April 4, 2014

Mr. Larry Mare
Safety and Environmental Services
Bureau of General Services
77 Statehouse Station
Augusta, Maine 04333

Re: Hazardous Materials Assessment for the "Farmhouse" located on the Augusta Mental Health Institute Campus in Augusta, Maine

Dear Mr. Mare:

At your request, CES, Inc. (CES) completed a hazardous materials assessment of the two-story residential structure formerly known as the "Farmhouse" located on the Augusta Mental Health Institute (AMHI) Campus in Augusta, Maine to support the planned renovation of the structure. The hazardous materials assessment included: an asbestos identification survey; Lead-Based Paint (LBP) determination; and potential hazardous materials and Universal Waste (UW) inventory.

ASBESTOS IDENTIFICATION SURVEY

The asbestos identification survey was conducted in accordance with the Maine Department of Environmental Protection (MDEP) Chapter 425 Asbestos Management Regulations (April 3, 2011 revision) and was completed to provide the Bureau of General Services (BGS) with information regarding the presence of Asbestos-Containing Materials (ACM) within the interior and on the exterior of the structure. Ms. Deborah Kasik (CES), an asbestos inspector licensed by the MDEP (AI#-0177), performed the field survey on March 6, 2014. A copy of Ms. Kasik's Asbestos Inspector certification is included in Attachment A. As part of this asbestos survey and in accordance with Chapter 425; MDEP Disclosure Form X (Asbestos Bulk Sampling Protocols) and Form Y (Asbestos Bulk Sample Analysis Protocols) were provided to you for review and signature prior to commencement of the asbestos survey.

Completion of the asbestos identification survey included:

- Visual identification of suspect ACM on the interior and exterior of the building;
- Collection of bulk samples of suspect ACM from the interior and exterior of the building in accordance with MDEP regulations; and
- Quantification of ACM identified by laboratory analysis.

As with any scientific study, an asbestos identification survey is subject to a variety of limitations. Limitations to be considered in interpreting the results of the survey performed on this building include the following:

- Variations in building materials used during construction and subsequent renovations;
- Inaccessible areas within wall cavities and above solid ceilings; and
- The condition of the building at the time of the survey.

The following is a summary of field findings and laboratory analytical results of the asbestos identification survey:

The structure consists of a two-story masonry building with a full, unfinished basement and an attached wood-framed storage area with loft. The building is currently unoccupied. Sixty-six (66) samples of suspect ACM were collected from the interior and exterior of the building.

Suspect ACM sampled included:

- One type of ceiling tile;
- Seven types of floor tile and associated adhesives and felt paper underlayment;
- One type sheet flooring;
- Mudded pipe fitting insulation;
- Sheet rock wallboard;
- Wall and ceiling plaster;
- Furnace cement;
- Window caulking; and
- Asphalt shingle roofing materials.

Bulk samples of suspect ACM collected during the survey were submitted to EMSL Analytical, Inc. (EMSL) of Cinnaminson, New Jersey for analysis. Bulk samples collected during this survey were analyzed using the MDEP required analytical methods: "PLM-EPA 600/R-93/116" (for surfacing, thermal system insulation and cementitious materials) and "PLM NOB-EPA 600/R-93/116" (for non-friable organically bound materials (NOBs)) (e.g., floor tile, adhesives, and roofing) with "gravimetric reduction". Samples were analyzed at the EMSL laboratory, which is certified to perform asbestos analysis by both the National Voluntary Laboratory Accreditation Program (NVLAP) and the American Industrial Hygiene Association (AIHA). EMSL is a MDEP licensed Asbestos Analytical Laboratory (A copy of EMSL's laboratory certifications is included in Attachment B). Laboratory analytical results and chain of custodies are included as Attachment C.

According to the MDEP Chapter 425 Asbestos Management Regulations, bulk samples shall be analyzed until a positive result is obtained or all samples have been analyzed. The MDEP defines ACM as "any material containing asbestos in quantities greater than or equal to one percent (%) by volume as determined by weight, visual evaluation, and/or point count analysis."

Laboratory analytical results indicated that the following materials are asbestos containing:

- Adhesive associated with non-ACM 12-inch by 12-inch (12x12) cream/gray mottled floor tile present over ACM 12x12 floor tile – Room 107;
- 9-inch by 9-inch (9x9) gray with black floor tile present over ACM green floor tile with associated ACM adhesive and felt paper underlayment – Hallway near Room 104; and
- 12-inch x 12-inch (12x12) brown mottled floor tile with associated ACM adhesive and felt paper underlayment – Room 205.

Sample locations and locations of identified ACM are presented on Figure 1 (For ease of identification, CES has numbered each room/area and indicated those numbers on Figure 1).

Identified ACM and estimated removal costs are presented in Table 1:

TABLE 1: ASBESTOS-CONTAINING MATERIALS – AMHI FARMHOUSE BUILDING

Location	Sample Number	Quantity (square feet)	Unit Cost	Total Cost	ACM Material
Room 107	FH002A, FH003A	170	$10	$1,700	ACM floor tile adhesive associated with non-ACM 12x12 floor tile present over ACM floor tiles
Hallway near Room 104	FH007A, FH008A	24	$15	$360	ACM 9x9 gray with black floor tile present over ACM green floor tile with ACM adhesive and felt paper underlayment and
Room 205	FH013A	72	$15	$1,080	ACM 12x12 brown mottled floor tile with ACM adhesive and felt paper underlayment
Estimated Total Abatement Cost:				**$3,140**	

POTENTIAL HAZARDOUS MATERIALS and UNIVERSAL WASTE

During the walkthrough evaluation, CES evaluated the structure for potential hazardous wastes and Universal Wastes.

An inventory of identified materials and associated budgetary cost estimates for removal and disposal are presented in Table 2:

TABLE 2: UNIVERSAL WASTES – AMHI FARMHOUSE BUILDING

Identified Material	Estimated Quantity	Unit Cost	Estimated Total Cost
Fluorescent Light Tubes	2 Linear Feet (LF)	$0.20/LF	$.50
Fluorescent Light Ballasts	2 each (EA)	$5/EA	$10.00
Emergency Lights	3 EA	$10/EA	$30.00
Emergency Exit Signs	5 EA	$10/EA	$50.00
Mercury-Containing Thermostats	2 EA	$10/EA	$20.00
Transportation	1 Pickup	$500/pickup	$500.00
Labor	1 Man Day (MD)	$750/MD	$750.00
		Estimated Total Cost	**$1,360.50**

Prior to building renovation or demolition, light fixtures must be removed and individual ballasts evaluated to confirm the presence or absence of PCBs. Non-PCB light ballasts will be clearly labeled as not containing PCBs. If no such labeling is present, the ballast should be treated as PCB-containing. Fluorescent light bulbs removed for disposal are considered a Universal Waste. Fluorescent light bulbs and paint containers must be removed and packaged for handling and proper disposal. The car batteries present in the basement should be recycled.

LEAD-BASED PAINT DETERMINATION

A LBP determination was conducted by Ms. Deborah A. Kasik (CES), a MDEP certified Lead Risk Assessor. A copy of Ms. Kasik's certification and Radioactive Materials License are included in Attachment D. The purpose of the determination was to identify LBP, if present, on the interior and exterior surfaces of the structure. The LBP determination was performed in accordance with the established protocols outlined in the State of MDEP Lead Management Regulations, Chapter 424, Section 7, and as applicable to this project. The testing provides information on the LBP content and assessment of existing condition for the surfaces tested.

The LBP testing was conducted utilizing a portable X-ray Fluorescence (XRF) Lead Paint Analyzer (RMD LPA-1), which non-destructively tests for the presence of LBP on building surfaces. The XRF analyzer is licensed with the Maine Department of Human Services Radiation Control Program and operated in accordance with all applicable regulations and conditions of licensure. The determination as to whether or not a component contains LBP is based upon the MDEP Lead Management Regulations (Chapter 424) which defines a component as lead-containing if the XRF result is greater than or equal to ($\geq$) 1.0 milligrams per square centimeter (mg/cm^2). A visual assessment of the existing condition of the identified LBP was also completed at the time of the determination. The LBP testing is non-destructive and therefore limitations exist when interpreting the results. Limited assumptions are only made based on both collected data and similarity of components.

The LBP determination report for the building is included as Attachment E. Refer to both the report and associated figures for specific type, location, and condition of building materials tested for LBP.

A summary of identified LBP is presented below by area:

BASEMENT

Cellar Windows with the paint observed to be in fair to poor condition.

