EAGLE Environmental, Inc.

Hazardous Building Materials > Industrial Hygiene/IAQ > Environmental Assessments > Laboratory Services & Training

July 27, 2015

Mr. David Holmes
Capital Studio Architects
1379 Main Street
East Hartford, CT 06108

RE: Environmental Assessment Report
Department of Housing
CDBG-DR – Sandy Disaster Recovery Program
261 Adams Street
Bridgeport, Connecticut 06607
Application #2433
Eagle Project No. 14-028.12T27

Dear Mr. Holmes:

Please find the attached Environmental Assessment Report conducted at 261 Adams Street located in Bridgeport, Connecticut (Site). The environmental assessment was performed in support of the planned renovations/repairs to the Site building under the State of Connecticut Department of Housing Community Development Block Grant – Disaster Recovery Program (Program). The assessment focused only on those areas of the building that are scheduled for renovation/repair work with the exception of the lead-based paint hazard screen, which included the interior and exterior of the entire building. The proposed scope of renovation/repair work was provided to Eagle Environmental, Inc. (Eagle) by Capital Studio Architects (CSA).

This assessment and report is intended to satisfy the review process of the National Environmental Policy Act (NEPA) Statutory Checklist Sections 13C (Lead-Based Paint), 13D (Asbestos), 13E (Radon) and 13F (Mold).

Please do not hesitate to contact us if you have any questions regarding the contents of this report.

Sincerely,
Eagle Environmental, Inc.

Report Prepared By:
Kristen Liljehult
Environmental Consultant II

Report Reviewed By:
Peter J. Folino
Project Manager

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1. INTRODUCTION

On September 22, 2014, Eagle Environmental, Inc. conducted an environmental assessment of portions of the site building located at 261 Adams Street in Bridgeport, Connecticut. The scope of the environmental assessment included an inspection for asbestos-containing materials, a lead-based paint hazard screen and a visual inspection for microbial contamination.

1.1 Inspection Area Description

The inspection area included those areas of the building that will be impacted by planned renovation work. The areas of inspection were determined by reviewing the planned renovation work provided in CSA's Project Scope dated August 27, 2014. For the purpose of this project the following areas were inspected:

- Basement
- Exterior facades

In addition to testing the areas of the building that will be impacted by the renovation work, a lead hazard screen was performed throughout the site building to comply with federal funding requirements for a residential building receiving Federal funding assistance under a Department of Housing and Urban Development (HUD) administered program.

A complete list of components that were tested may be found in the XRF Lead Inspection Detailed Report.

2. SCOPE OF INSPECTION

2.1 Asbestos Containing Materials

The asbestos inspection was conducted to identify and sample suspect asbestos-containing materials within the areas of proposed renovation or repair work. Although federal regulations requiring asbestos inspection do not pertain to a residential structure containing less than five (5) units, demolition or renovation activities which may disturb asbestos would be unauthorized under the State of Connecticut Department of Public Health (DPH) regulations. Disposal of asbestos containing waste in unauthorized landfills is also prohibited. The inspection was performed to facilitate compliance with these applicable abatement and disposal regulations.

The asbestos inspection was performed by Andrew Carnevale; a State of Connecticut licensed Asbestos Inspector (license #000850).

2.2 Lead-based Paint

A lead-based paint hazard screen was performed at the site building to comply with the Department of Housing and Urban Development (HUD) Lead Safe Housing Rule (24 CFR 35) for a residential property receiving Federal rehabilitation assistance under a program administered by HUD.

Certain lead-based paint requirements apply to each project depending on the level of Federal Funding allocated. The lead-based paint requirements include the following for each level of funding:

1. Residential property receiving $5,000 or less per unit (Not Applicable to this Project):

   a. Conduct lead-based paint testing or presume all painted surfaces contain toxic levels of lead-based paint. If lead-based paint testing confirms that the painted surfaces are not coated with lead-based paint, lead safe work practices and clearances are not required.

   b. Conduct a risk assessment in each unit receiving Federal funds, in common areas and the exteriors.

   c. Interim control measures may be utilized throughout the building

   d. Lead safe work practices are to be utilized during rehabilitation work that will disturb painted surfaces.

   e. After the completion of any rehabilitation work that has disturbed painted surfaces, clearances are to be performed.

2. Residential property receiving between $5,000 and $25,00 0 per unit:

   a. Conduct lead-based paint testing or presume all painted surfaces contain toxic levels of lead-based paint. If lead-based paint testing confirms that the painted surfaces are not coated with lead-based paint, lead safe work practices and clearances are not required.

   b. Lead safe work practices are to be utilized during rehabilitation work that will disturb lead-based painted surfaces.

   c. Perform interim controls on all lead hazards identified during the lead hazard screen.

   d. Perform clearance testing following interim control work and renovations.

   e. Provide notice of lead-hazard reduction within 15 days of completion of work.

3. Residential property receiving greater than $25,000 per unit:

   a. Conduct lead-based paint testing or presume all painted surfaces contain toxic levels of lead-based paint. If lead-based paint testing confirms that the painted surfaces are not coated with lead-based paint, lead safe work practices and clearances are not required.

   b. Conduct a risk assessment in each unit receiving Federal funds, in common areas and the exteriors.

   c. Abate all interior lead-based paint hazards identified during the lead inspection/risk assessment. Interim controls are acceptable on exterior surfaces that are not disturbed by rehabilitation and on paint-lead hazards that are below the de minimus levels.

d. Lead safe work practices are to be utilized during rehabilitation work that will disturb painted surfaces.

e. Perform clearance testing following abatement work.

f. Provide notice of lead-hazard reduction within 15 days of completion of work.

The lead-based paint hazard screen was performed by Kristen Liljehult; a State of Connecticut licensed Lead Inspector/Risk Assessor (license # 002206).

In addition to HUD's Lead Safe Housing Rule, the State of Connecticut Department of Public Health Lead Poisoning Prevention and Control regulations apply when a child under the age of six (6) years old lives in the residence at the time of the inspection. The lead hazard screen was performed in accordance with State requirements, where applicable. There were no children under six (6) years of age residing at the residence at the time of the inspection.

2.3 Radon Testing

Radon testing for this program is performed on a case-by-case basis. Building's which are constructed on piers or will be elevated with its lowest level not in contact with the ground are not considered for Radon testing.

Buildings, which are not elevated off the ground, are tested for Radon under this Program. Radon testing is performed to comply with the National Environmental Policy Act (NEPA).

At a minimum, the Indoor Radon Potential Map of Connecticut was reviewed to determine each sites geographic location in respect to indoor Radon potential.

2.4 Mold Inspection

Eagle performed a visual inspection for the presence of suspect mold within the inspection areas. The inspection included an investigation for signs of visible microbial growth including discoloring of building materials, mal odors and water intrusion that may inhibit microbial growth. The inspection was visual in nature and did not include any sampling or destructive investigations behind rigid walls or ceilings.

3. INSPECTION PROTOCOLS

3.1 Asbestos Containing Materials

3.1.1 Inspection

The asbestos-containing materials (ACM) inspection included the accessible interior and exterior portions of the building that will potentially be impacted by the proposed renovation/repair work. The inspection did not include areas outside of the proposed renovation/repair work areas.

Semi-destructive testing techniques were utilized during the inspection process. This included removing small pieces of suspect materials for analysis (bulk sampling). Only those building materials that will be impacted by the proposed renovation/repair work were sampled. Wood, glass, metal and fiberglass are not defined as suspect materials and are not sampled.

During the inspection, suspect materials are located, sampled, quantified and the friability of the material is determined. Friable materials are those materials that hand pressure can crumble, pulverize or reduce to powder when dry. An estimated quantity of identified ACM is provided for positive materials only. The materials are quantified in linear or square feet, depending on the nature of the material.

3.1.2 Bulk Sampling

During the sampling process, suspect ACM is separated into three (3) USEPA categories. These categories are: Thermal System Insulation (TSI), Surfacing Materials (SURF), and Miscellaneous materials (MISC). TSI includes all materials used to prevent heat loss or gain or water condensation on mechanical systems. Examples of TSI are pipe covering, boiler insulation, duct wrap, and mudpack fitting cement. Surfacing ACM includes all ACM that is sprayed, toweled or otherwise applied to an existing surface. These applications are most commonly used in fireproofing, decorative, and acoustical applications. Miscellaneous materials include all ACM not listed in thermal or surfacing, such as linoleum, vinyl asbestos flooring, and ceiling tile.

Bulk sampling was performed in a random method. Bulk sampling methods and number of samples collected meets or exceeds the USEPA requirements.

3.1.3 Bulk Sample Analysis

The samples of the suspect asbestos containing materials were sent to a State of Connecticut Department of Public Health (DPH) approved laboratory for analysis by Polarized Light Microscopy (PLM). PLM is the USEPA accepted method of analysis for identification of asbestos in bulk matrixes. Samples are collected individually or in sets. When sets of samples are collected, each set is systematically analyzed until one sample is determined to contain asbestos. Upon the determination of the presence of asbestos in one sample in the set, analysis of the remaining samples in the set is discontinued. If no asbestos is observed during analysis of the set of samples, the suspect material is determined to be negative for asbestos content.

Sample analysis results are reported in percentage of asbestos and non-asbestos components. The USEPA defines any material that contains greater than one percent asbestos, utilizing PLM, as being an asbestos-containing material (ACM). Suspect materials containing greater than one percent (1%) asbestos utilizing the PLM Point Count Method and the NOB TEM method are also considered to be asbestos-containing. Materials determined to contain greater than one percent (1%) asbestos is regulated by the USEPA, the State of Connecticut Department of Public Health and Department of Energy and Environmental Protection and the United States Department of Labor. Sample results indicating "no asbestos detected" (NAD) are specified as non-asbestos containing materials. Samples results indicating "Did Not Analyze" (DNA) are not analyzed due to the stop on first positive request to the laboratory.

3.1.3.1 Friable ACM Analysis

Certain samples of friable materials shown to contain less than 10% asbestos are analyzed further by the "Point Count Method". This procedure is recommended by the United States Environmental Protection Agency to confirm friable bulk samples shown to have less than 10% asbestos by PLM to be definitively negative or positive for asbestos. This method is accepted as providing statistically reliable results when analyzing bulk samples with very low asbestos concentrations. Friable

materials containing "Trace" or "less than one percent (1%)" asbestos must be analyzed by the PLM Point Count Method. No samples were further analyzed by the PLM Point Count Method for the 261 Adams Street in Bridgeport, Connecticut.

3.1.3.2 Non Friable ACM Analysis

Certain samples of organically bound non-friable materials shown to contain "less than 1% asbestos", "TRACE" or "NAD" are recommended for analyses by the "NOB TEM ELAP 198.4 Method". This procedure is recommended by the United States Environmental Protection Agency to further evaluate non-friable organically bound materials for asbestos. Suspect materials confirmed by NOB TEM to be "less than 1% asbestos", "TRACE" or "NAD" are considered non-asbestos containing. No samples were further analyzed by the NOB TEM Method for the 261 Adams Street in Bridgeport, Connecticut.

3.2 Lead-based Paint

The lead hazard screen was performed utilizing an X-Ray Fluorescence (XRF) Radiation Monitoring Device (RMD) Lead Paint Analyzer (LPA 1), serial number 2753 throughout the building.

Due to the level of proposed Federal Funding for this project (exceeding $25,000 per unit), the lead-based paint screen included testing surfaces where defective paint or surface coatings were identified. A visual inspection was performed to evaluate the condition of surface coating associated with the building. Where surface coatings were defective (peeling, chipping, flaking, etc.), paint testing was performed. Component and surface locations are identified by side designations represented by the letters "A", "B", "C", and "D". The "A" side is considered the front of the building with the "B", "C", and "D" sides following in a clockwise order.

The data is presented on computer generated Lead Inspection Reports contained in Appendix 4. The Summary Report provides an inventory of each surface coating that contains lead at or above 1.0 mg/cm^2. The Detailed Report is an inventory of each tested surface on a room-by-room basis.

For the purpose of this report, lead-based paint is defined as surface coatings that contain ≥1.0 mg/cm^2 of lead by XRF.

