact**	**14.45**	**Positive**
2nd Fl Rear Porch	**19**	**1**	**Door Casing**	**Wood**	**Intact**	**1.7**	**Positive**
2nd Fl Rear Porch	19	1	Floor	Wood	Intact	0.47	Negative
2nd Fl Rear Porch	**19**	**1**	**Threshold**	**Wood**	**Non-intact**	**9.86**	**Positive**
2nd Fl Rear Porch	**19**	**1**	**KickPlate**	**Wood**	**Non-intact**	**1.9**	**Positive**
2nd Fl Rear Porch	**19**	**1**	**Ceiling**	**Wood**	**Intact**	**6.08**	**Positive**
2nd Fl Rear Porch	**19**	**1**	**Post/column**	**Wood**	**Intact**	**11.8**	**Positive**
			***new Railings**				

118-120 Sutton Avenue, Exterior , Stratford, Connecticut

May 14, 2014

Room Type	Wall #	Component	Substrate	Condition	K Shell	Decision
Calibration					1.08	Okay
Exterior	Rear	Door	Wood	Non-intact	0.06	Negative
Exterior	**Rear**	**Door Jamb**	**Wood**	**Non-intact**	**19.14**	**Positive**
Exterior	**Rear**	**Door Casing**	**Wood**	**Intact**	**14.49**	**Positive**
Exterior	Rear	Post/column	Wood	Intact	0.47	Negative
Exterior	Rear	Ceiling	Wood	Intact	-0.04	Negative
Exterior	**Rear**	**Wall**	**Other**	**Intact**	**2.31**	**Positive**
Exterior	Rear	Bilco Door	Metal	Non-intact	0.8	Negative
Exterior	Right	Window Sill	Wood	Non-intact	0.21	Negative
Exterior	**Right**	**Clapboard**	**Other**	**Intact**	**2.25**	**Positive**
Exterior	**Right**	**Window Trim**	**Wood**	**Non-intact**	**9.65**	**Positive**
Exterior	Front	Stair Tread	Wood	Non-intact	0.27	Negative
Exterior	Front	Stair Riser	Wood	Non-intact	-0.01	Negative
Exterior	**Front**	**Floor**	**Wood**	**Non-intact**	**1.38**	**Positive**
Exterior	Front	Rail Top	Wood	Intact	0.19	Negative
Exterior	**Front**	**Post/column**	**Wood**	**Intact**	**14.73**	**Positive**
Exterior	**Front**	**Wall**	**Wood**	**Intact**	**10.46**	**Positive**
Exterior	**Front**	**Floor**	**Wood**	**Non-intact**	**9.9**	**Positive**
Exterior	**Front**	**Basement wnd**	**Steel**	**Non-intact**	**1.29**	**Positive**
Exterior	**Front**	**Ceiling**	**Wood**	**Non-intact**	**8.24**	**Positive**
Exterior	**Front**	**trim**	**Wood**	**Non-intact**	**14.73**	**Positive**
Exterior	**Front**	**trim**	**Wood**	**Non-intact**	**5.44**	**Positive**
Exterior	Front	Door	Wood	Stain/varnish	-0.1	Negative
Exterior	**Front**	**Door Jamb**	**Wood**	**Stain/varnish**	**13.86**	**Positive**
Exterior	Front	Threshold	Wood	Stain/varnish	0.31	Negative
Exterior	**Front**	**Door Casing**	**Wood**	**Intact**	**15.5**	**Positive**
Exterior	**Front**	**Clapboard**	**Wood**	**Intact**	**3.95**	**Positive**
Exterior	**Left**	**Clapboard**	**Other**	**Intact**	**2.1**	**Positive**
Exterior	**Left**	**Basement wnd**	**Wood**	**Non-intact**	**5.87**	**Positive**
Exterior	**Left**	**Wall**	**Wood**	**Non-intact**	**1.39**	**Positive**
Garage	1	Garage Door	Wood	Intact	0.12	Negative
Garage	2	Door	Wood	Intact	-0.13	Negative
Garage	2	Door Casing	Wood	Intact	0.03	Negative
Garage	2	Window Sash	Wood	Non-intact	0.03	Negative
Garage	3	Door	Metal	Non-intact	0.8	Negative

MANAGEMENT PLAN

FOR

INTACT LEAD-BASED PAINT CONTAINING SURFACES

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

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

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

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

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

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 F

PCB 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# 4050461

Report Date: May 28, 2014
Project: 22214
Project Number: 22214-2130

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

New York Certification: 11982
Florida Laboratory Certification: E871064

SAMPLE SUMMARY

The sample(s) were received at 4.2°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
20140513-P1	4050461-01	Solid	5/13/2014	05/20/2014
20140513-P2	4050461-02	Solid	5/13/2014	05/20/2014
20140513-P3	4050461-03	Solid	5/13/2014	05/20/2014