FIRST FLOOR

Baseboards, doors, casings, and jambs in all rooms; Kitchen walls (upper and lower) and chair rails; Entry door, casing, jamb, side-lites and transom window; and all exterior window wells, stops, tracks and storms. The paint on these components was observed to be in poor condition.

SECOND FLOOR

Walls, chair rails (where present), baseboards, doors, casings, jambs, attic hatch, fire escape access and all exterior window wells, stops and tracks. One original window unit

with lead-containing interior components (sill, casing, apron, inner stops) is present in Room #208. The paint on these components was observed to be in poor condition.

Windows: with the exception of one window unit, the remaining windows are not original to the house.

EXTERIOR

Clapboard siding present on the dormers (including all trim), fascia, decorative trim, window and door trim (including side lite & transom), cellar window storms, sashes and trim are present on the house section. Clapboard siding located beneath the vinyl, windows, doors and all trim (sills, frames, storms, casings, jambs) are present on the barn section. These components (house and barn) were assessed in fair-poor condition.

LBP was identified on surfaces associated with the structure. Under current federal law for residential structures built before 1978, any renovation work that will impact lead-containing components must be performed by an EPA-certified Renovation, Repair and Painting firm. Due to the historical significance of the building, preservation, rehabilitation and restoration projects affecting this structure may be completed in accordance with the U.S. Department of Interior National Park Service (NPS) Historic Preservation Briefs. Additionally, the following regulations/requirements must be followed in relation to disturbance of LBP during renovation or demolition:

- OSHA 29 CFR 1926.62 requires that an employer protect their personnel from exposure to lead dust during construction or renovation. While primarily an issue for the renovation or abatement contractor, the Owner is responsible to notify all parties involved in the work of the knowledge or presumption that painted surfaces may contain lead.

- The MDEP requires that building components with LBP be disposed in a licensed Construction and Demolition (C&D) Landfill, and that a manifest documenting the transport and disposal of this material be provided to the Owner.

- Lead-Based Paint removed (e.g., scrapped, chipped) from surfaces must be analyzed using a toxicity characteristic leaching procedure (TCLP) test to determine whether the residue is considered a hazardous waste. If TCLP results indicate levels of leachable lead in excess of 5.0 parts per million (ppm), the resulting waste must be disposed of as a hazardous material.

CES completed a hazardous materials assessment of the two-story residential structure formerly known as the "Farmhouse" located on the AMHI campus in Augusta, Maine to support the planned renovation of the structure. The hazardous materials assessment included: an asbestos identification survey; LBP determination; and potential hazardous materials and Universal Waste (UW) inventory. Asbestos-Containing Materials was identified on the interior of the structure are summarized in Table 1. Potential hazardous wastes and Universal Wastes were identified on the interior of the structure and are summarized in Table 2. LBP was identified on interior and exterior surfaces associated with the structure and are summarized in Appendix E.

This report was prepared by CES for the sole use of the BGS, and should not be reproduced without BGS's full, written authorization. Please contact either of the undersigned at (207) 989-4824 if you have any questions related to this project or if additional services are required.

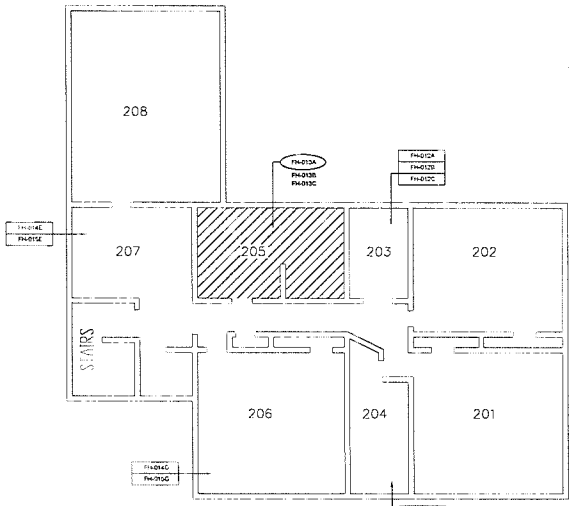
Sincerely,
CES, INC.

Deborah A. Kasik
MDEP Asbestos Inspector AI-0177
MDEP Lead Risk Assessor LR#0003

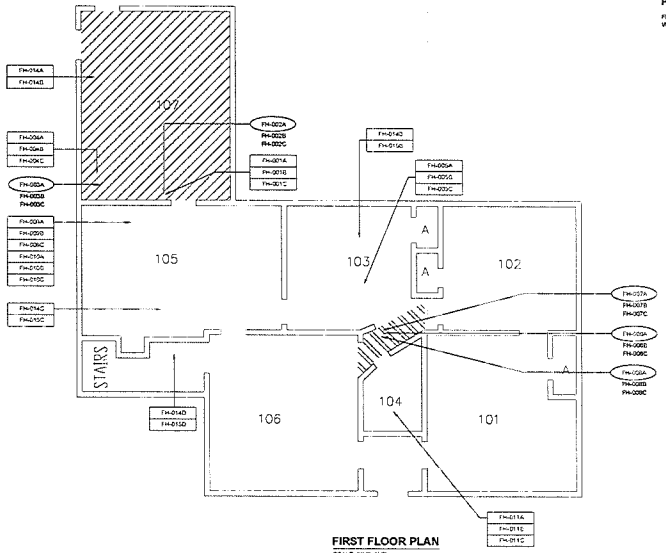
Dennis B. Kingman, Jr.; CHMM
Project Manager
Senior Environmental Scientist

DAK:DBK/jok
Attachments

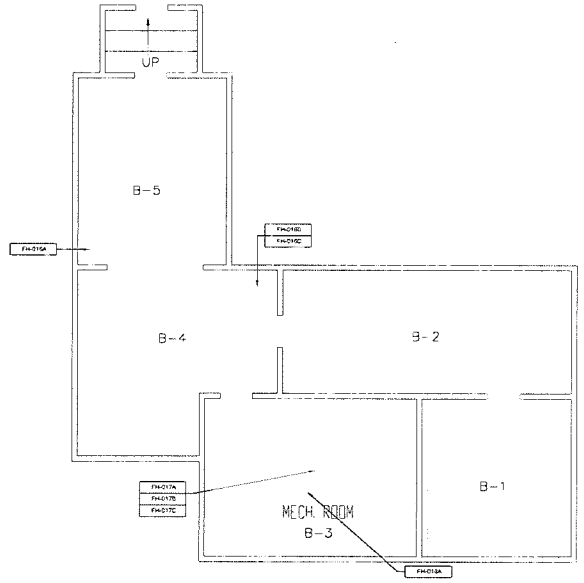
FIGURES



SECOND FLOOR PLAN
SCALE 3/16"=1'-0"



FIRST FLOOR PLAN
SCALE 3/16"=1'-0"



BASEMENT FLOOR PLAN
SCALE 3/16"=1'-0"

EXTERIOR

FH-019A/C	WINDOW CAULKING
FH-020A/C	ROOFING MATERIAL

FH = FARMHOUSE

PLAN REFERENCE:

FLOOR PLAN DERIVED FROM DRAWINGS BY OTHERS PROVIDED TO CES, INC AND ARE NOT WARRANTED AS TO ACCURACY AND ARE INTENDED TO BE SCHEMATIC.

ASBESTOS LEGEND

FH-001A	SAMPLE NUMBER AND LOCATION TESTING POSITIVE FOR ASBESTOS
FH-002A	SAMPLE NUMBER AND LOCATION TESTING NEGATIVE FOR ASBESTOS
FH-001B	SAMPLE NUMBER AND LOCATION NOT ANALYZED (POSITIVE STOP)
	ACM FLOOR TILE OVER ACM FLOOR TILE WITH ACM FELT PAPER / MASTIC
	NON ACM FLOOR TILE WITH ACM ADHESIVE OVER ACM FLOOR TILE

0 3 6 12 18
SCALE 3/16" = 1'-0"

CES INC
Engineers • Environmental Scientists • Surveyors
Bangor
Contact: Eric Mac Bride
PO Box 1242
Bangor, ME 04402-1242
P 207.848.4021
F 207.848.4011
Machias
Contact: Jeff Dyer
PO Box 1237
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P 207.288.5087
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Lewiston
Contact: Jeff Dyer
Lewiston, ME
P 207.784-5118
F 207.784-5118

PROJECT TITLE
AUGUSTA MENTAL HEALTH INSTITUTE (AMHI)
AUGUSTA, MAINE

SHEET TITLE
FARMHOUSE BUILDING
ASBESTOS IDENTIFICATION SURVEY

1									
2									
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11									
12									
13									
14	1/13/2015								

SCAL	3/16"=1'-0"
DATE	2014-03-26
DRAWN BY	WAB
CHECKED BY	DBK
DESIGNED BY	DBK
APPROVED BY	DBK
JOB NUMBER	10239.001
DRAWING NUMBER	H101

CES INC

ATTACHMENTS

CES INC

ATTACHMENT A

ASBESTOS INSPECTOR CERTIFICATION(S)

Maine Labor Group on Health

Asbestos Abatement Inspector Refresher Training

This is to Certify that

Deborah A. Kasik

Has Met the Attendance Requirements and Successfully Completed the Exam and the 1/2 Day 4 Hour, Curriculum Course Entitled Asbestos Abatement Inspector Refresher Course, for accreditation under TSCA Title II

March 21, 2014

Registered Certificate:
2014 ASB 0065
Expiration: 3-21-2015
Exam Score: 92
Exam Date: 3-21-2014
Course Location: Auburn, ME.