3.3 Radon Testing

The site building will be elevated and the lowest level of the building will not be in contact with the ground. Radon testing was not performed for this site building.

3.4 Mold Inspection

Eagle Environmental, Inc. performed a visual inspection within the limits of the inspection area for potential microbial growth. The visual inspection was performed to evaluate building materials for signs of water damage and suspect microbial growth. Building materials such as gypsum board, cellulose ceiling tiles, paper pipe coverings or duct coverings and heating, ventilation and air conditioning components were visually assessed. Only visible accessible materials were inspected within the proposed areas of renovation/repair.

Discoloration and decay of the aforementioned building materials may signify mold growth. Water damage or damp conditions may also signify suitable conditions for mold growth.

Suspect mold growth or conditions that may sustain mold growth were documented during the inspection process. In general, the location, color of suspect growth and estimated quantity of impacted building materials were recorded during the inspection process.

Eagle used an Extech Instruments Model MO290 Moisture/Humidity Meter to measure the relative moisture content of accessible representative building materials that may have been impacted by water during the storm. A "dry standard" for each component was determined by averaging the moisture measurements for materials in un-impacted areas. The "dry standard" was used as a baseline comparison to determine if the materials were wet. Moisture measurements were recorded on the Mold Moisture Reading Form.

4. INSPECTION RESULTS

4.1 Asbestos Containing Materials

During the course of the building inspection twenty-eight (28) bulk samples of suspect ACM were collected and twenty-five (25) samples were analyzed by PLM based on the "stop on first positive" request to the laboratory.

The following materials were confirmed to be ACM:

- White paper debris in the dirt
- Stored cementitious panels
- Cement board siding

The summaries of asbestos and non-asbestos materials are presented in Tables I and II respectively. The asbestos analysis laboratory reports are provided in Appendix 2.

The basement will be filled in so that the building may be elevated; therefore, the white paper debris and stored cement board siding will need to be removed and disposed of properly prior to filling in the basement.

The cement board siding is a non-friable exterior building material and is not regulated by CT DPH regulations. If any of the material is disturbed in the process of elevating the building, it must be disposed of as ACM waste. Contractors performing work that impacts the siding must comply with the US Department of Labor's Occupational Safety and Health Administration (OSHA), the USEPA National Emission Standard for Hazardous Air Pollutants and the CT DEEP regulated waste disposal regulations.

Any suspect material not specifically identified in this report as non-ACM should be assumed to contain asbestos unless sample results prove otherwise.

All regulated friable and regulated non-friable ACM must be removed prior to renovation/repair activities. A State of Connecticut Licensed Asbestos Abatement Contractor must be retained to perform the removal work. Visual inspections and air clearances must be performed within each abatement area at the completion of the abatement work. The visual inspections and air clearances must be performed by a State of Connecticut licensed Asbestos Project Monitor. The abatement areas must meet final visual and air clearance inspection criteria prior to building renovation / demolition. Re-

occupancy air monitoring is required if the building will be re-entered by any person following abatement and prior to demolition. This includes but is not limited to entry for utility disconnects, salvage, equipment removal, etc.

The Asbestos Abatement Contractor must submit a notice of asbestos abatement to the State of Connecticut Department of Public Health post marked or hand delivered ten (10) days prior to the commencement of any asbestos abatement activities involving the abatement of greater than ten (10) linear feet or twenty-five (25) square feet of asbestos-containing materials. The asbestos abatement notification satisfies the DPH regulatory requirements for demolition notification. For asbestos abatement projects involving less than ten (10) linear feet or twenty-five (25) square feet of asbestos-containing materials or projects where no regulated asbestos-containing materials are identified, the facility owner or any person who will be conducting demolition must submit a demolition notification to the State of Connecticut Department of Public Health post marked or hand delivered ten (10) days prior to the commencement of demolition activities.

4.2 Lead-based Paint

A copy of this lead-hazard screen report must be provided to residence within fifteen (15) days of the evaluation. A total of one hundred fourteen (114) XRF readings were collected during the lead-hazard screen of the building. From the one hundred fourteen (114) readings, forty (40) were found to contain toxic levels of lead-based paint.

The general inventory of surfaces containing lead-based paint include the following

- Basement window components
- Porch ceiling, box beams, soffit
- Basement pipe
- Various plaster walls and ceilings
- Various door and door trim components
- Various window trim components

The leaded components in the basement will be removed and disposed of prior to filling in the basement. The other lead-based paint identified at the property will not impact the proposed scope of work to be performed; however, the hazards will need to be addressed prior to the completion of the job. If any exterior enclosures are disturbed or removed during the renovations, lead safe work practices must be utilized as the substrate underneath is assumed to contain toxic levels of lead-based paint.

A complete inventory of tested building materials is presented in Detailed Reports contained Appendix 4.

No children under the age of six (6) years old resided at this site building at the time of the inspection. However, the Federal funding for this project is anticipated to exceed $25,000.00 per unit. All interior and exterior lead-based paint hazards must be controlled utilizing interim controls (temporary measures). This residence is considered target housing (housing constructed prior to 1978) by the USEPA. All lead-hazard remediation work shall be performed in compliance with the USEPA Renovation, Remodeling and Painting (RRP) Rule as prescribed by 40 CFR Part 745.80 Subpart E including USEPA RRP Firm Certification, USEPA RRP Renovator Certification, Disclosure and Notification, Placement of Warning Signs, Lead-Safe Work Practice, Cleaning and Post Remediation Lead Dust Clearance by an approved USEPA method.

The U.S. Department of Labor Occupation Safety and Health Administration (OSHA) regulates lead dust exposure to workers in the construction industry under 29 CFR 1926.62 Lead Exposure in Construction; Interim Final Rule. Currently, OSHA does not define a threshold level of lead in paint that may cause worker exposure. Any detectable level of lead in paint (>0.0 mg/cm^2 +/- 0.3 mg/cm^2 by XRF or >0.01 % by AAS) requires task specific exposure monitoring. Contractors performing lead disturbing tasks on this project must comply with the OSHA Lead in Construction Standard.

4.2.1 Dust Hazards

A total of six (6) dust wipes were collected at the time of inspection. No lead dust hazards were identified at the sampled locations. Eagle Environmental, Inc. recommends that the residents continue to follow their regular cleaning regimen.

A copy of the dust sample laboratory reports may be found in Appendix 5.

4.2.2 Soil Hazards

No soil samples were collected at the time of inspection as there were no bare areas of soil identified. The owner may maintain the ground cover in its current condition.

4.3 Radon

Radon is measured in Picocuries of radon per Liter of air or pCi/L. The USEPA has set a national action level of 4 pCi/L. Ambient concentrations of radon are approximately 0.4 pCi/L of radon for outside air. The USEPA recommends that short term tests that have results of 4 pCi/L or greater be confirmed with a second short-term test. Two short-term tests with results equal to or greater than 4 pCi/L require that radon mitigation be performed.

A review of the Indoor Radon Potential Map of Connecticut indicates a Radon Potential Rating of Moderate (22%). The Radon Potential Rating indicates the percentage of tested homes in this geographical area with basement air radon greater than or equal to 4.0 pCi/l (USEPA Action Level for Radon)

Radon testing was not performed at this Site since the building will be elevated and the lowest level of the building will not be in contact with the ground.

4.4 Mold

The homeowner advised the inspectors that the basement and main floor flooded during Hurricane Irene and the main floor of the house was completely renovated after the storm event. During Hurricane Sandy, the basement flooded as well as Office (009) which was originally an enclosed porch and has been renovated into an interior room.

There was no evidence of water intrusion, water staining or mold spore growth visible on any surfaces throughout the building at the time of the inspection. Moisture readings were collected from the basement and the ceiling joists and columns tested "At Risk" per the Architect's Representatives standards.

The mold inspection forms are provided in Appendix 7.

5. COST ESTIMATES

The cost estimates include only the abatement or remediation work necessary to support the renovation/repair work. Other regulated or hazardous materials may be present and were not inspected for under this scope of services and are not included within the estimate.

This is a budgetary opinion of cost that is expected to be within -15 to + 30 percent of the actual cost. Eagle Environmental, Inc. has no control over the cost of labor, materials, equipment or services furnished by others, or over the Contractor or Contractors' methods of determining prices, or over competitive bidding or market conditions. Eagle Environmental, Inc.'s opinion of probable cost of abatement are made on the basis of Eagle Environmental, Inc.'s experience and qualifications and represent Eagle Environmental, Inc.'s judgment as an experienced and qualified consultant familiar with the abatement industry; but Eagle Environmental, Inc. cannot and does not guarantee that proposals, bids or actual Total Project or Abatement Cost will not vary from opinions of probable cost prepared by Eagle Environmental, Inc. If, prior to the bidding or negotiating phase, the Owner wishes greater assurance as to Total Project or Abatement Cost, the Owner shall employ an independent cost estimator.

The cost estimates are provided in Appendix 8.

TABLE I

ASBESTOS-CONTAINING MATERIALS SUMMARY TABLE

TABLE I
ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
261 ADAMS STREET
BRIDGEPORT, CONNECTICUT

LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS				ESTIMATED QUANTITY	F/NF
				PLM	PLM PC	TEM NOB	ACM		
Room 001	White paper debris in dirt	9-22-AC-01	MISC	45% Chrys			YES	Undetermined	F
		9-22-AC-02		DNA					
Room 002	Stored cementious panels	9-22-AC-05	MISC	8% Chrys			YES	10 SF	NF
		9-22-AC-06		DNA					
Facade A, Facade C	Cement board siding	9-22-AC-21	MISC	12% Chrys			YES	1,960 SF	NF
		9-22-AC-22		DNA					

KEY		ANALYTICAL METHODS
DNA = DID NOT ANALYZE	**SF = SQUARE FEET**	**PLM PC = EPA 600/R-93/116 QUANTITATION 400 POINT COUNT**
NAD = NO ASBESTOS DETECTED	**LF = LINEAR FEET**	**TEM NOB = NEW YORK ELAP 198.4 METHOD**
F = FRIABLE	**Chrys = Chrysotile**	**PLM = EPA 600/R-93/116**
NF = NON-FRIABLE	**Amos = Amosite**	**PS = Previously Sampled**
TSI = THERMAL SYSTEMS INSULATION	**Anth = Anthophylite**	**EA = Each**
SURF = SURFACING MATERIAL	**Trem = Tremolite**	
MISC = MISCELLANEOUS MATERIAL	**Croc = Crocidolite**	

BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION

TABLE II

NON ASBESTOS-CONTAINING MATERIALS SUMMARY TABLE

TABLE II
NON - ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
261 ADAMS STREET
BRIDGEPORT, CONNECTICUT

SAMPLE LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
Room 002	Flue cement	9-22-AC-03	MISC	NAD			NO
		9-22-AC-04		NAD			
Room 002	Mineral wool insulation	9-22-AC-07	TSI	NAD			NO
		9-22-AC-08		NAD			
		9-22-AC-09		NAD			
Room 002	Rough coat plaster	9-22-AC-10	SURF	NAD			NO
		9-22-AC-11		NAD			
		9-22-AC-12		NAD			
Room 002	Skim coat plaster	9-22-AC-13	SURF	NAD			NO
		9-22-AC-14		NAD			
		9-22-AC-15		NAD			
Room 002	Boiler insulation	9-22-AC-16	TSI	NAD			NO
		9-22-AC-17		NAD			
		9-22-AC-18		NAD			
Facade C	Hard seam caulk	9-22-AC-19	MISC	NAD			NO
		9-22-AC-20		NAD			
Facade A, Facade C	Paper under siding	9-22-AC-23	MISC	NAD			NO
		9-22-AC-24		NAD			
Facade C	Window caulk	9-22-AC-25	MISC	NAD			NO
		9-22-AC-26		NAD			
Facade B	Rubbery window sill caulk	9-22-AC-27	MISC	NAD			NO
		9-22-AC-28		NAD			