Client Sample ID 20140513-P1
Lab ID: 4050461-01

PCBs by Soxhlet **Analyst: CA**

Method: EPA 8082A **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	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:34	
PCB-1221	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:34	
PCB-1232	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:34	
PCB-1242	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:34	
PCB-1248	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:34	
PCB-1254	**0.62**	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:34	
PCB-1260	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:34	
PCB-1268	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:34	
PCB-1262	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:34	
Surrogate: TCMX	*79.9 %*	*50 - 150*			B4E2228	05/22/2014	*05/27/2014 14:34*	
Surrogate: DCB	*85.6 %*	*50 - 150*			B4E2228	05/22/2014	*05/27/2014 14:34*	

Client Sample ID 20140513-P2
Lab ID: 4050461-02

PCBs by Soxhlet **Analyst: CA**

Method: EPA 8082A **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	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:52	
PCB-1221	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:52	
PCB-1232	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:52	
PCB-1242	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:52	
PCB-1248	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:52	
PCB-1254	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:52	
PCB-1260	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:52	
PCB-1268	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:52	
PCB-1262	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 14:52	
Surrogate: TCMX	*88.1 %*	*50 - 150*			B4E2228	05/22/2014	*05/27/2014 14:52*	
Surrogate: DCB	*83.6 %*	*50 - 150*			B4E2228	05/22/2014	*05/27/2014 14:52*	

Client Sample ID 20140513-P3
Lab ID: 4050461-03

PCBs by Soxhlet **Analyst: CA**

Method: EPA 8082A **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	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 15:11	
PCB-1221	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 15:11	
PCB-1232	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 15:11	
PCB-1242	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 15:11	
PCB-1248	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 15:11	
PCB-1254	**0.53**	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 15:11	
PCB-1260	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 15:11	
PCB-1268	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 15:11	
PCB-1262	ND	0.50	2.5	EPA 3540C	B4E2228	05/22/2014	05/27/2014 15:11	
Surrogate: TCMX	*90.4 %*	*50 - 150*			B4E2228	05/22/2014	*05/27/2014 15:11*	
Surrogate: DCB	*75.9 %*	*50 - 150*			B4E2228	05/22/2014	*05/27/2014 15:11*	

QUALITY CONTROL SECTION

Batch B4E2228 - EPA 8082A

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4E2228-BLK1)					Prepared: 5/22/2014 Analyzed: 5/27/2014				
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							
Surrogate: TCMX					*97.4*	*50 - 150*			
Surrogate: DCB					*85.0*	*50 - 150*			
LCS (B4E2228-BS1)					Prepared: 5/22/2014 Analyzed: 5/27/2014				
PCB-1016	0.924	0.20	1.000		92.4	50 - 150			
PCB-1260	0.865	0.20	1.000		86.5	50 - 150			
Surrogate: TCMX					*97.5*	*50 - 150*			
Surrogate: DCB					*80.6*	*50 - 150*			
Calibration Check (B4E2228-CCV1)					Prepared: 5/22/2014 Analyzed: 5/27/2014				
PCB-1016	1.12	0.20	1.000		112	80 - 120			
PCB-1260	0.887	0.20	1.000		88.7	80 - 120			
Surrogate: TCMX					*119*	*50 - 150*			
Surrogate: DCB					*82.9*	*50 - 150*			

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

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	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	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 from the duplicate analysis of a sample.
Result	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.

NELAP ACCREDITED TNI LABORATORY

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

New York Certification 11982
Florida Laboratory Certification E871064

CET #:4050461
Project: 22214
Project Number: 22214-2130

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 Homogenity 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.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

4050461

F 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@cetlabs.com
Bottle Request e-mail: bottleorders@cetlabs.com

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Organics: 8260 CT List, 8260 Aromatics, 8260 Halogens, CT ETPH, 8270 CT List, 8270 PNAs, PCBs, Pesticides, Herbicides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis: RCB by Soxhlet

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	RCB by Soxhlet	TOTAL # OF CONT.	NOTE #
20140513 - P1	5/13/14	Solid				X	X	1	
20140513 - P2	"	"				X	X	1	
20140513 - P3	"	"				X	X	1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

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

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

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Ken Bogue	5/19/14	5-20-14 1510
	5-20-14 1610	

NOTES:

Client / Reporting Information

Company Name: Facility Support Services, LLC

Address: 2685 State St.

City: Hamden State: CT Zip: 06517

Report To: K. Bogue E-mail: KBogue.FSS@SNET.NET

Phone #: 203-298-1281 Fax #:

Project Information

Project Contact: K. Bogue PO #: –

Project: #22214-2130 Project #: –

Location: CT Collector(s): KSB

QA/QC: ☑ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report: ☑ Email ☐ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☒ Other (specify) 1 ppm

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 4.2 °C

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