Executive Director and Design Consultant
Maine Labor Group on Health

MLGH * P.O. Box 5197 * Augusta, ME 04332 * 207-622-7823 * mlgh@gwi.net

CES INC

ATTACHMENT B

ASBESTOS ANALYTICAL LABORATORY CERTIFICATIONS

AIHA Laboratory Accreditation Programs, LLC

acknowledges that

EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077

Laboratory ID: 100194

along with all premises from which key activities are performed, as listed above, has fulfilled the requirements of the AIHA Laboratory Accreditation Programs (AIHA-LAP), LLC accreditation to the ISO/IEC 17025:2005 international standard, *General Requirements for the Competence of Testing and Calibration Laboratories in* the following:

LABORATORY ACCREDITATION PROGRAMS

✓	**INDUSTRIAL HYGIENE**	Accreditation Expires: 07/01/2014
✓	**ENVIRONMENTAL LEAD**	Accreditation Expires: 07/01/2014
✓	**ENVIRONMENTAL MICROBIOLOGY**	Accreditation Expires: 07/01/2014
☐	**FOOD**	Accreditation Expires:

Specific Field(s) of Testing (FoT)/Method(s) within each Accreditation Program for which the above named laboratory maintains accreditation is outlined on the attached **Scope of Accreditation**. Continued accreditation is contingent upon successful on-going compliance with ISO/IEC 17025:2005 and AIHA-LAP, LLC requirements. This certificate is not valid without the attached **Scope of Accreditation**. Please review the AIHA-LAP, LLC website (www.aihaaccreditedlabs.org) for the most current Scope.

S. D. Allen Iske, PhD, CIH, CSP
Chairperson, Analytical Accreditation Board

Cheryl O. Morton

Cheryl O. Morton
Managing Director, AIHA Laboratory Accreditation Programs, LLC

Revision 12: 03/29/2012

Date Issued: 07/31/2012

AIHA
Laboratory Accreditation Programs, LLC

AIHA Laboratory Accreditation Programs, LLC
SCOPE OF ACCREDITATION

EMSL Analytical, Inc.
200 Route 130 North, Cinnaminson, NJ 08077

Laboratory ID: **100194**
Issue Date: 07/31/2012

The laboratory is approved for those specific field(s) of testing/methods listed in the table below. Clients are urged to verify the laboratory's current accreditation status for the particular field(s) of testing/Methods, since these can change due to proficiency status, suspension and/or revocation. A complete listing of currently accredited Industrial Hygiene laboratories is available on the AIHA-LAP, LLC website at: http://www.aihaaccreditedlabs.org

Industrial Hygiene Laboratory Accreditation Program (IHLAP)

Initial Accreditation Date: 02/01/1989

IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte *(for internal methods only)*
Chromatography Core	Gas Chromatography	GC/ FID	NIOSH 1003	
			NIOSH 1005	
			NIOSH 1400	
			NIOSH 1500	
			NIOSH 1550	
			NIOSH 1603	
			NIOSH 2000	
		GC/ECD	NIOSH 5502	
			NIOSH 5503	
			NIOSH 5510	
			OSHA 1010	
		GC/NPD	NIOSH 2551	
	GC/MS		EPA TO-15	
	Gas Chromatography (Diffusive Samplers)		NIOSH 1501	
	Ion Chromatography (IC)		NIOSH 6004	
			NIOSH 6011	
			NIOSH 7903	
			OSHA ID-214	
			OSHA ID-215	
	Liquid Chromatography	HPLC/FL	NIOSH 5506	
		HPLC/UV	NIOSH 2016	

AIHA

Laboratory Accreditation Programs, LLC

IHLAP Scope Category	Field of Testing (FoT)	Technology sub-type/ Detector	Published Reference Method/Title of In-house Method	Method Description or Analyte *(for internal methods only)*
Spectrometry Core	Atomic Absorption	CVAA	NIOSH 6009	
			OSHA ID-145	SOP LM-015
			OSHA ID-145	SOP LM-013
		FAA	NIOSH 7082	
		GFAA	NIOSH 7105	
	Inductively-Coupled Plasma	ICP/MS	NIOSH 7300 Modified	
		ICP/AES	NIOSH 7300	
	X-ray Diffraction (XRD)		NIOSH 7500	
			OSHA ID-142	
	UV/VIS (Colorimetric)		NIOSH 6010	
Asbestos/Fiber Microscopy Core	Polarized Light Microscopy (PLM)		EPA 600/R-93/116	
	Phase Contrast Microscopy (PCM)		NIOSH 7400	
	Transmission Electron Microscopy (TEM)		EPA AHERA - 40 CFR Part 763	
			NIOSH 7402	
Miscellaneous Core	Gravimetric		NIOSH 0500	
			NIOSH 0600	
			NIOSH 5524	
	Thermo-optical Analysis (TOA)		NIOSH 5040	

The laboratory participates in the following AIHA-LAP, LLC-approved proficiency testing programs:

- ✓ AIHA-PAT Programs, LLC IHPAT Metals
- ✓ AIHA-PAT Programs, LLC IHPAT Organic Solvents
- ✓ AIHA-PAT Programs, LLC IHPAT Silica
- ✓ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (3M)
- ❑ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (SKC)
- ❑ AIHA-PAT Programs, LLC IHPAT Diffusive Sampler (AT)
- ✓ AIHA-PAT Programs, LLC IHPAT Asbestos
- ❑ AIHA-PAT Programs, LLC Bulk Asbestos (BAPAT)
- ❑ AIHA-PAT Programs, LLC Beryllium (BePAT)
- ✓ HSE Workplace Analytical Scheme for Proficiency (WASP) (Formaldehyde)
- ❑ HSE Workplace Analytical Scheme for Proficiency (WASP) (Thermal Desorption Tubes)
- ❑ Pharmaceutical Round Robin
- ❑ Compressed/Breathing Air Round Robin
- ✓ National Voluntary Laboratory Accreditation Program (NVLAP - determined at the time of site assessment)
- ❑ New York State Department of Health (NYS DOH – PCM and TEM)
- ✓ ERA Air and Emissions standards for indoor air quality
- ❑ Institut für Arbeitsschutz der Deutschen Gesetzlichen Unfallversicherung (IFA, formerly BGIA)
- ❑ Institut de Recherche Robert-Sauvé en Santé et en Sécurité du Travail (IRSST)

OrderID: 041405684

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 041405684

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

Company: CES/Summit Environmental Consultants	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 465 S. Main Street PO Box 639	
City: Brewer **State/Province:** ME	**Zip/Postal Code:** 04412 **Country:** United States
Report To (Name): Dennis Kingman	**Telephone #:** 207-989-4824
Email Address: dkingman@summitenv.com	**Fax #:** 207-989-4881 **Purchase Order:**
Project Name/Number: 10289.001-01	**Please Provide Results:** ☐ Fax ☑ Email ☐ Mail
U.S. State Samples Taken: ME	**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)

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

TEM – Bulk

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

Other

- ☐

RECEIVED EMSL CINNAMINSON, N.J. 2014 MAR 10 A 9:47

☑ **Check For Positive Stop – Clearly Identify Homogenous Group** **Date Sampled:** 3/6/14

Samplers Name: DAK **Samplers Signature:** Deborah A Kasik

Sample #	HA #	Sample Location	Material Description
FH-001A		Kitchen (1st)	12" Cream/gray FT
FH001B		"	
FH001C		"	
FH002A		Kitchen (1st)	Black Adhesive
FH002B		"	"
FH002C		"	"
FH003A		Kitchen (1st)	Floor Tile - 2nd layer
FH003B		"	"
FH003C		"	"
FH004A		Kitchen (1st)	Felt Paper