KEY		ANALYTICAL METHODS
DNA = DID NOT ANALYZE	**SF = SQUARE FEET**	**PLM PC = EPA 600/R-93/116 QUANTITATION 400 POINT COUNT**
NAD=NO ASBESTOS DETECTED	**LF = LINEAR FEET**	**TEM NOB = NEW YORK ELAP 198.4 METHOD**
F = FRIABLE	**Chrys = Chrysotile**	**PLM = EPA 600/R-93/116**
NF = NON-FRIABLE	**Amos = Amosite**	**PS = Previously Sampled**
TSI = THERMAL SYSTEMS INSULATION	**Anth = Anthophylite**	**EA = Each**
SURF = SURFACING MATERIAL	**Trem = Tremolite**	
MISC = MISCELLANEOUS MATERIAL	**Croc = Crocidolite**	

BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION

APPENDIX 1

FLOOR PLANS

CAPITAL STUDIO ARCHITECTS

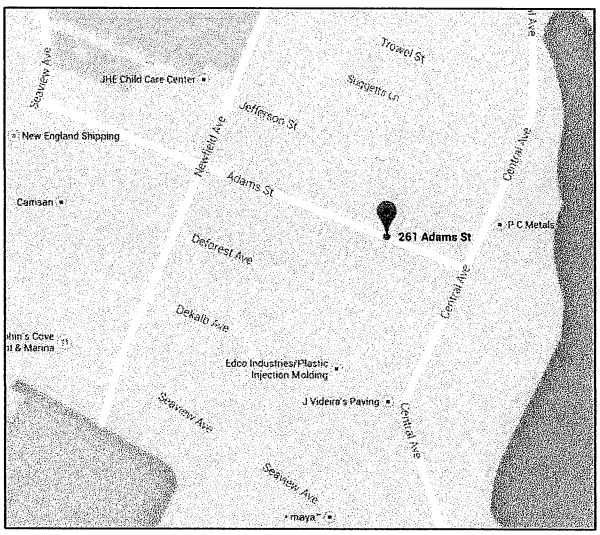
261 ADAMS STREET
BRIDGEPORT, CONNECTICUT

EAGLE PROJECT NUMBER: 14-028.12T27

INDEX OF DRAWINGS

SP-1 SITE PLAN
FP-1 BASEMENT PLAN
FP-2 FIRST FLOOR PLAN
FP-3 SECOND FLOOR PLAN

LOCATION MAP



SEPTEMBER 23, 2014

EAGLE Environmental, Inc.
8 SOUTH MAIN STREET, SUITE 3
TERRYVILLE, CONNECTICUT 06786
860-589-8257

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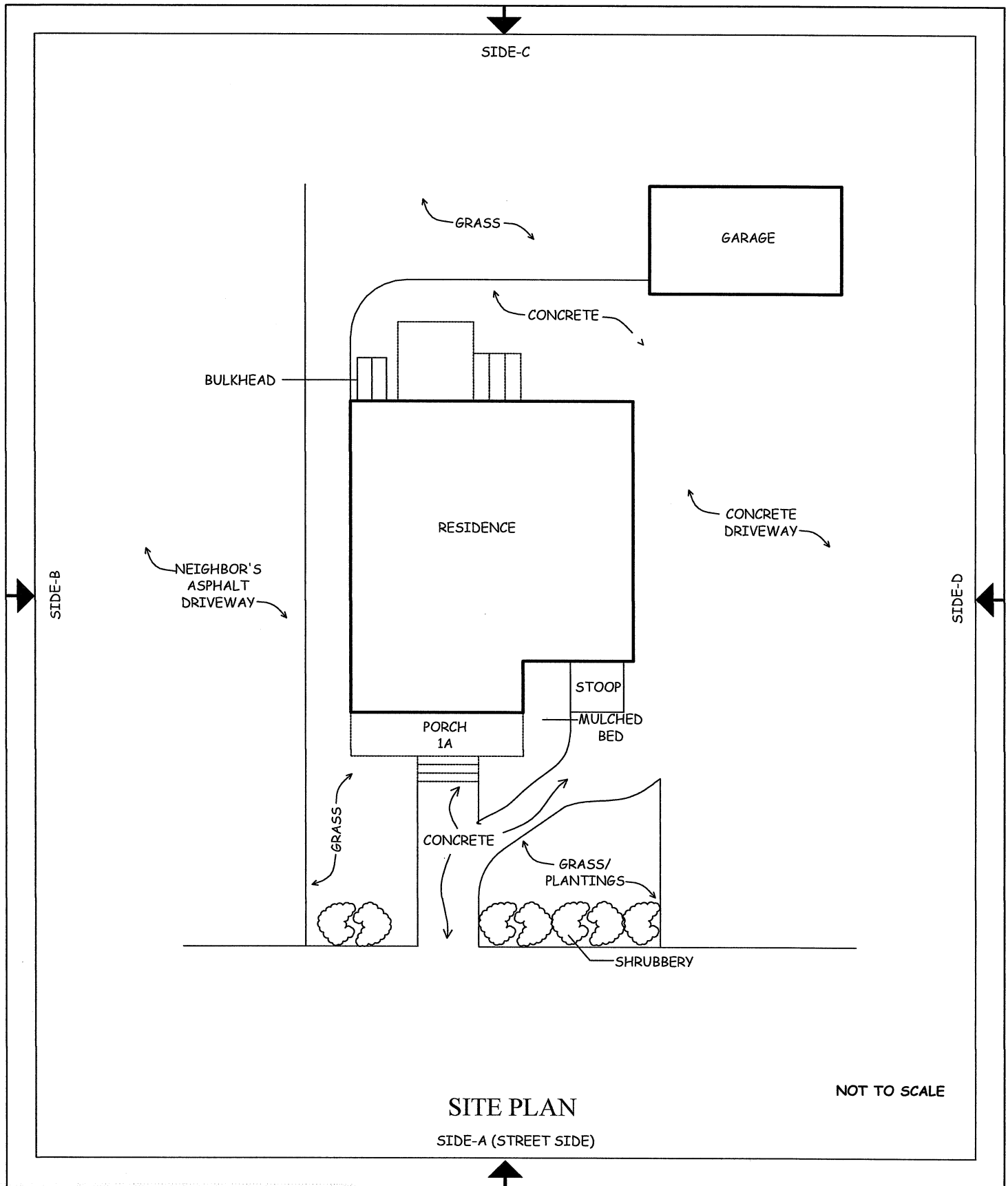


NOT TO SCALE

SITE PLAN

SIDE-A (STREET SIDE)

EAGLE Environmental, Inc.

8 SOUTH MAIN STREET, SUITE 3
TERRYVILLE, CONNECTICUT 06786
860-589-8257

DATE: 09/23/2014
PROJECT NO.: 14-028.12T27
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
261 ADAMS STREET
BRIDGEPORT, CONNECTICUT

SHEET NO.

SP-1

\\eaglesvr\public\2014 files\2014 autocad\capital studio architects\261 adams street\inspection\cad\261 adams street.dwg

SIDE-C

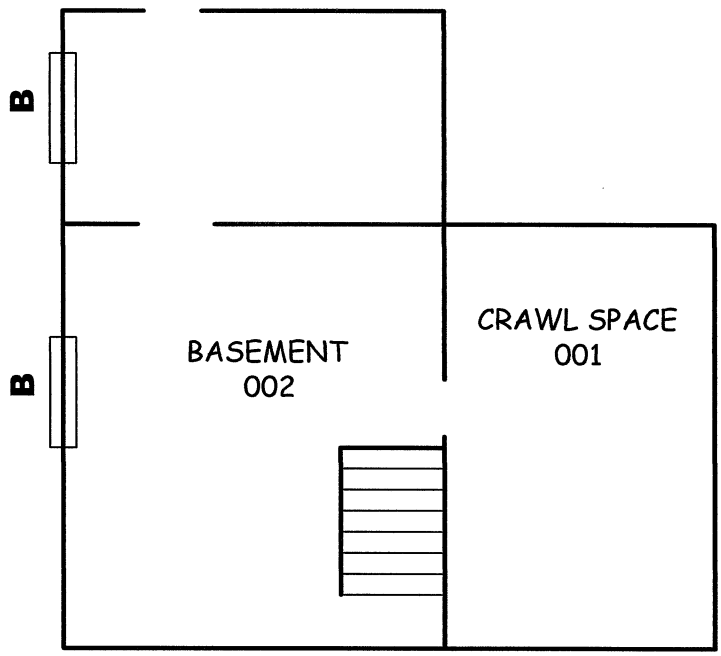
WINDOW KEY:

CODE-WINDOW
(EG. OW)

B BASEMENT

OW = OLDER OR ORIGINAL WOOD SASH (TESTED POSITIVE FOR LEAD-BASED PAINT)

V = VINYL SASH



SIDE-B

SIDE-D

BASEMENT

NOT TO SCALE

SIDE-A (STREET SIDE)

EAGLE Environmental, Inc.

8 SOUTH MAIN STREET, SUITE 3
TERRYVILLE, CONNECTICUT 06786
860-589-8257

DATE: 09/23/2014
PROJECT NO.: 14-028.12T27
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
261 ADAMS STREET
BRIDGEPORT, CONNECTICUT

SHEET NO.

FP-1

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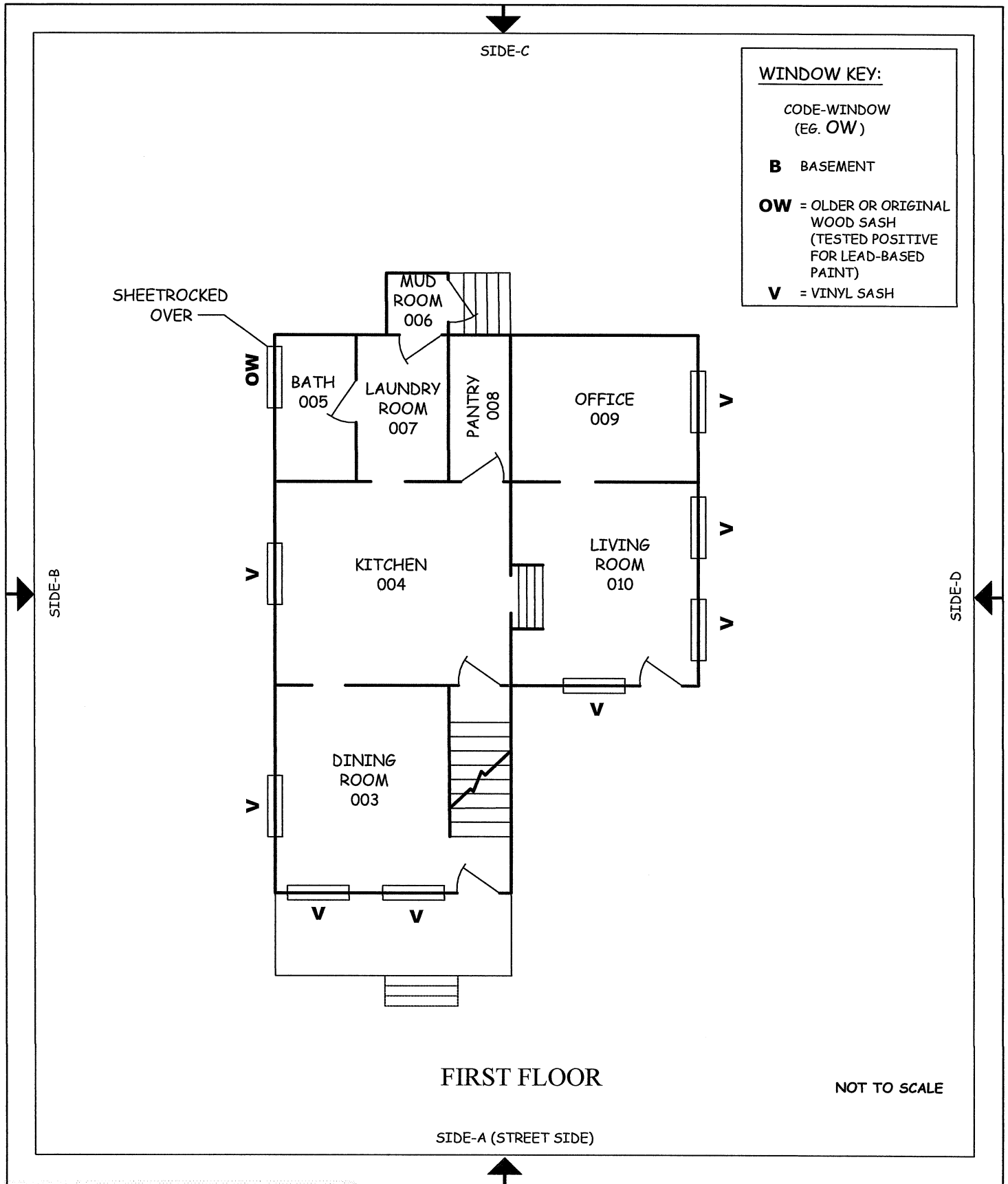

FIRST FLOOR

NOT TO SCALE

EAGLE Environmental, Inc.
8 SOUTH MAIN STREET, SUITE 3
TERRYVILLE, CONNECTICUT 06786
860-589-8257

DATE: 09/23/2014
PROJECT NO.: 14-028.12T27
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
261 ADAMS STREET
BRIDGEPORT, CONNECTICUT

SHEET NO.
FP-2
SHEET 3 OF 4

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SIDE-C

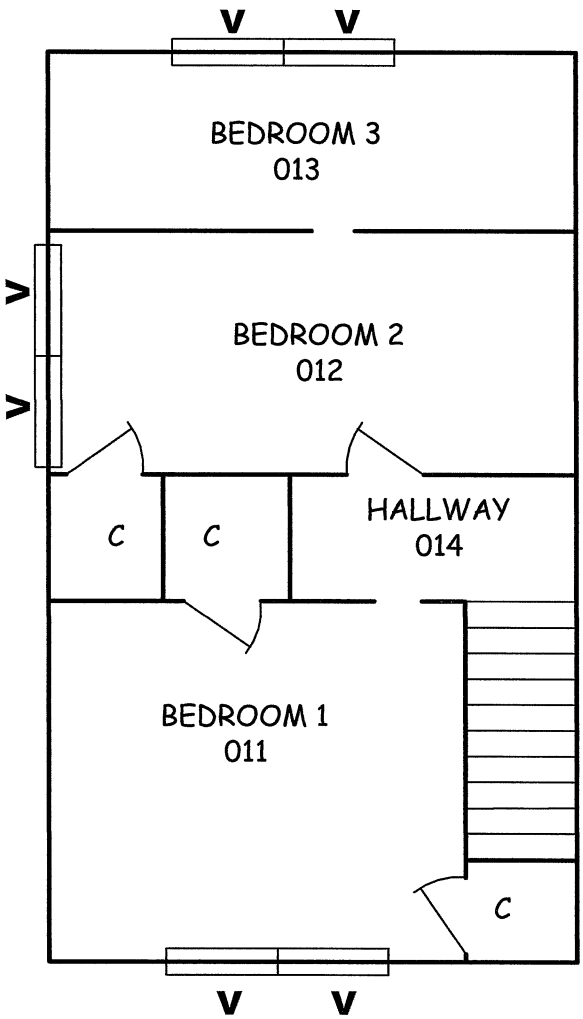
WINDOW KEY:

CODE-WINDOW
(EG. OW)

B BASEMENT

OW = OLDER OR ORIGINAL WOOD SASH (TESTED POSITIVE FOR LEAD-BASED PAINT)

V = VINYL SASH



SIDE-B

SIDE-D

NOT TO SCALE

SECOND FLOOR

SIDE-A (STREET SIDE)

EAGLE Environmental, Inc.

8 SOUTH MAIN STREET, SUITE 3
TERRYVILLE, CONNECTICUT 06786
860-589-8257

DATE: 09/23/2014
PROJECT NO.: 14-028.12T27
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REVIEWED BY: AH

ENVIRONMENTAL REVIEW
261 ADAMS STREET
BRIDGEPORT, CONNECTICUT

SHEET NO.

FP-3

SHEET 4 OF 4

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APPENDIX 2

ASBESTOS BULK SAMPLE LABORATORY REPORTS

OrderID: 031436709

EMSL – MA	EMSL – CT	EMSL – NY	EMSL – NJ
7 Constitution Way, Ste 107	29 N. Plains Hwy, Unit 4	307 West 38th Street	107 Haddon Avenue
Woburn, MA 01801	Wallingford, CT 06492	New York, NY 10018	Westmont, NJ 08108
(781) 933-8411	(203) 284-5948	(866) 448-3675	(800) 220-3675
(781) 933-8412 Fax	(203) 284-5978 Fax	(212) 290-0058 Fax	(856) 858-4960 Fax

www.emsl.com

031436709

Your Name:	Brandy LeBlanc	**Project Manager:**	PF
Company:	Eagle Environmental, Inc.		
Street:	8 South Main Street, Suite 3		
City/State/Zip:	Terryville, CT 06786		
Phone:	860-589-8257 ext. 203 **Fax:** 860-585-7034	**Email:**	bleblanc@eagleenviro.com, nporter@eagleenviro.com; dwynne@eagleenviro.com; rsioch@eagleenviro.com
Project Name	CSA Super Storm Sandy	**Project #:**	14-028.12T27
Project Location:	261 Adams St., Bridgeport	**Project State (US):**	CT

TURNAROUND TIME

☐ 3 Hours	☐ 6 Hours	☑ 24 Hours	☐ 48 Hours	☐ 72 Hours	☐ 4 Days	☐ 5 Days	☐ 6-10 Days

SAMPLE MATRIX

☐ Air	☑ Bulk	☐ Soil	☐ Wipe	☐ Micro-Vac	☐ Drinking Water	☐ Wastewater	☐ Chips	☐ Other

ASBESTOS ANALYSIS

PCM - Air
- ☐ NIOSH 7400 (A) Issue 2. August 1994
- ☐ OSHA w/TWA

TEM AIR
- ☐ AHERA 40 CFR, Part 763 Subpart E
- ☐ NIOSH 7402 Issue 2
- ☐ EPA Level II

PLM - Bulk
- ☒ EPA 600/R-93/116
- ☐ NY Stratified Point Count
- ☐ California Air Resource Board (CARB) 435
- ☐ NIOSH 9002
- ☐ PLM NOB (Gravimetric) NYS 198.1
- ☐ EPA Point Count (400 Points)
- ☐ EPA Point Count (1,000 Points)
- ☐ Standard Addition Point Count

SOILS
- ☐ EPA Protocol Qualitative
- ☐ EPA Protocol Quantitative
- ☐ EMSL MSD 9000 Method fibers/gram
- ☐ Superfund EPA 540-R097-028 (dust generation)

TEM BULK
- ☐ Drop Mount (Qualitative)
- ☐ Chatfield SOP-1988-02
- ☐ TEM NOB (Gravimetric) NY 198.4

TEM MICROVAC
- ☐ ASTM D 5755-95 (Quantitative)

TEM WIPE
- ☐ ASTM D-6480-99
- ☐ Qualitative☐

TEM WATER
- ☐ EPA 100.1
- ☐ EPA 100.2
- ☐ NYS 198.2
- ☐ Other:_____

LEAD ANALYSIS

Flame Atomic Absorption
- ☐ Wipe, SW846-7420☐ASTM ☐ non ASTM
- ☐ Soil, SW846-7420
- ☐ Air, NIOSH 7082
- ☐ Chips, SW846-7420 or AOAC 5.009 (974.02)
- ☐ Wastewater, SW 846-7420
- ☐ TCLP LEAD SW846-1311/7420

Graphite Furnace Atomic Absorption
- ☐ Air, NIOSH 7105
- ☐ Wastewater, SW846-7421
- ☐ Soil, SW846-7421
- ☐ Drinking Water, EPA 239.2

ICP – Inductively Coupled Plasma
- ☐Wipe, SW846-6010☐ASTM ☐ non ASTM
- ☐ Soil, SW846-6010
- ☐ Air, NIOSH 7300

MATERIALS ANALYSIS

- ☐ Full Particle Identification
- ☐ Optical Particle Identification
- ☐ Dust Mites and Insect Fragments
- ☐ Particle Size & Distribution
- ☐ Product Comparison
- ☐ Paint Characterizaton
- ☐ Failure Analysis
- ☐ Corrosion Analysis
- ☐ Glove Box Containment Study
- ☐ Petrographic Examination of Concrete
- ☐ Portland Cement in Workplace Atmospheres (OSHA ID-143)
- ☐ Man Made Vitrous Fibers – MMVF's
- ☐ Synthetic Fiber Identification
- ☐ Other _____

MICROBIAL ANALYSIS

Air Samples
- ☐Mold & Fungi by Air O Cell
- ☐Mold & Fungi by Agar Plate count & id
- ☐Bacterial Count and Gram Stain
- ☐Bacterial Count and Identification

Water Samples
- ☐ Total Coliforms, Fecal Coliforms
- ☐ Escherichia Coli, Fecal Streptococcus
- ☐ Legionella
- ☐ Salmonella
- ☐ Giardia and Cryptosporidium

Wipe and Bulk Samples
- ☐ Mold & Fungi – Direct Examination
- ☐ Mold & Fungi – (Culture follow up to direct examination if necessary)
- ☐ Mold & Fungi – Culture (Count & ID)
- ☐ Mold & Fungi – Culture (Count only)
- ☐ Bacterial Count & Gram Stain
- ☐ Bacterial Count & Identification (3 most prominent types)
- ☐ Other:_____

IAQ ANALYSIS

- ☐ Nuisance Dust (NIOSH 0500 & 0600)
- ☐ Airborne Dust (PM10, TSP)
- ☐ Silica Analysis by XRD ☐Niosh 7500
- ☐ HVAC Efficiency
- ☐ Carbon Black
- ☐ Airborne Oil Mist
- ☐ Other:_____

Additional Information/Comments/Instructions: **PLEASE STOP ON 1ST POSITIVE WITHIN SETS

Client Sample # (S)	9-22-AC-01	9-22-AC-28	**TOTAL SAMPLE #**	25/28	
Relinquished:	ANDREW CARNEVALE	**Date:**	9-22-2014	**Time:**	PM
Received:	NANCY PORTER	**Date:**	9-22-2014	**Time:**	PM
Relinquished:	NANCY PORTER	**Date:**	9-22-2014	**Time:**	PM
Received:	Brian Eckhardt	**Date:**	9/23/14	**Time:**	10:12 AM

9/23/14 SIOR

OrderID: 031436709

EMSL – MA
7 Constitution Way, Ste 107
Woburn, MA 01801
(781) 933-8411
(781) 933-8412 Fax

EMSL – CT
29 N. Plains Hwy, Unit 4
Wallingford, CT 06492
(203) 284-5948
(203) 284-5978 Fax

EMSL – NY
307 West 38th Street
New York, NY 10018
(866) 448-3675
(212) 290-0058 Fax

EMSL – NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

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031436709

SAMPLE NUMBER	SAMPLE DESCRIPTION	ROOM or LOCATION	VOLUME Air (L)	Area (Inches sq.)
9-22-AC-01	White paper debris in dirt	Rm 001		45% Chrys
9-22-AC-02	White paper debris in dirt	Rm 001		DNA
9-22-AC-03	Flue cement	Rm 002		NAD
9-22-AC-04	Flue cement	Rm 002		↓
9-22-AC-05	Stored cementious panels	Rm 002		8% Chrys
9-22-AC-06	Stored cementious panels	Rm 002		DNA
9-22-AC-07	Mineral wool insulation	Rm 002		NAD
9-22-AC-08	Mineral wool insulation	Rm 002		
9-22-AC-09	Mineral wool insulation	Rm 002		
9-22-AC-10	Rough coat plaster	Rm 002		
9-22-AC-11	Rough coat plaster	Rm 002		
9-22-AC-12	Rough coat plaster	Rm 002		
9-22-AC-13	Skim coat plaster	Rm 002		
9-22-AC-14	Skim coat plaster	Rm 002		
9-22-AC-15	Skim coat plaster	Rm 002		
9-22-AC-16	Boiler insulation	Rm 002		
9-22-AC-17	Boiler insulation	Rm 002		
9-22-AC-18	Boiler insulation	Rm 002		
9-22-AC-19	Hard seam caulk	Fac C		
9-22-AC-20	Hard seam caulk	Fac C		
9-22-AC-21	Cement board siding	Fac C		12% Chrys
9-22-AC-22	Cement board siding	Fac A		DNA
9-22-AC-23	Paper under siding	Fac C		NAD 9.2 Bmm
9-22-AC-24	Paper under siding	Fac A	HA	9/20