Client Sample # (s): **Total # of Samples:** 16

Relinquished (Client): Deborah A Kasik **Date:** 3/6/14 **Time:** 2:00pm

Received (Lab): VC FK **Date:** 3-10-14 **Time:** 8:50

Comments/Special Instructions:
NOB per ME DEP

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077
PHONE 1-800-220-3675
FAX (856) 786-5974

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 041405684

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

Sample #	HA #	Sample Location	Material Description
FH004B		Kitchen (1st)	Felt Paper
FH004C		"	"
FH005A		Bedroom #1 (1st)	2x2 Perforated CT
FH005B		"	"
FH005C		"	"
FH006A		1st Fl Hall to Bathroom (top)	9" Lt gray w/black FT
FH006B		"	"
FH006C		"	"
FH007A		1st Fl Hall to Bathroom (bottom)	Green FT
FH007B		"	"
FH007C		"	"
FH008A		1st Fl Hall to Bathroom (bottom)	Felt paper
FH008B		"	"
FH008C		"	"
FH009A		1st Fl Dining Rm	12" Lt brown/gray FT
FH009B		"	"
FH009C		"	"
FH010A		1st Fl Dining Rm	Yellow Adhesive
FH010B		"	"
FH010C		"	"
FH011A		1st Fl Bathroom	Gray squared Sheet flooring
FH011B		"	"
FH011C		"	"
FH012A		2nd Fl Bathroom #1	12" Tan Mottled FT

*Comments/Special Instructions:
NOB per ME DEP ; 006ABC tile only; 012ABC tile only

RECEIVED EMSL CINNAMINSON, NJ 2011 MAR 10 A 9:41

Page 2 of 4 pages

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 0414 05684

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

Sample #	HA #	Sample Location	Material Description
FH012B		2nd fl Bathroom #1	12" Tan Mottled FT
FH012C		"	"
FH013A		2nd fl Bathroom #2	12" Brown Mottled FT
FH013B		"	"
FH013C		"	"
FH014A		1st Kitchen	Wall plaster Skimcoat
FH014B		1st Bedroom	Ceiling " Skimcoat
FH014C		1st Dining Rm	Wall plaster Skimcoat
FH014D		1st-2nd Stairway	Wall plaster Skimcoat
FH014E		2nd Office	Wall plaster Skimcoat
FH014F		2nd Storage 1	Wall plaster Skimcoat
FH014G		2nd Bed #6	ceiling plaster Skimcoat
FH015A		1st Kitchen	wall plaster - brown coat
FH015B		1st Bedroom	Ceiling " "
FH015C		1st Dining Rm	wall " "
FH015D		1st-2nd Stairway	wall " "
FH015E		2nd Office	wall " "
FH015F		2nd Storage 1	wall " "
FH015G		2nd Bed #6	ceiling "
FH016A		Basement	Pipe fitting insulation
FH016B		"	"
FH016C		"	"
FH017A		Basement	Sheetrock above furnace
FH017B		"	"

***Comments/Special Instructions:**
NOB per ME DEP 012ABC tile only; 013ABC tile only

Page 3 of 4 pages

OrderID: 041405684

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Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 041405684

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077
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FAX: (856) 786-5974

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

Sample #	HA #	Sample Location	Material Description
FH017C		Basement	Sheetrock above furnace
FH018A		Basement	Furnace Cement
FH019A		~~2nd floor~~ ~~Bed~~ Exterior	Window-Caulking
FH019B		"	"
FH019C		"	"
FH020A		Exterior	Roofing
FH020B		"	"
FH020C		"	"

***Comments/Special Instructions:**
NOB per ME DEP

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Page 4 of 4 pages

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ATTACHMENT C

ASBESTOS LABORATORY ANALYTICAL RESULTS

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EMSL Order ID: 041405684
Customer ID: CESI62
Customer PO:
Project ID:

Attn: Dennis Kingman
CES/Summit Environmental Consultants
465 S. Main Street
PO Box 639
Brewer, ME 04412

Phone: (207) 989-4824
Fax: (207) 989-4881
Collected: 3/ 6/2014
Received: 3/10/2014
Analyzed: 3/14/2014

Proj: 10289.001-01

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

Client Sample ID: FH-001A ***Lab Sample ID:*** **041405684-0001**
Sample Description: Kitchen (1st)/12" cream/gray floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Gray /Cream	0.0%	100%	None Detected	

Client Sample ID: FH-001B ***Lab Sample ID:*** **041405684-0002**
Sample Description: Kitchen (1st)/12" cream/gray floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Gray /Cream	0.0%	100%	None Detected	

Client Sample ID: FH-001C ***Lab Sample ID:*** **041405684-0003**
Sample Description: Kitchen (1st)/12" cream/gray floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/14/2014	Gray /Cream	0.0%	100%	None Detected	

Client Sample ID: FH-002A ***Lab Sample ID:*** **041405684-0004**
Sample Description: Kitchen (1st)/Black adhesive

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Black	0.0%	97.4%	**2.6% Chrysotile**	

Client Sample ID: FH-002B ***Lab Sample ID:*** **041405684-0005**
Sample Description: Kitchen (1st)/Black adhesive

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014				Positive Stop (Not Analyzed)	

Client Sample ID: FH-002C ***Lab Sample ID:*** **041405684-0006**
Sample Description: Kitchen (1st)/Black adhesive

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014				Positive Stop (Not Analyzed)	

Client Sample ID: FH-003A ***Lab Sample ID:*** **041405684-0007**
Sample Description: Kitchen (1st)/Floor tile-2nd layer

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
LM Grav. Reduction	3/13/2014	Brown	0.0%	95.9%	**4.1% Chrysotile**	

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

Client Sample ID: FH-003B ***Lab Sample ID:*** **041405684-0008**
Sample Description: Kitchen (1st)/Floor tile-2nd layer

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014				Positive Stop (Not Analyzed)	

Client Sample ID: FH-003C ***Lab Sample ID:*** **041405684-0009**
Sample Description: Kitchen (1st)/Floor tile-2nd layer

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014				Positive Stop (Not Analyzed)	

Client Sample ID: FH-004A ***Lab Sample ID:*** **041405684-0010**
Sample Description: Kitchen (1st)/Felt paper - Felt

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Black	0.0%	100%	None Detected	

Client Sample ID: FH-004B ***Lab Sample ID:*** **041405684-0011**
Sample Description: Kitchen (1st)/Felt paper - Felt

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Black	0.0%	100%	None Detected	

Client Sample ID: FH-004C ***Lab Sample ID:*** **041405684-0012**
Sample Description: Kitchen (1st)/Felt paper - Felt

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/14/2014	Black	0.0%	100%	None Detected	

Client Sample ID: FH-005A ***Lab Sample ID:*** **041405684-0013**
Sample Description: Bedroom #1 (1st)/2x2 perforated ceiling tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Gray	75%	25%	None Detected	

Client Sample ID: FH-005B ***Lab Sample ID:*** **041405684-0014**
Sample Description: Bedroom #1 (1st)/2x2 perforated ceiling tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Gray	75%	25%	None Detected	

Client Sample ID: FH-005C ***Lab Sample ID:*** **041405684-0015**
Sample Description: Bedroom #1 (1st)/2x2 perforated ceiling tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/14/2014	Gray	90%	10%	None Detected	

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

Client Sample ID: FH-006A ***Lab Sample ID:*** **041405684-0016**

Sample Description: 1st fl hall to bathroom (top)/9" light gray w/black floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Gray /Black	0.0%	90.0%	10% Chrysotile	

Client Sample ID: FH-006B ***Lab Sample ID:*** **041405684-0017**

Sample Description: 1st fl hall to bathroom (top)/9" light gray w/black floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014			Positive Stop (Not Analyzed)		

Client Sample ID: FH-006C ***Lab Sample ID:*** **041405684-0018**

Sample Description: 1st fl hall to bathroom (top)/9" light gray w/black floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014			Positive Stop (Not Analyzed)		

Client Sample ID: FH-007A ***Lab Sample ID:*** **041405684-0019**

Sample Description: 1st fl hall to bathroom (bottom)/Green floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Green	0.0%	98.9%	1.1% Chrysotile	Recommend TEM