Brian Eckert 10:12 AM 9/23/14 SIGN

OrderID: 031436709

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EMSL – CT
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(203) 284-5978 Fax

EMSL – NY
307 West 38th Street
New York, NY 10018
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EMSL – NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

www.emsl.com

031436709

SAMPLE NUMBER	SAMPLE DESCRIPTION	ROOM or LOCATION	VOLUME Air (L)	Area (Inches sq.)
9-22-AC-25	Window caulk	Fac C		NAD
9-22-AC-26	Window caulk	Fac C		
9-22-AC-27	Rubbery window sill caulk	Fac B		
9-22-AC-28	Rubbery window sill caulk	Fac B		

7:43 AM
Henry A 9/24

Brian Erhardt 9/23/14 0/6R

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone/Fax: (212) 290-0051 / (212) 290-0058
http://www.EMSL.com manhattanlab@emsl.com

EMSL Order:	031436709
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

Attn: **Brandy LeBlanc**
Eagle Environmental, Inc. - CT
8 South Main Street
Suite 3
Terryville, CT 06786

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	09/23/14 10:12 AM
Analysis Date:	9/24/2014
Collected:	9/22/2014

Project: **14-028.12T27/ CSA SUPER STORM SANDY / 261 ADAMS STREET / BRIDGEPORT, CT**

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**
9-22-AC-01 *031436709-0001*	WHITE PAPER DEBRIS IN DIRT / ROOM 001	Gray/Tan Fibrous Homogeneous	15%	Cellulose	40%	Non-fibrous (other)	**45%**	**Chrysotile**
9-22-AC-02 *031436709-0002*	WHITE PAPER DEBRIS IN DIRT / ROOM 001						**Stop Positive (Not Analyzed)**	
9-22-AC-03 *031436709-0003*	FLUE CEMENT / ROOM 002	Gray Non-Fibrous Homogeneous	5%	Wollastonite	15% 80%	Ca Carbonate Non-fibrous (other)	**None Detected**	
9-22-AC-04 *031436709-0004*	FLUE CEMENT / ROOM 002	Gray Non-Fibrous Homogeneous			55% 15% 30%	Quartz Ca Carbonate Non-fibrous (other)	**None Detected**	
9-22-AC-05 *031436709-0005*	STORED CEMENTITIOUS PANELS / ROOM 002	Gray Fibrous Homogeneous			57% 35%	Ca Carbonate Non-fibrous (other)	**8%**	**Chrysotile**
9-22-AC-06 *031436709-0006*	STORED CEMENTITIOUS PANELS / ROOM 002						**Stop Positive (Not Analyzed)**	
9-22-AC-07 *031436709-0007*	MINERAL WOOL INSULATION / ROOM 002	Brown/Gray/White Fibrous Heterogeneous	96%	Cellulose	4%	Non-fibrous (other)	**None Detected**	
			Sample is shredded newspaper insulation.					
9-22-AC-08 *031436709-0008*	MINERAL WOOL INSULATION / ROOM 002	Brown/Gray/White Fibrous Heterogeneous	98%	Cellulose	2%	Non-fibrous (other)	**None Detected**	
			Sample is shredded newspaper insulation.					

Initial report from 09/24/2014 08:28:54

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
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Project: **14-028.12T27/ CSA SUPER STORM SANDY / 261 ADAMS STREET / BRIDGEPORT, CT**

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**
9-22-AC-09 *031436709-0009*	MINERAL WOOL INSULATION / ROOM 002	Brown/Gray/White Fibrous Heterogeneous	98%	Cellulose	2%	Non-fibrous (other)	**None Detected**
			Sample is shredded newspaper insulation.				
9-22-AC-10 *031436709-0010*	ROUGH COAT PLASTER/ ROOM 002	Gray/White Non-Fibrous Homogeneous	<1% 2%	Cellulose Hair	60% 18% 20%	Quartz Ca Carbonate Non-fibrous (other)	**None Detected**
9-22-AC-11 *031436709-0011*	ROUGH COAT PLASTER/ ROOM 002	Gray/White Non-Fibrous Homogeneous	1% 3%	Cellulose Hair	55% 16% 25%	Quartz Ca Carbonate Non-fibrous (other)	**None Detected**
9-22-AC-12 *031436709-0012*	ROUGH COAT PLASTER/ ROOM 002	Brown/Gray Non-Fibrous Homogeneous	3%	Hair	45% 25% 27%	Quartz Gypsum Non-fibrous (other)	**None Detected**
9-22-AC-13 *031436709-0013*	SKIM COAT PLASTER/ ROOM 002	White/Green Non-Fibrous Heterogeneous			70% 5% 25%	Gypsum Ca Carbonate Non-fibrous (other)	**None Detected**
9-22-AC-14 *031436709-0014*	SKIM COAT PLASTER/ ROOM 002	White/Green Non-Fibrous Heterogeneous			62% 8% 30%	Gypsum Ca Carbonate Non-fibrous (other)	**None Detected**
9-22-AC-15 *031436709-0015*	SKIM COAT PLASTER/ ROOM 002	Gray/Tan Non-Fibrous Homogeneous			33% 15% 25% 27%	Quartz Gypsum Ca Carbonate Non-fibrous (other)	**None Detected**

Initial report from 09/24/2014 08:28:54

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Project: **14-028.12T27/ CSA SUPER STORM SANDY / 261 ADAMS STREET / BRIDGEPORT, CT**

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**
9-22-AC-16 *031436709-0016*	BOILER INSULATION / ROOM 002	White Fibrous Homogeneous	92%	Min. Wool	8% Non-fibrous (other)		**None Detected**
9-22-AC-17 *031436709-0017*	BOILER INSULATION / ROOM 002	White Fibrous Homogeneous	3% 82%	Cellulose Min. Wool	15% Non-fibrous (other)		**None Detected**
9-22-AC-18 *031436709-0018*	BOILER INSULATION / ROOM 002	White Fibrous Homogeneous	88%	Min. Wool	12% Non-fibrous (other)		**None Detected**
9-22-AC-19 *031436709-0019*	HARD SEAM CAULK / FAÇADE C	Gray/White Non-Fibrous Homogeneous	8%	Fibrous (other)	67% Ca Carbonate 25% Non-fibrous (other)		**None Detected**
9-22-AC-20 *031436709-0020*	HARD SEAM CAULK / FAÇADE C	Gray Non-Fibrous Homogeneous	5%	Fibrous (other)	45% Ca Carbonate 50% Non-fibrous (other)		**None Detected**
9-22-AC-21 *031436709-0021*	CEMENT BOARD SIDING / FAÇADE A	Gray/Tan/Blue Fibrous Heterogeneous			53% Ca Carbonate 35% Non-fibrous (other)	**12%**	**Chrysotile**
9-22-AC-22 *031436709-0022*	CEMENT BOARD SIDING / FAÇADE C						**Stop Positive (Not Analyzed)**
9-22-AC-23 *031436709-0023*	PAPER UNDER SIDINING / FAÇADE C	Black Fibrous Homogeneous	38%	Cellulose	7% Mica 40% Matrix 15% Non-fibrous (other)		**None Detected**
9-22-AC-24 *031436709-0024*	PAPER UNDER SIDINING / FAÇADE A	Black Non-Fibrous Homogeneous			44% Matrix 56% Non-fibrous (other)		**None Detected**

Initial report from 09/24/2014 08:28:54

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Project: **14-028.12T27/ CSA SUPER STORM SANDY / 261 ADAMS STREET / BRIDGEPORT, CT**

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**
9-22-AC-25 *031436709-0025*	WINDOW CAULK/ FAÇADE C	Gray/White Non-Fibrous Heterogeneous	<1%	Fibrous (other)	85% Ca Carbonate 15% Non-fibrous (other)	**None Detected**
9-22-AC-26 *031436709-0026*	WINDOW CAULK/ FAÇADE C	Gray/White Non-Fibrous Homogeneous			90% Ca Carbonate 10% Non-fibrous (other)	**None Detected**
9-22-AC-27 *031436709-0027*	RUBBERY WINDOW SILL CAULK / FAÇADE B	Gray/White Non-Fibrous Homogeneous			55% Ca Carbonate 40% Matrix 5% Non-fibrous (other)	**None Detected**
9-22-AC-28 *031436709-0028*	RUBBERY WINDOW SILL CAULK / FAÇADE B	Gray Non-Fibrous Homogeneous			33% Matrix 67% Non-fibrous (other)	**None Detected**

Initial report from 09/24/2014 08:28:54

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Project: **14-028.12T27/ CSA SUPER STORM SANDY / 261 ADAMS STREET / BRIDGEPORT, CT**

The samples in this report were submitted to EMSL for analysis by Asbestos Analysis of Bulk Materials via EPA 600/R-93/116 Method using Polarized Light Microscopy. The reference number for these samples is the EMSL Order ID above. Please use this reference number when calling about these samples.

Report Comments:

Sample Receipt Date::	9/23/2014	Sample Receipt Time:	10:12 AM
Analysis Completed Date:	9/24/2014	Analysis Completed Time:	7:40 AM

Analyst(s):

Henry Akintunde PLM (6)

Steve Jusczuk PLM (19)

Samples reviewed and approved by:

James Hall, Laboratory Manager
or other approved signatory

Initial report from 09/24/2014 08:28:54

APPENDIX 3

INTERIOR AND EXTERIOR VISUAL ASSESSMENT FORMS

EAGLE Environmental, Inc.

EXTERIOR VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Side: Facade "A"

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A B C D	(I) F P		
Skirt Board	A B C D	I F P		
Corner Board	A B C D	I F P		
Upper Trim	(A) B C D	I F (P)	Assume (P)	
Porch Column	(A) B C D	I F (P)		
Porch Floor	(A) B C D	I F (P)		
Porch Ceiling	(A) B C D	I F (P)	(P)	
Porch Trim	(A) B C D	I F (P)	soffit (P)	
Window Casing	(A) B C D	I F P	wrapped	
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	(A) B C D	I F P	wrapped	
Door	(A) B C D	I F P		
Door Casing	(A) B C D	I F P		
Door Jamb	(A) B C D	I F P		
Foundation	(A) B C D	(I) F P	Porch foundation	u/p
Gutters	A B C D	I F P		
Rain Leaders	A B C D	I F P		
Porch Rail sys.	(A) B C D	I F (P)		
Stairs	(A) B C D	(I) F P	u/p concrete	
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		

8 SOUTH MAIN STREET • TERRYVILLE, CT 06786
PHONE (860) 589-8257 • FAX (860) 585-7034

EAGLE Environmental, Inc.

EXTERIOR VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Side: Facade B

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A (B) C D	(I) F P		
Skirt Board	A B C D	I F P		
Corner Board	A B C D	I F P		
Upper Trim	A (B) C D	I F (P)	Assume (I)	
Porch Column	A B C D	I F P		
Porch Floor	A B C D	I F P		
Porch Ceiling	A B C D	I F P		
Porch Trim	A B C D	I F P		
Window Casing	A (B) C D	I F P	enclosed	
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A (B) C D	I F P	enclosed	
Door	A B C D	I F P		
Door Casing	A B C D	I F P		
Door Jamb	A B C D	I F P		
Foundation	A (B) C D	I F (P)		
Gutters	A B C D	I F P		
Rain Leaders	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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	A B C D	I F P		

8 SOUTH MAIN STREET • TERRYVILLE, CT 06786
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EAGLE Environmental, Inc.

EXTERIOR VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Side: Facade C

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A B (C) D	(I) F P		
Skirt Board	A B C D	I F P		
Corner Board	A B C D	I F P		
Upper Trim	A B (C) D	I F (P)	Assume (+)	
Porch Column	A B C D	I F P		
Porch Floor	A B C D	I F P		
Porch Ceiling	A B C D	I F P		
Porch Trim	A B C D	I F P		
Window Casing	A B (C) D	I F (P)	XRF (+)	
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C D	I F P		
Door	A B (C) D	I F P	Storm door	
Door Casing	A B C D	I F P		
Door Jamb	A B C D	I F P		
Foundation	A B (C) D	I F (P)		
Gutters	A B C D	I F P		
Rain Leaders	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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EAGLE Environmental, Inc.

EXTERIOR VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Side: Facade "D"

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A B C (D)	I F (P)		
Skirt Board	A B C D	I F P		
Corner Board	A B C D	I F P		
Upper Trim	A B C (D)	I F (P)	Assume P	
Porch Column	A B C D	I F P		
Porch Floor	A B C D	I F P		
Porch Ceiling	A B C D	I F P		
Porch Trim	A B C D	I F P		
Window Casing	A B C (D)	(I) F P	enclosed	
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C (D)	(I) F P	enclosed	
Door	A B C D	I F P		
Door Casing	A B C D	I F P		
Door Jamb	A B C D	I F P		
Foundation	A B C (D)	(I) F P	unpainted	
Gutters	A B C D	I F P		
Rain Leaders	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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	A B C D	I F P		

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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: Crawl Space

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P		
Wall	A B C D	I F P		
Ceiling	A B C D	I F P		
Door	A B C D	I F P		
Door Casing	A B C D	I F P		
Door Jamb	A B C D	I F P		
Baseboard	A B C D	I F P		
Window Casing	A B C D	I F P		
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C D	I F P		
Window Apron	A B C D	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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	A B C D	I F P		

NO PAINTED COMPONENTS

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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 002 Basement

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Dirt	
Wall	A B C D	(I) F P	unpainted brick/field stone	
Ceiling	A B C D	(I) F P	unpainted	
Door	A B (C) D	I F P		
Door Casing	A B (C) D	I F P		
Door Jamb	A B (C) D	I F P		
Baseboard	A B C D	I F P		
Window Casing	A B C D	I F P		
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A (B) C (D)	I F (P)	D-opening boarded up	
Window Well	A B C D	I F P		
Window Sill	A B C D	I F P		
Window Apron	A B C D	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 003 Dining Rm All new

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P		
Wall	(A)(B)(C)(D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	(A) B C D	(I) F P	new pre-hung door on "A"	
Door Casing	(A) B (C) D	(I) F P		
Door Jamb	(A) B C D	(I) F P		
Baseboard	(A)(B)(C)(D)	(I) F P		
Window Casing	(A)(B) C D	(I) F P		
Window Stop	(A)(B) C D	(I) F P		
Window Jamb	A B C D	I F P	vinyl replacement windows	
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	(A)(B) C D	(I) F P		
Window Apron	(A)(B) C D	(I) F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C (D)	(I) F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 004 Kitchen

All new

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P		
Wall	(A)(B)(C)(D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	(A) B C D	(I) F P		
Door Casing	(A) B (C) (D)	(I) F P		
Door Jamb	(A) B C D	(I) F P		
Baseboard	A B C D	I F P		
Window Casing	A (B) C D	(I) F P		
Window Stop	A (B) C D	(I) F P		
Window Jamb	A B C D	I F P	vinyl window replacement	
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A (B) C D	(I) F P		
Window Apron	A (B) C D	(I) F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A (B)(C) D	(I) F P		
Cabinet Door	A (B)(C) D	(I) F P		
Cabinet Frame	A (B)(C) D	(I) F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 005 Bath

All new

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P	ceramic tiles	
Wall	(A) (B) (C) (D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	A B C (D)	(I) F P		
Door Casing	A B C (D)	(I) F P		
Door Jamb	A B C (D)	(I) F P		
Baseboard	(A) (B) (C) (D)	(I) F P		
Window Casing	A B C D	I F P		
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C D	I F P		
Window Apron	A B C D	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C (D)	(I) F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 00e Mud Rm

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F (P)	XRF - Plywood	
Wall	(A) (B) (C) (D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	A B C D	I F P	storm door	
Door Casing	A B C (D)	(I) F P		
Door Jamb	A B C (D)	(I) F P		
Baseboard	A B C D	I F P		
Window Casing	A B (C) D	I F P		
Window Stop	A B C D	I F P	storm window	
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B (C) D	I F P		
Window Apron	A B C D	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	(A) (B) (C) (D)	(I) F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 007 Laundry Rm

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P		
Wall	(A) (B) (C) (D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	A B C D	I F P		
Door Casing	(A) B (C) D	(I) F P		
Door Jamb	A B C D	I F P		
Baseboard	(A) (B) (C) (D)	(I) F P		
Window Casing	A B C D	I F P		
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C D	I F P		
Window Apron	A B C D	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 008 Pantry

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P	linoleum	
Wall	(A) (B) (C) (D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	(A) B C D	I F (P)		
Door Casing	(A) B C D	(I) F P		
Door Jamb	(A) B C D	I F (P)		
Baseboard	A B C D	I F P		
Window Casing	A B C D	I F P		
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C D	I F P		
Window Apron	A B C D	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A (B) C (D)	(I) F P		
Cabinet Door	A (B) C (D)	(I) F P		
Cabinet Frame	A (B) C (D)	(I) F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: CC9 Office — Rm was a patio that has been enclosed - built on slab

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P		
Wall	(A)(B)(C)(D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	A B (C) D	I F P		
Door Casing	(A) B C D	(I) F P		
Door Jamb	A B C D	I F P		
Baseboard	(A)(B)(C)(D)	(I) F P		
Window Casing	A B C (D)	(I) F P		
Window Stop	A B C (D)	(I) F P		
Window Jamb	A B C D	I F P	vinyl window replacement	
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C (D)	(I) F P		
Window Apron	A B C (D)	(I) F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
Stair treads	(A) B C D	(I) F P		
risers	(A) B C D	(I) F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 010 Living Rm

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P		
Wall	(A)(B)(C)(D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	(A) B C D	(I) F P	Pre-hung entry door od "A"	
Door Casing	(A)(B)(C) D	(I) F P		
Door Jamb	(A) B C D	(I) F P		
Baseboard	(A)(B)(C)(D)	(I) F P		
Window Casing	(A) B C (D)	(I) F P		
Window Stop	(A) B C (D)	(I) F P		
Window Jamb	A B C D	I F P	Vinyl replacement windows	
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	(A) B C (D)	(I) F P		
Window Apron	(A) B C (D)	(I) F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
Stair treads	A (B) C D	(I) F P		
risers	A (B) C D	(I) F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		

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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 011 Bedroom 1

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P	Carpet	
Wall	(A) (B) (C) (D)	(I) F P	Panel over plaster	
Ceiling	A B C D	I F (P)	XRF ⊕ cracks	
Door	A B C D	I F P	vinyl folding door	
Door Casing	A B (C) D	I F (P)		
Door Jamb	A B (C) D	I F (P)		
Baseboard	(A) (B) (C) (D)	(I) F P		
Window Casing	(A) B C D	I F (P)		
Window Stop	(A) B C D	I F (P)		
Window Jamb	A B C D	I F P	vinyl window replacements	
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	(A) B C D	I F (P)		
Window Apron	(A) B C D	I F (P)		
Closet Door	A B (C) (D)	I F (P)	cracks on walls and ceilings	
Clst.Door Casing	A B (C) (D)	I F (P)		
Clst.Door Jamb	A B (C) (D)	I F (P)		
Closet Shelf	A B (C) (D)	I F (P)		
Shelf Support	A B (C) (D)	I F (P)		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		

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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 012 Bedroom 2

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(T) F P	carpet	
Wall	(A)(B)(C)(D)	(T) F P	Panel over plaster	
Ceiling	A B C D	I F (P)	XRF ✓	
Door	A B C D	I F P	vinyl folding door	
Door Casing	(A) B (C) D	I F (P)		
Door Jamb	(A) B C D	I F (P)		
Baseboard	A B C D	I F P	cannot determine condition	
Window Casing	A (B) C D	I F (P)		
Window Stop	A (B) C D	I F (P)		
Window Jamb	A B C D	I F P	vinyl replacement windows	
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A (B) C D	I F (P)		
Window Apron	A (B) C D	I F (P)		
Closet Door	(A) B C D	I F (P)		
Clst.Door Casing	(A) B C D	I F (P)		
Clst.Door Jamb	(A) B C D	I F (P)		
Closet Shelf	(A) B C D	I F (P)		
Shelf Support	(A) B C D	I F (P)		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		

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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 013 Bedroom 3

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P	carpet	
Wall	(A)(B)(C)(D)	(I) F P	Panel over plaster	
Ceiling	A B C D	I F (P)		
Door	A B C D	I F P	vinyl folding door	
Door Casing	(A) B C D	(I) F P		
Door Jamb	(A) B C D	(I) F P		
Baseboard	A B C D	I F P		
Window Casing	A B (C) D	I F (P)	ASSUME LEADED	
Window Stop	A B (C) D	I F (P)		
Window Jamb	A B C D	I F P	vinyl window replacements	
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B (C) D	I F (P)	ASSUME LEADED	
Window Apron	A B (C) D	I F (P)		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
Door Thresh	(A) B C D	I F (P)	XRF (-)	
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		

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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 261 Adams Street, Bridgeport

Room No: 014 Hallway

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P	carpet	
Wall	(A) (B) (C) (D)	(I) F P	plaster + panel	
Ceiling	A B C D	(I) F P		
Door	A B C D	I F P		
Door Casing	(A) B (C) D	(I) F P		
Door Jamb	A B C D	I F P		
Baseboard	A B C D	I F P		
Window Casing	A B C D	I F P		
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C D	I F P		
Window Apron	A B C D	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
Stair treads	A B C D	(I) F P	carpeted	
risers	A B C D	(I) F P		
Stringer	A B C D	(I) F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		

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APPENDIX 4

XRF LEAD-BASED PAINT INSPECTION REPORTS

LEAD PAINT INSPECTION REPORT

REPORT NUMBER: S#02753 - 09/22/14 10:30

INSPECTION FOR: Mr. David Holmes
Capital Studio Architects
1379 Main Street
East Hartford, CT 06108

PERFORMED AT: 261 Adams Street
Bridgeport, CT

INSPECTION DATE: 09/22/14

INSTRUMENT TYPE: R M D
MODEL LPA-1
XRF TYPE ANALYZER
Serial Number: 02753

ACTION LEVEL: 1.0 mg/cm²

OPERATOR LICENSE: 002206

A Lead-Based Paint Hazard Screen was performed for the interiors and exteriors of the building.