Client Sample ID: FH-007B ***Lab Sample ID:*** **041405684-0020**

Sample Description: 1st fl hall to bathroom (bottom)/Green floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014			Positive Stop (Not Analyzed)		

Client Sample ID: FH-007C ***Lab Sample ID:*** **041405684-0021**

Sample Description: 1st fl hall to bathroom (bottom)/Green floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014			Positive Stop (Not Analyzed)		

Client Sample ID: FH-008A ***Lab Sample ID:*** **041405684-0022**

Sample Description: 1st fl hall to bathroom (bottom)/Felt paper - Felt

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Black	0.0%	98.3%	1.7% Chrysotile	

Client Sample ID: FH-008B ***Lab Sample ID:*** **041405684-0023**

Sample Description: 1st fl hall to bathroom (bottom)/Felt paper - Felt

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014			Positive Stop (Not Analyzed)		

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

Client Sample ID: FH-008C ***Lab Sample ID:*** **041405684-0024**

Sample Description: 1st fl hall to bathroom (bottom)/Felt paper - Felt

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014				Positive Stop (Not Analyzed)	

Client Sample ID: FH-009A ***Lab Sample ID:*** **041405684-0025**

Sample Description: 1st fl dining rm/12" light brown/gray floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Brown /Gray	0.0%	100%	None Detected	

Client Sample ID: FH-009B ***Lab Sample ID:*** **041405684-0026**

Sample Description: 1st fl dining rm/12" light brown/gray floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Brown /Gray	0.0%	100%	None Detected	

Client Sample ID: FH-009C ***Lab Sample ID:*** **041405684-0027**

Sample Description: 1st fl dining rm/12" light brown/gray floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/14/2014	Brown /Gray	0.0%	100%	None Detected	

Client Sample ID: FH-010A ***Lab Sample ID:*** **041405684-0028**

Sample Description: 1st fl dining rm/Yellow adhesive

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Yellow	0.0%	100%	None Detected	

Client Sample ID: FH-010B ***Lab Sample ID:*** **041405684-0029**

Sample Description: 1st fl dining rm/Yellow adhesive

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Yellow	0.0%	100%	None Detected	

Client Sample ID: FH-010C ***Lab Sample ID:*** **041405684-0030**

Sample Description: 1st fl dining rm/Yellow adhesive

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/14/2014	Yellow	0.0%	100%	None Detected	

Client Sample ID: FH-011A ***Lab Sample ID:*** **041405684-0031**

Sample Description: 1st fl bathroom/Gray squared sheet flooring

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Gray /White	0.0%	100%	None Detected	

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

Client Sample ID: FH-011B ***Lab Sample ID:*** **041405684-0032**
Sample Description: 1st fl bathroom/Gray squared sheet flooring

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Gray /White	0.0%	100%	None Detected	

Client Sample ID: FH-011C ***Lab Sample ID:*** **041405684-0033**
Sample Description: 1st fl bathroom/Gray squared sheet flooring

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/14/2014	Gray /White	0.0%	100%	None Detected	

Client Sample ID: FH-012A ***Lab Sample ID:*** **041405684-0034**
Sample Description: 2nd fl bathroom #1/12" tan mottled floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Tan	0.0%	100%	None Detected	

Client Sample ID: FH-012B ***Lab Sample ID:*** **041405684-0035**
Sample Description: 2nd fl bathroom #1/12" tan mottled floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Tan	0.0%	100%	None Detected	

Client Sample ID: FH-012C ***Lab Sample ID:*** **041405684-0036**
Sample Description: 2nd fl bathroom #1/12" tan mottled floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/14/2014	Tan	0.0%	100%	None Detected	

Client Sample ID: FH-013A ***Lab Sample ID:*** **041405684-0037**
Sample Description: 2nd fl bathroom #2/12" brown mottled floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Brown	0.0%	98.2%	**1.8% Chrysotile**	

Client Sample ID: FH-013B ***Lab Sample ID:*** **041405684-0038**
Sample Description: 2nd fl bathroom #2/12" brown mottled floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014				Positive Stop (Not Analyzed)	

Client Sample ID: FH-013C ***Lab Sample ID:*** **041405684-0039**
Sample Description: 2nd fl bathroom #2/12" brown mottled floor tile

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014				Positive Stop (Not Analyzed)	

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

Client Sample ID: FH-014A ***Lab Sample ID:*** **041405684-0040**
Sample Description: 1st kitchen/Wall plaster skimcoat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	White	0%	100%	None Detected	

Client Sample ID: FH-014B ***Lab Sample ID:*** **041405684-0041**
Sample Description: 1st bedroom/Ceiling plaster skimcoat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014				Insufficient Material	There is no skim coat present in sample

Client Sample ID: FH-014C ***Lab Sample ID:*** **041405684-0042**
Sample Description: 1st dining rm/Wall plaster skimcoat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	White	0%	100%	None Detected	

Client Sample ID: FH-014D ***Lab Sample ID:*** **041405684-0043**
Sample Description: 1st-2nd stairway/Wall plaster skimcoat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	White	0%	100%	None Detected	

Client Sample ID: FH-014E ***Lab Sample ID:*** **041405684-0044**
Sample Description: 2nd office/Wall plaster skimcoat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	White	0%	100%	None Detected	

Client Sample ID: FH-014F ***Lab Sample ID:*** **041405684-0045**
Sample Description: 2nd storage 1/Wall plaster skimcoat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/14/2014	White	0%	100%	None Detected	

Client Sample ID: FH-014G ***Lab Sample ID:*** **041405684-0046**
Sample Description: 2nd bed #6/Ceiling plaster skim coat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/14/2014				Insufficient Material	

Client Sample ID: FH-015A ***Lab Sample ID:*** **041405684-0047**
Sample Description: 1st kitchen/Wall plaster-Brown coat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
'LM	3/13/2014	Gray	5%	95%	None Detected	

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

Client Sample ID: FH-015B ***Lab Sample ID:*** **041405684-0048**
Sample Description: 1st bedroom/Ceiling plaster-brown coat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Gray	10%	90%	None Detected	

Client Sample ID: FH-015C ***Lab Sample ID:*** **041405684-0049**
Sample Description: 1st dining rm/Wall plaster-Brown coat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Gray/White	0%	100%	None Detected	

Client Sample ID: FH-015D ***Lab Sample ID:*** **041405684-0050**
Sample Description: 1st-2nd stairway/Wall plaster-Brown coat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Gray	0%	100%	None Detected	

Client Sample ID: FH-015E ***Lab Sample ID:*** **041405684-0051**
Sample Description: 2nd office/Wall plaster-Brown coat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Gray	2%	98%	None Detected	

Client Sample ID: FH-015F ***Lab Sample ID:*** **041405684-0052**
Sample Description: 2nd storage 1/Wall plaster-Brown coat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/14/2014	Brown	3%	97%	None Detected	

Client Sample ID: FH-015G ***Lab Sample ID:*** **041405684-0053**
Sample Description: 2nd bed #6/Ceiling plaster-brown coat

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/14/2014	Tan	5%	95%	None Detected	

Client Sample ID: FH-016A ***Lab Sample ID:*** **041405684-0054**
Sample Description: Basement/Pipe fitting insulation

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Gray	80%	20%	None Detected	

Client Sample ID: FH-016B ***Lab Sample ID:*** **041405684-0055**
Sample Description: Basement/Pipe fitting insulation

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Gray	80%	20%	None Detected	

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Customer ID:	CESI62
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Summary Test Report for Asbestos Analysis of Bulk Material via EPA 600/R-93/116 Method via Polarized Light Microscopy

Client Sample ID: FH-016C ***Lab Sample ID:*** **041405684-0056**
Sample Description: Basement/Pipe fitting insulation

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/14/2014	Gray	85%	15%	None Detected	

Client Sample ID: FH-017A ***Lab Sample ID:*** **041405684-0057**
Sample Description: Basement/Sheetrock above furnace

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Brown/Gray	20%	80%	None Detected	

Client Sample ID: FH-017B ***Lab Sample ID:*** **041405684-0058**
Sample Description: Basement/Sheetrock above furnace

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Brown/Gray	20%	80%	None Detected	

Client Sample ID: FH-017C ***Lab Sample ID:*** **041405684-0059**
Sample Description: Basement/Sheetrock above furnace

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/14/2014	Brown/Gray	23%	77%	None Detected	

Client Sample ID: FH-018A ***Lab Sample ID:*** **041405684-0060**
Sample Description: Basement/Furnace cement

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM	3/13/2014	Gray	0%	100%	None Detected	