SIGNED: _____ Date: 9/22/14

Kristen Liljehult
Lead Inspector / Risk Assessor
Eagle Environmental, Inc.
8 South Main Street, Suite # 3
Terryville, CT 06786

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. David Holmes

Inspection Date:	09/22/14	261 Adams Street
Report Date:	9/22/2014	Bridgeport, CT
Abatement Level:	1.0	
Report No.	S#02753 - 09/22/14 10:30	
Total Readings:	114 Actionable: 40	
Job Started:	09/22/14 10:30	
Job Finished:	09/22/14 13:10	

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Exterior Room 002 Facade B									
100	B	Basmnt Win.	Rgt	Casing	P	Wood	white	1.3	QM
basement windows are boarded up									
102	B	Window	Lft	Sill	P	Aluminum	white	>9.9	QM
Comment: Upper soffit, fascia boards are inaccessible due to height restrictions. Assume leaded.									
Exterior Room 003 Facade C									
106	C	Window	Ctr	Casing	P	Wood	white	1.8	QM
around storm window in mud room.									
Exterior Room 005 Porch 1A									
090	A	Boxbeams	Ctr		P	Wood	white	>9.9	QM
091	A	Soffit	Ctr		P	Wood	white	>9.9	QM
089	A	Ceiling	Ctr		P	Wood	white	>9.9	QM
Interior Room 002 Basement									
017	B	Pipe	Rgt		P	Metal	orange	7.7	QM
014	B	Window	Lft	Sash	P	Wood	green	3.0	QM
Interior Room 006 Mud Room									
025	-	Ceiling	Ctr		I	Wood	white	>9.9	QM
022	A	Door	Ctr	Casing	P	Wood	white	>9.9	QM
Interior Room 008 Pantry									
030	A	Door	Ctr	Casing	P	Wood	beige	3.3	QM
031	A	Door	Ctr	Jamb	P	Wood	beige	2.6	QM
Interior Room 011 Bed Room 1									
063	-	Ceiling	Ctr		P	Plaster	white	1.5	QM
Flat part. cracking.									
064	-	Ceiling	Ctr		P	Plaster	white	1.8	QM
slanted part, some minor peeling paint.									
065	C	Door	Rgt	Stop	P	Wood	white	>9.9	QM
066	C	Door	Rgt	Jamb	P	Wood	white	7.2	QM
061	C	Closet	Ctr	Door stop	P	Wood	white	1.8	QM
062	C	Closet	Ctr	Door Thresh	P	Wood	white	9.7	QM
058	C	Closet	Ctr	Door	P	Wood	white	2.7	QM
060	C	Closet	Ctr	Door Jamb	P	Wood	white	1.7	QM
051	D	Closet	Rgt	Door stop	P	Wood	green	2.4	QM

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. David Holmes

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
052	D	Closet	Rgt	Door Thresh	P	Wood	white	1.8	QM
048	D	Closet	Rgt	Door	P	Wood	green	2.6	QM
050	D	Closet	Rgt	Door Jamb	P	Wood	beige	2.8	QM
044	D	Closet	Rgt	Wall	P	Plaster	green	>9.9	QM
046	D	Closet	Rgt	Shelf Sup.	P	Wood	green	>9.9	QM
	Cracks in walls and ceiling								
047	D	Closet	Rgt	Shelf	P	Wood	green	8.0	QM
045	D	Closet	Rgt	Ceiling	P	Plaster	green	>9.9	QM
Interior Room 012 Bed Room 2									
083	-	Ceiling	Ctr		P	Plaster	white	9.0	QM
067	A	Door	Lft	Casing	P	Wood	white	>9.9	QM
068	A	Door	Lft	Jamb	P	Wood	white	8.6	QM
069	A	Door	Lft	Stop	P	Wood	white	>9.9	QM
081	A	Closet	Rgt	Door stop	P	Wood	white	8.7	QM
079	A	Closet	Rgt	Door Casing	P	Wood	white	>9.9	QM
080	A	Closet	Rgt	Door Jamb	P	Wood	white	>9.9	QM
075	A	Closet	Rgt	Wall	P	Plaster	white	9.5	QM
071	B	Window	Ctr	Casing	P	Wood	white	2.4	QM
074	B	Window	Ctr	Stop	P	Wood	white	5.9	QM
073	B	Window	Ctr	Apron	P	Wood	white	2.5	QM
072	B	Window	Ctr	Sill	P	Wood	white	3.7	QM

Calibration Readings

---- End of Readings ----

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. David Holmes

Inspection Date:	09/22/14	261 Adams Street
Report Date:	9/22/2014	Bridgeport, CT
Abatement Level:	1.0	
Report No.	S#02753 - 09/22/14 10:30	
Total Readings:	114	
Job Started:	09/22/14 10:30	
Job Finished:	09/22/14 13:10	

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Exterior Room 001 Facade A									
086	A	Facade	Ctr		I	Transite	green	-0.6	QM
108	A	Stoop	Rgt	Floor	P	Wood	white	-0.3	QM
109	A	Stoop	Rgt	Skirtboard	P	Wood	white	-0.1	QM
110	A	Stoop	Rgt	Lattice	P	Wood	white	-0.4	QM
087	A	Door	Rgt	Casing	I	Wood	white	-0.2	QM
088	A	Door	Rgt	Kickplate	I	Wood	white	0.0	QM
111	A	Door	Rgt	Casing	P	Wood	white	-0.3	QM
Exterior Room 002 Facade B									
101	B	Basmnt Win.	Lft	Sash	P	Wood	green	0.5	QM
095	B	Foundation	Ctr		P	Concrete	gray	-0.5	QM
097	B	Foundation	Ctr		P	Concrete	gray	0.3	QM
098	B	Foundation	Ctr		P	Brick	gray	0.4	QM
099	B	Facade	Ctr		I	Transite	lt green	-0.9	QM
100	B	Basmnt Win.	Rgt	Casing	P	Wood	white	1.3	QM
	basement windows are boarded up								
102	B	Window	Lft	Sill	P	Aluminum	white	>9.9	QM
Comment:									
Upper soffit, fascia boards are inaccessible due to height restrictions. Assume leaded.									
Exterior Room 003 Facade C									
104	C	Foundation	Ctr		P	Concrete	gray	0.7	QM
105	C	Facade	Ctr		I	Transite	lt green	-0.7	QM
103	C	Bulkhead	Rgt		P	Metal	red	-0.4	QM
106	C	Window	Ctr	Casing	P	Wood	white	1.8	QM
	around storm window in mud room.								
Exterior Room 004 Facade D									
107	D	Facade	Ctr		P	Transite	lt green	-0.9	QM
Exterior Room 005 Porch 1A									
090	A	Boxbeams	Ctr		P	Wood	white	>9.9	QM
091	A	Soffit	Ctr		P	Wood	white	>9.9	QM
094	A	Floor	Ctr		P	Wood	white	-0.1	QM
089	A	Ceiling	Ctr		P	Wood	white	>9.9	QM
096	A	Stairs	Ctr	Railing	I	Metal	black	-0.3	QM
093	A	Railing	Ctr	Balusters	P	Wood	white	-0.2	QM
092	A	Railing	Ctr	Railing	P	Wood	white	0.0	QM
Interior Room 002 Basement									

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. David Holmes

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
004	-	Stairs	Ctr	Treads	P	Wood	white	-0.4	QM
010	A	Stairs	Ctr	Cabinet dr	P	Wood	green	-0.1	QM
009	A	Stairs	Ctr	Wall	P	Wood	green	-0.2	QM
017	B	Pipe	Rgt		P	Metal	orange	7.7	QM
014	B	Window	Lft	Sash	P	Wood	green	3.0	QM
016	B	Window	Rgt	Casing	P	Wood	green	0.1	QM
015	B	Window	Rgt	Sash	P	Wood	green	0.0	QM
007	B	Stairs	Ctr	Header	P	Wood	green	0.0	QM
013	B	Stairs	Ctr	Shelf	P	Wood	beige	-0.3	QM
005	B	Stairs	Ctr	Wall	P	Plaster	green	-0.2	QM
008	D	Stairs	Lft	Shelf	P	Wood	green	-0.4	QM
011	D	Stairs	Ctr	Pipe	P	Metal	green	0.2	QM
012	D	Stairs	Ctr	Underpan	P	Wood	green	-0.1	QM
006	D	Stairs	Ctr	Wall	P	Plaster	green	-0.4	QM
Interior Room 006 Mud Room									
023	-	Floor	Ctr		P	Plywood	white	-0.2	QM
025	-	Ceiling	Ctr		I	Wood	white	>9.9	QM
018	A	Wall	Ctr		I	Transite	white	-0.4	QM
024	A	Baseboard	Ctr		P	Wood	white	-0.4	QM
022	A	Door	Ctr	Casing	P	Wood	white	>9.9	QM
019	B	Wall	Ctr		I	Dry wall	white	-0.4	QM
020	C	Wall	Ctr		I	Dry wall	white	-0.1	QM
021	C	Window	Ctr	Casing	I	Wood	white	0.1	QM
028	C	Window	Ctr	Sill	I	Wood	white	-0.1	QM
026	D	Crown Mldg	Ctr		I	Wood	white	0.3	QM
027	D	Door	Ctr	Frame	I	Wood	white	-0.4	QM
Interior Room 008 Pantry									
029	A	Door	Ctr		P	Wood	white	-0.2	QM
030	A	Door	Ctr	Casing	P	Wood	beige	3.3	QM
031	A	Door	Ctr	Jamb	P	Wood	beige	2.6	QM
Interior Room 009 Office									
036	-	Ceiling	Ctr		I	Dry wall	white	0.0	QM
032	A	Wall	Ctr		I	Dry wall	purple	-0.1	QM
037	A	Baseboard	Ctr		I	Wood	white	0.0	QM
038	A	Door	Rgt	Casing	I	Wood	white	-0.2	QM
033	B	Wall	Ctr		I	Dry wall	purple	-0.2	QM
034	C	Wall	Ctr		I	Dry wall	purple	-0.1	QM
035	D	Wall	Ctr		I	Dry wall	purple	-0.2	QM
039	D	Window	Ctr	Casing	I	Wood	white	0.0	QM
Interior Room 011 Bed Room 1									
063	-	Ceiling	Ctr		P	Plaster	white	1.5	QM
		Flat part. cracking.							
064	-	Ceiling	Ctr		P	Plaster	white	1.8	QM
		slanted part, some minor peeling paint.							
040	A	Window	Lft	Casing	P	Wood	white	0.0	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. David Holmes

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
042	A	Window	Lft	Stop	P	Wood	white	0.0	QM
043	A	Window	Lft	Apron	P	Wood	white	0.0	QM
041	A	Window	Lft	Sill	P	Wood	white	0.0	QM
065	C	Door	Rgt	Stop	P	Wood	white	>9.9	QM
066	C	Door	Rgt	Jamb	P	Wood	white	7.2	QM
061	C	Closet	Ctr	Door stop	P	Wood	white	1.8	QM
062	C	Closet	Ctr	Door Thresh	P	Wood	white	9.7	QM
058	C	Closet	Ctr	Door	P	Wood	white	2.7	QM
059	C	Closet	Ctr	Door Casing	P	Wood	varnish	-0.1	QM
057	C	Closet	Ctr	Floor	P	Wood	white	-0.2	QM
060	C	Closet	Ctr	Door Jamb	P	Wood	white	1.7	QM
053	C	Closet	Ctr	Wall	P	Plaster	white	0.3	QM
055	C	Closet	Ctr	Shelf Sup.	P	Wood	white	0.0	QM
056	C	Closet	Ctr	Shelf	P	Wood	beige	0.0	QM
054	C	Closet	Ctr	Ceiling	P	Plaster	white	0.4	QM
051	D	Closet	Rgt	Door stop	P	Wood	green	2.4	QM
052	D	Closet	Rgt	Door Thresh	P	Wood	white	1.8	QM
048	D	Closet	Rgt	Door	P	Wood	green	2.6	QM
049	D	Closet	Rgt	Door Casing	P	Wood	varnish	-0.1	QM
050	D	Closet	Rgt	Door Jamb	P	Wood	beige	2.8	QM
044	D	Closet	Rgt	Wall	P	Plaster	green	>9.9	QM
046	D	Closet	Rgt	Shelf Sup.	P	Wood	green	>9.9	QM
	Cracks in walls and ceiling								
047	D	Closet	Rgt	Shelf	P	Wood	green	8.0	QM
045	D	Closet	Rgt	Ceiling	P	Plaster	green	>9.9	QM
Interior Room 012 Bed Room 2									
083	-	Ceiling	Ctr		P	Plaster	white	9.0	QM
067	A	Door	Lft	Casing	P	Wood	white	>9.9	QM
068	A	Door	Lft	Jamb	P	Wood	white	8.6	QM
069	A	Door	Lft	Stop	P	Wood	white	>9.9	QM
070	A	Door	Lft	Threshold	P	Wood	white	0.0	QM
081	A	Closet	Rgt	Door stop	P	Wood	white	8.7	QM
078	A	Closet	Rgt	Door	P	Wood	white	-0.1	QM
079	A	Closet	Rgt	Door Casing	P	Wood	white	>9.9	QM
080	A	Closet	Rgt	Door Jamb	P	Wood	white	>9.9	QM
075	A	Closet	Rgt	Wall	P	Plaster	white	9.5	QM
076	A	Closet	Rgt	Shelf Sup.	P	Wood	white	0.4	QM
077	A	Closet	Rgt	Shelf	P	Wood	white	-0.5	QM
071	B	Window	Ctr	Casing	P	Wood	white	2.4	QM
074	B	Window	Ctr	Stop	P	Wood	white	5.9	QM
073	B	Window	Ctr	Apron	P	Wood	white	2.5	QM
072	B	Window	Ctr	Sill	P	Wood	white	3.7	QM
082	C	Door	Ctr	Threshold	P	Wood	white	-0.1	QM
Interior Room 013 Bed Room 3									
084	-	Ceiling	Ctr		P	Plaster	white	-0.6	QM
	slanted								
085	-	Ceiling	Ctr		P	Plaster	white	-0.3	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. David Holmes