Client Sample ID: FH-019A ***Lab Sample ID:*** **041405684-0061**
Sample Description: Exterior/Window caulking

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Gray /White	0.0%	100%	None Detected	

Client Sample ID: FH-019B ***Lab Sample ID:*** **041405684-0062**
Sample Description: Exterior/Window caulking

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Gray /White	0.0%	100%	None Detected	

Client Sample ID: FH-019C ***Lab Sample ID:*** **041405684-0063**
Sample Description: Exterior/Window caulking

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
LM Grav. Reduction	3/14/2014	Gray /White	0.0%	100%	None Detected	

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

Client Sample ID: FH-020A ***Lab Sample ID:*** **041405684-0064**
Sample Description: Exterior/Roofing

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Black	10.1%	89.9%	None Detected	

Client Sample ID: FH-020B ***Lab Sample ID:*** **041405684-0065**
Sample Description: Exterior/Roofing

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/13/2014	Black	8.9%	91.1%	None Detected	

Client Sample ID: FH-020C ***Lab Sample ID:*** **041405684-0066**
Sample Description: Exterior/Roofing

TEST	Analyzed Date	Color	Non-Asbestos Fibrous	Non-Asbestos Non-Fibrous	Asbestos	Comment
PLM Grav. Reduction	3/14/2014	Black	9.9%	90.1%	None Detected	

PLM: Cert# BA-0143(SR) Cert# BA-0134(FD)
PLM EPA NOB: Cert# BA-0143(SR) Cert# BA-0134(FD)

Analyst(s)

Frank Dicrescenzo	PLM	(6)
	PLM Grav. Reduction	(8)
Samantha Rundstorm	PLM	(16)
	PLM Grav. Reduction	(22)

Stephen Siegel, CIH, Laboratory Manager
or other Approved Signatory

Any questions please contact Steve Siegel.

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

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036

Initial report from: 03/14/201407:57:33

CES INC

ATTACHMENT D

LEAD RISK ASSESSOR AND RADIATION MATERIALS LICENSE

National Voluntary
Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Stephen Siegel, CIH
Phone: 800-220-3675 Fax: 856-786-5973
E-Mail: ssiegel@emsl.com
URL: http://www.emsl.com

BULK ASBESTOS FIBER ANALYSIS (PLM) **NVLAP LAB CODE 101048-0**

NVLAP Code	*Designation / Description*
18/A01	EPA-600/M4-82-020: Interim Method for the Determination of Asbestos in Bulk Insulation Samples

2012-07-01 through 2013-06-30

Effective dates

For the National Institute of Standards and Technology

NVLAP-01S (REV. 2005-05-19)

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.

Cinnaminson, NJ

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

BULK ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2012-07-01 through 2013-06-30

Effective dates

DEPARTMENT OF COMMERCE ★ UNITED STATES OF AMERICA ★

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)

National Voluntary Laboratory Accreditation Program

SCOPE OF ACCREDITATION TO ISO/IEC 17025:2005

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
Mr. Stephen Siegel, CIH
Phone: 800-220-3675 Fax: 856-786-5973
E-Mail: ssiegel@emsl.com
URL: http://www.emsl.com

AIRBORNE ASBESTOS FIBER ANALYSIS (TEM) **NVLAP LAB CODE 101048-0**

NVLAP Code	*Designation / Description*
18/A02	U.S. EPA's "Interim Transmission Electron Microscopy Analytical Methods-Mandatory and Nonmandatory-and Mandatory Section to Determine Completion of Response Actions" as found in 40 CFR, Part 763, Subpart E, Appendix A.

2012-07-01 through 2013-06-30

Effective dates

For the National Institute of Standards and Technology

United States Department of Commerce
National Institute of Standards and Technology

NVLAP®

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 101048-0

EMSL Analytical, Inc.

Cinnaminson, NJ

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

AIRBORNE ASBESTOS FIBER ANALYSIS

This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2012-07-01 through 2013-06-30

Effective dates

DEPARTMENT OF COMMERCE * UNITED STATES OF AMERICA *

For the National Institute of Standards and Technology

NVLAP-01C (REV. 2009-01-28)

State of Maine

Department of Environmental Protection

LICENSE

EMSL Analytical, Inc.

Asbestos Analytical Laboratory

(Bulk)

License Number: LB-0039 **Expiration Date: 10/31/2013**

MAINE LABOR GROUP ON HEALTH

P.O. Box 5197 * Augusta, Maine 04332 * 207-622-7823

Lead Risk Assessor Refresher Course

This is to Certify that

Deborah A. Kasik

Has met the Attendance Requirements and Successfully Completed the 1-Day
8 Hour Curriculum Course Entitled Lead Risk Assessor Refresher Course

August 15, 2013

Registered Certificate:
2013 PB 0082
ID: 4/26/62
Exam Score: 96
ME DEP Expiration: 08/15/2014
US EPA Expiration: 08/15/2015

Course Location: Auburn, ME

Executive Director
Maine Labor Group on Health

State of Maine

DEPARTMENT OF HEALTH AND HUMAN SERVICES
RADIATION CONTROL PROGRAM
LICENSE FOR RADIOACTIVE
MATERIAL POSSESSION AND USE

NAME:	ATLANTIC ENVIRONMENTAL SERVICES	EXPIRES:	10/20/2015
LICENSE#	31223		
RSO	DEBORAH KASIK		
ADDRESS:	P.O. BOX 615	W. KENNEBUNK	ME04094
CATEGORY:	ANALYTICAL INSTRUMENTS		

00437

Mary C. Mayhew

MARY C. MAYHEW
COMMISSIONER

NON-TRANSFERABLE

CES INC

ATTACHMENT E

LEAD-BASED PAINT DETERMINATION REPORT

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

CES INC Engineers • Environmental Specialists • Surveyors	CLIENT:	ME BUREAU OF GENERAL SERVICES	DATE:	3/6/2014
	SITE:	AMHI CAMPUS	CES, INC #:	10289.001-01
	BLDG:	FARMHOUSE BUILDING - FIRST FLOOR	Page:	1 OF 3

XRF # RMD LPA-1 #3305; ME Rad Lic #31223 **CALIBRATION:** 1.0 / 1.0 mg/cm2 **Inspector Signature:** Deborah A. Kasik/LR#0003

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm²	CONDITION	NOTES:
L-1	ROOM #101		CEILING	WHITE	PLASTER	0.0		
L-2	ROOM #101	A,B,C,D	WALLS	GREEN	PLASTER	0.0		
L-3	ROOM #101		BASEBOARDS	WHITE	WOOD	5.3/0.0	FAIR-POOR	MIX OF OLD AND NEW
L-4	ROOM #101		FLOOR	STAIN	WOOD	0.0		
L-5	ROOM #101	B1	DOOR, CASING AND JAMB	WHITE	WOOD	>9.9	POOR	
L-6	ROOM #101	C1	DOOR, CASING AND JAMB	WHITE	WOOD	>9.9	POOR	
L-7	ROOM #101	A1,2 D1	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	0.0/0.0/0.0		TRIM INCLUDES SILL, CASING, APRON, STOPS
L-8	ROOM #101	A1,2 D1	WINDOW SASHES	WHITE	WOOD	0.0/0.0		NOT ORIGINAL SASHES
L-9	ROOM #101	A1,2 D1	WINDOW WELLS, OUTER FRAMES	GRAY / WHITE	WOOD	2.8	POOR	
L-10	ROOM #101		WINDOW - WOOD STORM	WHITE	WOOD	0.0/0.0		
L-11	ROOM #102		CEILING	WHITE	PLASTER	0.0		
L-12	ROOM #102		WALLS	CREAM	PLASTER	0.0/0.0		
L-13	ROOM #102		BASEBOARDS	WHITE	WOOD	>9.9	FAIR-POOR	
L-14	ROOM #102		STEAM HEATER	CREAM	METAL	0.0/0.0		
L-15	ROOM #102	A1 B1,2	DOORS, CASINGS AND JAMBS	WHITE	WOOD	>9.9	POOR	
L-16	ROOM #102	D1	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	0.0/0.0		
L-17	ROOM #102	D1	WINDOW SASH	WHITE	WOOD	0.0		
L-18	ROOM #102	D1	WINDOW - EXTERIOR COMPONENTS	GRAY / WHIT	WOOD	SAME AS RM 101	POOR	
L-19	HALLWAY TO RM #106		CEILING	WHITE	PLASTER	0.0		
L-20	HALLWAY TO RM #106		WALLS	CREAM	PLASTER	0.0/0.0		

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

CES INC Engineers • Environmental Scientists • Surveyors	CLIENT:	ME BUREAU OF GENERAL SERVICES	DATE:	3/6/2014
	SITE:	AMHI CAMPUS	CES, INC #:	10289.001-01
	BLDG:	FARMHOUSE BUILDING - FIRST FLOOR	Page:	2 OF 3

XRF # RMD LPA-1 #3305; ME Rad Lic #31223 **CALIBRATION:** 1.0 / 1.0 mg/cm2 **Inspector Signature:** Deborah A. Kasik/LR#0003

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm²	CONDITION	NOTES:
L-21	HALLWAY TO RM #106	A	SLIDING DOOR TO BATHROOM	STAIN	WOOD	0.0		
L-22	HALLWAY TO RM #106	A	DOOR TRIM	WHITE	WOOD	0.0		
L-23	HALLWAY TO RM #106	B1 C1 D1	DOORS, CASINGS AND JAMBS	WHITE	WOOD	>9.9/>9.9/>9.9	POOR	
L-24	ROOM #103		CEILING ABOVE CEILING TILES	WHITE	PLASTER	0.0		2 LAYERS OF CEILING TILES
L-25	ROOM #103		WALLS	YELLOW	PLASTER	0.0		
L-26	ROOM #103		BASEBOARDS	WHITE	WOOD	>9.9	POOR	
L-27	ROOM #103	A1 B1 D1	DOORS, CASINGS AND JAMBS	WHITE	WOOD	>9.9	POOR	
L-28	ROOM #103	C1	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	0.0		
L-29	ROOM #103	C1	WINDOW SASH	WHITE	WOOD	0.0		
L-30	ROOM #104		DOOR TRIM	WHITE	WOOD	0.0		WALLS COVERED
L-31	ROOM #105		CEILING	WHITE	PLASTER	0.0		
L-32	ROOM #105		WALLS	CREAM	PLASTER	0.0		
L-33	ROOM #105		BASEBOARDS	WHITE	WOOD	>9.9	POOR	
L-34	ROOM #105	A1 C1 D1	DOORS, CASINGS AND JAMBS	WHITE	WOOD	>9.9/>9.9/>9.9	POOR	
L-35	ROOM #105	A2	DOOR, CASING AND JAMB	WHITE	WOOD	0.0/0.0/0.0		TO CLOSET
L-36	ROOM #105	B1 C1	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	0.0/0.0/0.0		
L-37	ROOM #105	B1 C1	WINDOW SASHES	WHITE	WOOD	0.0/0.0		
L-38	ROOM #106		CEILING	WHITE	PLASTER	0.0		
L-39	ROOM #106		WALLS	CREAM	PLASTER	0.0/0.0/0.0/0.0		
L-40	ROOM #106		BASEBOARDS	WHITE	WOOD	>9.9/>9.9	POOR	

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

CES INC Engineers • Environmental Scientists • Surveyors	CLIENT:	ME BUREAU OF GENERAL SERVICES	DATE:	3/6/2014
	SITE:	AMHI CAMPUS	CES, INC #:	10289.001-01
	BLDG:	FARMHOUSE BUILDING - FIRST FLOOR	Page:	3 OF 3

XRF # RMD LPA-1 #3305; ME Rad Lic #31223 **CALIBRATION:** 1.0 / 1.0 mg/cm2 **Inspector Signature:** Deborah A. Kasik/LR#0003

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm²	CONDITION	NOTES:
L-41	ROOM #106	B1 C1 D1	DOORS, CASINGS AND JAMBS	WHITE	WOOD	>9.9/>9.9	POOR	
L42	ROOM #106	A1,2 B1	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	0.0/0.0/0.0/0.0		
L-43	ROOM #106	A1,2 B1	WINDOW SASHES	WHITE	WOOD	0.0/0.0		
L-44	ROOM #106	A1,2 B1	WINDOW EXTERIOR COMPONENTS	GRAY / WHITE	WOOD	3.4	POOR	
L-45	ENTRY HALLWAY		CEILING	WHITE	PLASTER	0.0		
L-46	ENTRY HALLWAY		WALLS	CREAM	PLASTER	0.0		
L-47	ENTRY HALLWAY	A1	DOOR, CASING AND JAMB	WHITE	WOOD	>9.9	POOR	
L-48	ENTRY HALLWAY	A1	DOOR SIDELITE AND TRANSOM	WHITE	WOOD	>9.9	POOR	
L-49	ENTRY HALLWAY	B1 D1	DOORS, CASINGS AND JAMBS	WHITE	WOOD	>9.9	POOR	
L-50	ROOM #107		WALLS - UPPER	WHITE	PLASTER	0.0/>9.9	POOR	MIX; CONSIDER ALL POSITIVE
L-51	ROOM #107		CHAIR RAILS	WHITE	WOOD	>9.9	POOR	
L-52	ROOM #107		WALLS - LOWER	WHITE	PLASTER	>9.9/>9.9	POOR	
L-53	ROOM #107		BASEBOARDS	WHITE	WOOD	>9.9	POOR	
L-54	ROOM #107	B1	DOOR, CASING AND JAMB	WHITE	WOOD	0.0		TO EXTERIOR
L-55	ROOM #107	C1	DOOR, CASING AND JAMB	WHITE	WOOD	>9.9/>9.9	POOR	
L-56	ROOM #107	B1,2 D1,2	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	0.0/0.0/0.0/0.0		
L-57	ROOM #107	B1,2 D1,2	WINDOW SASHES	WHITE	WOOD	0.0/0.0		
L-58	ROOM #107		CABINETS	CREAM	WOOD	0.0/0.0		
L-59	STAIRS TO 2ND FLOOR		CEILING & WALLS	WHITE / CREAM	PLASTER	0.0/0.0		
L-60	STAIRS TO 2ND FLOOR		TREADS, RISERS, MOPBOARDS	MIX	WOOD	0.0/0.0/0.0		

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

CES INC Engineers • Environmental Scientists • Surveyors	CLIENT:	ME BUREAU OF GENERAL SERVICES	DATE:	3/6/2014
	SITE:	AMHI CAMPUS	CES, INC #:	10289.001-01
	BLDG:	FARMHOUSE BUILDING - SECOND FLOOR	Page:	1 OF 3

XRF # RMD LPA-1 #3305; ME Rad Lic #31223 **CALIBRATION:** 1.0 / 1.0 mg/cm2 **Inspector Signature:** Deborah A. Kasik/LR#0003

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm²	CONDITION	NOTES:
L-1	2ND FLOOR HALLWAY		CEILING	WHITE	PLASTER	0.0/0.0		
L-2	2ND FLOOR HALLWAY		WALLS	CREAM	PLASTER	>9.9/>9.9/>9.9	FAIR-POOR	
L-3	2ND FLOOR HALLWAY		BASEBOARDS	WHITE	WOOD	>9.9	FAIR	
L-4	2ND FLOOR HALLWAY	A1,2C1 C2 D1,2	DOORS, CASINGS AND JAMBS	WHITE	WOOD	>9.9/>9.9/>9.9	POOR	INCLUDES ATTIC HATCH
L-5	ROOM #201		CEILING	WHITE	PLASTER	0.0		
L-6	ROOM #201		WALLS	CREAM	PLASTER	>9.9/>9.9	FAIR-POOR	
L-7	ROOM #201		BASEBOARDS	WHITE	WOOD	>9.9	POOR	
L-8	ROOM #201	B1 C1	DOORS, CASINGS AND JAMBS	WHITE	WOOD	>9.9/>9.9	POOR	
L-9	ROOM #201	A1 D1	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	0.0/0.0		D1 IS SMALL DOOR THAT LEADS TO FIRE ESCAPE
L-10	ROOM #201	A1	WINDOW SASHES	WHITE	WOOD	0.0		
L-11	ROOM #201	A1	WINDOW EXTERIOR COMPONENTS	GRAY / WHITE	WOOD	>9.9	POOR	
L-12	ROOM #201	D1	FIRE ESCAPE DOOR & EXT TRIM	WHITE / GRAY	WOOD	>9.9	FAIR-POOR	
L-13	ROOM #201		STEAM HEATER	CREAM	METAL	0.2		
L-14	ROOM #202		CEILING	WHITE	PLASTER	0.0		
L-15	ROOM #202		WALLS	CREAM	PLASTER	>9.9	POOR	UPPER AND LOWER
L-16	ROOM #202		CHAIR RAIL AND BASEBOARDS	WHITE	WHITE	>9.9/>9.9	POOR	
L-17	ROOM #202	A1 B1	DOORS, CASINGS AND JAMBS	WHITE	WOOD	>9.9/>9.9	POOR	
L-18	ROOM #202	D1	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	0.0		
L-19	ROOM #202	D1	WINDOW SASH	WHITE	WOOD	0.0		
L-20	ROOM #203		CEILING	WHITE	PLASTER	0.0		

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

CES INC Engineers • Environmental Scientists • Surveyors	CLIENT:	ME BUREAU OF GENERAL SERVICES	DATE:	3/6/2014
	SITE:	AMHI CAMPUS	CES, INC #:	10289.001-01
	BLDG:	FARMHOUSE BUILDING - SECOND FLOOR	Page:	2 OF 3

XRF # RMD LPA-1 #3305; ME Rad Lic #31223 **CALIBRATION:** 1.0 / 1.0 mg/cm2 **Inspector Signature:** Deborah A. Kasik/LR#0003

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm²	CONDITION	NOTES:
L-21	ROOM #203		WALLS	WHITE	PLASTER	>9.9	POOR	
L-22	ROOM #203		BASEBOARDS	WHITE	WOOD	>9.9	FAIR-POOR	
L-23	ROOM #203		SKYLIGHT FRAME	NO ID	WOOD	1.7	POOR	
L-24	ROOM #204		CEILING	WHITE	PLASTER	0.0		
L-25	ROOM #204		WALLS	YELLOW	PLASTER	>9.9	POOR	
L-26	ROOM #204		BASEBOARDS	WHITE	WHITE	>9.9	POOR	
L-27	ROOM #204	C1	DOOR, CASING AND JAMB	WHITE	WOOD	>9.9	POOR	
L-28	ROOM #205	A,B,C	WALLS	WHITE	PLASTER	0.0/0.0/0.0		
L-29	ROOM #205	D	WALLS	WHITE	PLASTER	>9.9	FAIR-POOR	
L-30	ROOM #205	A1	DOOR CASING	WHITE	WOOD	0.0		
L-31	ROOM #206		CEILING	WHITE	PLASTER	0.0		
L-32	ROOM #206		WALLS	CREAM	PLASTER	>9.9/>9.9	FAIR-POOR	
L-33	ROOM #206		BASEBOARDS	WHITE	WOOD	>9.9	FAIR-POOR	
L-34	ROOM #206	C1,2	DOORS, CASINGS AND JAMBS	WHITE	WOOD	>9.9/>9.9	FAIR-POOR	
L-35	ROOM #206	A1 B1	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	0.0/0.0/0.0		
L-36	ROOM #206	A1 B1	WINDOW SASHES	WHITE	WOOD	0.0		
L-37	ROOM #206	A1 B1	WINDOW EXTERIOR COMPONENTS	GRAY / WHITE	WOOD	2.6	POOR	
L-38	ROOM #207		CEILING		PLASTER	0.0		
L-39	ROOM #207	A	WALL	CREAM	PLASTER	0.0		
L-40	ROOM #207	B,C,D	WALLS	CREAM	PLASTER	>9.9/>9.9	FAIR-POOR	

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

CES INC Engineers • Environmental Scientists • Surveyors	CLIENT:	ME BUREAU OF GENERAL SERVICES	DATE:	3/6/2014
	SITE:	AMHI CAMPUS	CES, INC #:	10289.001-01
	BLDG:	FARMHOUSE BUILDING - SECOND FLOOR	Page:	3 OF 3

XRF # RMD LPA-1 #3305; ME Rad Lic #31223 **CALIBRATION:** 1.0 / 1.0 mg/cm2 **Inspector Signature:** Deborah A. Kasik/LR#0003

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm²	CONDITION	NOTES:
L-41	ROOM #207		BASEBOARDS	WHITE	WOOD	>9.9/0.0	FAIR	MIX OF OLD AND NEW
L42	ROOM #208		CEILING	WHITE	PLASTER	0.0/0.0		
L-43	ROOM #208		WALLS	CREAM	PLASTER	>9.9/>9.9	POOR	
L-44	ROOM #208		BASEBOARDS	WHITE	WOOD	>9.9		
L-45	ROOM #208	A1	DOOR, CASING AND JAMB	WHITE	WOOD	>9.9/>9.9	FAIR-POOR	
L-46	ROOM #208	B1	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	0.0/0.0		
L-47	ROOM #208	B1	WINDOW SASH	WHITE	WOOD	0.0		—
L-48	ROOM #208	B1	WINDOW EXTERIOR COMPONENTS	GRAY / WHITE	WOOD	>9.9	POOR	
L-49	ROOM #208	C1	WINDOW INTERIOR 'TRIM'	WHITE	WOOD	>9.9	POOR	ORIGINAL WINDOW UNIT
L-50	ROOM #208	C1	WINDOW SASH	WHITE	WOOD	>9.9	POOR	
L-51	ROOM #208	C1	WINDOW EXTERIOR COMPONENTS	GRAY / WHITE	WOOD	>9.9	POOR	

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

CES INC Engineers • Environmental Scientists • Surveyors	CLIENT:	ME BUREAU OF GENERAL SERVICES	DATE:	3/6/2014
	SITE:	AMHI CAMPUS	CES, INC #:	10289.001-01
	BLDG:	FARMHOUSE BUILDING - BASEMENT	Page:	1 OF 1

XRF # RMD LPA-1 #3305; ME Rad Lic #31223 **CALIBRATION:** 1.0 / 1.0 mg/cm2 **Inspector Signature:** Deborah A. Kasik/LR#0003

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm²	CONDITION	NOTES:
L-1	BASEMENT		TREADS & RISERS	GRAY	WOOD	0.0/0.0		
L-2	BASEMENT		WALLS	WHITE	BRICK	0.5/0.4/0.4		
L-3	BASEMENT		CELLAR WINDOWS	NO ID	WOOD	2.0	FAIR-POOR	

NOTE: ATTACHED BARN IS NATURAL ON THE INTERIOR.

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter

ENVIRONMENTAL LEAD-BASED PAINT XRF RESULTS

CES INC Engineers • Environmental Scientists • Surveyors	CLIENT:	ME BUREAU OF GENERAL SERVICES	DATE:	3/6/2014
	SITE:	AMHI CAMPUS	CES, INC #:	10289.001-01
	BLDG:	FARMHOUSE BUILDING - EXTERIOR	Page:	1 OF 1

XRF # RMD LPA-1 #3305; ME Rad Lic #31223 **CALIBRATION:** 1.0 / 1.0 mg/cm2 **Inspector Signature:** Deborah A. Kasik/LR#0003

FIELD ID #	SAMPLE LOCATION	SIDE	COMPONENT(S)	COLOR	SUBSTRATE TYPE:	RESULTS mg/cm²	CONDITION	NOTES:
L-1	EXTERIOR - HOUSE		SIDING ON DORMERS	GRAY	WOOD	AP*	POOR	INACCESSIBLE; ASSUMED POSITIVE
L-2	EXTERIOR - HOUSE		FASCIA	WHITE	WOOD	>9.9	FAIR-POOR	
L-3	EXTERIOR - HOUSE		DECORATIVE TRIM	WHITE	WOOD	>9.9	FAIR-POOR	
L-4	EXTERIOR - HOUSE		WINDOW - TRIM	WHITE	WOOD	>9.9/3.0	FAIR-POOR	INCLUDES SILLS, FRAMES, STORMS
L-5	EXTERIOR - HOUSE		DOOR TRIM	WHITE	WOOD	>9.9	FAIR-POOR	
L-6	EXTERIOR - HOUSE		CELLAR WINDOW STORMS & TRIM	WHITE	WOOD	>9.9	FAIR-POOR	
L-7	EXTERIOR - HOUSE		FIRE ESCAPE	NO ID	METAL	0.0/0.0		
L-8	EXTERIOR - BARN		CLAPBOARD SIDING**	WHITE	WOOD	>9.9	FAIR-POOR	**BENEATH VINYL SIDING
L-9	EXTERIOR - BARN		WINDOWS AND TRIM	WHITE	WOOD	>9.9	FAIR-POOR	
L-10	EXTERIOR - BARN		DOORS AND TRIM	WHITE	WOOD	>9.9	FAIR-POOR	

D = Drywall; P = Plaster; W = Wood; M = Metal; C = Concrete; B = Brick; V = Vinyl; CER = Ceramic. MG/CM² = Milligrams per square centimeter