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
	flat								
Comment:									
No access to window trim components, assume leaded.									
Calibration Readings									
001								1.0	TC
002								1.0	TC
003								1.0	TC
112								1.0	TC
113								1.1	TC
114								1.0	TC
---- End of Readings ----									

APPENDIX 5

LEAD DUST SAMPLE LABORATORY REPORTS

OrderID: 031436883

031436883

EMSL – MA	EMSL – CT	EMSL – NY	EMSL – NJ
7 Constitution Way, Ste 107	29 N. Plains Hwy, Unit 4	307 West 38th Street	107 Haddon Avenue
Woburn, MA 01801	Wallingford, CT 06492	New York, NY 10018	Westmont, NJ 08108
(781) 933-8411	(203) 284-5948	(866) 448-3675	(800) 220-3675
(781) 933-8412 Fax	(203) 284-5978 Fax	(212) 290-0058 Fax	(856) 858-4960 Fax

www.emsl.com

Your Name:	Brandy LeBlanc	**Project Manager:**	PF
Company:	Eagle Environmental, Inc.		
Street:	8 South Main Street, Suite 3		
City/State/Zip:	Terryville, CT 06786		
Phone:	860-589-8257 ext. 203 **Fax:** 860-585-7034	**Email:**	bleblanc@eagleenviro.com; nporter@eagleenviro.com; dwynne@eagleenviro.com; rsloch@eagleenviro.com
Project Name	CSA Super Storm Sandy	**Project #:**	14-028.12T27
Project Location:	261 Adams Street, Bridgeport	**Project State (US):**	CT

TURNAROUND TIME

☐ 3 Hours	☐ 6 Hours	☑ 24 Hours	☐ 48 Hours	☐ 72 Hours	☐ 4 Days	☐ 5 Days	☐ 6-10 Days

SAMPLE MATRIX

☐ Air	☐ Bulk	☑ Soil	☑ Wipe	☐ Micro-Vac	☐ Drinking Water	☐ Wastewater	☐ Chips	☐ Other

ASBESTOS ANALYSIS

PCM - Air
- ☐ NIOSH 7400 (A) Issue 2: August 1994
- ☐ OSHA w/TWA

TEM AIR
- ☐ AHERA 40 CFR, Part 763 Subpart E
- ☐ NIOSH 7402 Issue 2
- ☐ EPA Level II

PLM - Bulk
- ☐ EPA 600/R-93/116
- ☐ NY Stratified Point Count
- ☐ California Air Resource Board (CARB) 435
- ☐ NIOSH 9002
- ☐ PLM NOB (Gravimetric) NYS 198.1
- ☐ EPA Point Count (400 Points)
- ☐ EPA Point Count (1,000 Points)
- ☐ Standard Addition Point Count

SOILS
- ☐ EPA Protocol Qualitative
- ☐ EPA Protocol Quantitative
- ☐ EMSL MSD 9000 Method fibers/gram
- ☐ Superfund EPA 540-R097-028 (dust generation)

TEM BULK
- ☐ Drop Mount (Qualitative)
- ☐ Chatfield SOP-1988-02
- ☐ TEM NOB (Gravimetric) NY 198.4

TEM MICROVAC
- ☐ ASTM D 5755-95 (Quantitative)

TEM WIPE
- ☐ ASTM D-6480-99
- ☐ Qualitative ☐

TEM WATER
- ☐ EPA 100.1
- ☐ EPA 100.2
- ☐ NYS 198.2
- ☐ Other:_____

LEAD ANALYSIS

Flame Atomic Absorption
- ☑ Wipe, SW846-7420 ☐ ASTM ☐ non ASTM
- ☐ Soil, SW846-7420
- ☐ Air, NIOSH 7082
- ☐ Chips, SW846-7420 or AOAC 5.009 (974.02)
- ☐ Wastewater, SW 846-7420
- ☐ TCLP LEAD SW846-1311/7420

Graphite Furnace Atomic Absorption
- ☐ Air, NIOSH 7105
- ☐ Wastewater, SW846-7421
- ☐ Soil, SW846-7421
- ☐ Drinking Water, EPA 239.2

ICP – Inductively Coupled Plasma
- ☐ Wipe, SW846-6010 ☐ ASTM ☐ non ASTM
- ☐ Soil, SW846-6010
- ☐ Air, NIOSH 7300

MATERIALS ANALYSIS

- ☐ Full Particle Identification
- ☐ Optical Particle Identification
- ☐ Dust Mites and Insect Fragments
- ☐ Particle Size & Distribution
- ☐ Product Comparison
- ☐ Paint Characterizaton
- ☐ Failure Analysis
- ☐ Corrosion Analysis
- ☐ Glove Box Containment Study
- ☐ Petrographic Examination of Concrete
- ☐ Portland Cement in Workplace Atmospheres (OSHA ID-143)
- ☐ Man Made Vitrous Fibers – MMVF's
- ☐ Synthetic Fiber Identification
- ☐ Other:_____

MICROBIAL ANALYSIS

Air Samples
- ☐ Mold & Fungi by Air O Cell
- ☐ Mold & Fungi by Agar Plate count & id
- ☐ Bacterial Count and Gram Stain
- ☐ Bacterial Count and Identification

Water Samples
- ☐ Total Coliforms, Fecal Coliforms
- ☐ Escherichia Coli, Fecal Streptococcus
- ☐ Legionella
- ☐ Salmonella
- ☐ Giardia and Cryptosporidium

Wipe and Bulk Samples
- ☐ Mold & Fungi – Direct Examination
- ☐ Mold & Fungi – (Culture follow up to direct examination if necessary)
- ☐ Mold & Fungi – Culture (Count & ID)
- ☐ Mold & Fungi – Culture (Count only)
- ☐ Bacterial Count & Gram Stain
- ☐ Bacterial Count & Identification (3 most prominent types)
- ☐ Other:_____

IAQ ANALYSIS

- ☐ Nuisance Dust (NIOSH 0500 & 0600)
- ☐ Airborne Dust (PM10, TSP)
- ☐ Silica Analysis by XRD ☐ Niosh 7500
- ☐ HVAC Efficiency
- ☐ Carbon Black
- ☐ Airborne Oil Mist
- ☐ Other:_____

Additional Information/Comments/Instructions: ****PLEASE STOP ON 1ST POSITIVE WITHIN SETS**

Client Sample # (S)	9/22 KL 01 - 9/22 KL 06			**TOTAL SAMPLE #**	6
Relinquished:		**Date:**	9/22/14	**Time:**	PM
Received:		**Date:**	9.23.14	**Time:**	AM
Relinquished:		**Date:**	9.23.14	**Time:**	PM
Received:		**Date:**	9/24/14	**Time:**	10:30 am

Page 1

OrderID: 031436883

031436883

EMSL – MA
7 Constitution Way, Ste 107
Woburn, MA 01801
(781) 933-8411
(781) 933-8412 Fax

EMSL – CT
29 N. Plains Hwy, Unit 4
Wallingford, CT 06492
(203) 284-5948
(203) 284-5978 Fax

EMSL – NY
307 West 38th Street
New York, NY 10018
(866) 448-3675
(212) 290-0058 Fax

EMSL – NJ
107 Haddon Avenue
Westmont, NJ 08108
(800) 220-3675
(856) 858-4960 Fax

www.emsl.com

SAMPLE NUMBER	SAMPLE DESCRIPTION	ROOM or LOCATION	VOLUME Air (L)	Area (Inches sq.)
9/22 KL 01	Floor at Entry	Dining Rm		144
9/22 KL 02	Floor at Entry	Laundry Rm		144
9/22 KL 03	Floor	Bedroom 1		144
9/22 KL 04	window well	↓		3.5 x 24
9/22 KL 05	Field Blank			n/a
9/22 KL 06	Field Blank			n/a

Recd by KMeredith 9/24/14 10:30am

EMSL Analytical, Inc.
307 West 38th Street, New York, NY 10018
Phone/Fax: (212) 290-0051 / (212) 290-0058
http://www.EMSL.com manhattanlab@emsl.com

EMSL Order:	031436883
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

Attn: **Brandy LeBlanc**
Eagle Environmental, Inc. - CT
8 South Main Street
Suite 3
Terryville, CT 06786

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	09/24/14 10:30 AM
Collected:	9/22/2014

Project: **CSA SUPER STORM SANDY/261 ADAMS STREET, BRIDGEPORT/CT/14-028.12T27**

Test Report: Lead in Dust by Flame AAS (SW 846 3050B/7000B)*

Client Sample Description	*Lab ID*	*Collected*	***Analyzed***	*Area Sampled*	*Lead* ***Concentration***
9/22 KL 01	*031436883-0001*	9/22/2014	9/24/2014	144 in²	19 µg/ft²
	Site: FLOOR AT ENTRY DINING ROOM				
9/22 KL 02	*031436883-0002*	9/22/2014	9/24/2014	144 in²	<10 µg/ft²
	Site: FLOOR AR ENTRY LAUNDRY ROOM				
9/22 KL 03	*031436883-0003*	9/22/2014	9/24/2014	144 in²	<10 µg/ft²
	Site: FLOOR BEDROOM 1				
9/22 KL 04	*031436883-0004*	9/22/2014	9/24/2014	84 in²	130 µg/ft²
	Site: WINDOW WELL BEDROOM 1				
9/22 KL 05	*031436883-0005*	9/22/2014	9/24/2014	n/a	<10 µg/wipe
	Site: FIELD BLANK				
9/22 KL 06	*031436883-0006*	9/22/2014	9/24/2014	n/a	<10 µg/wipe
	Site: FIELD BLANK				

M. Apfeldorfer

Miron Apfeldorfer, Laboratory Manager
or other approved signatory

Reporting limit is 10 ug/wipe. The QC data associated with these sample results included in this report meet the method quality control requirements, unless specifically indicated otherwise. Unless noted, results in this report are not blank corrected . This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities.

* slight modifications to methods applied Samples received in good condition unless otherwise noted. Quality Control Data associated with this sample set is within acceptable limits, unless otherwise noted Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--ELLAP Accredited #102581, NYS ELAP 11506

Initial report from 09/24/2014 17:38:16

APPENDIX 6

RADON TESTING REPORTS

Radon testing was not performed at this Site since the building is scheduled to be elevated and the lowest level of the building will not be in contact with the ground.

APPENDIX 7

MOLD INSPECTION FORMS

EAGLE Environmental, Inc.

MOLD MOISTURE READING FORM

Eagle Project No: 14-028,127 Date: 9-22-14 Inspector: AC

Facility Address: 261 adams bridgeport

MOISTURE MODE						
ROOM	COMPONENT	SUBSTRATE	REL. SURFACE MOISTURE	DRY	AT RISK	WET
009	wall	Plaster	8.9	X		
009	Ceiling	Sheetrock	8.5	X		
002	Joist	wood	17.8		X	
002	Column	wood	23.5		X	
002	wall	Plaster	8.6	X		
002	deck	wood	9.5	X		

HYGROMETER MODE				
TIME	ROOM	% RELATIVE HUMIDITY	AIR TEMP.	DEW POINT TEMP.
10:40	009	51.3	25.0 °C	16.0 °C
11:00	002	57.6	25.8 °C	15.6 °C

EAGLE Environmental, Inc.

MOLD OBSERVATION FORM

Eagle Project No: 14-02801227 Date: 9-22-14 Inspector: AC

Facility Address: 267 adams st bridgeport

Location	Observation	Sample Number
002	No water damage or mold spores observed ~~wood rotted~~	
009	No water damage observed	

EAGLE Environmental, Inc.

MOLD CONDENSATOR FORM

Eagle Project No: 14-028,1227 Date: 9-22-14 Inspector: AC

Facility Address: _____

CONDENSATOR MODE

ROOM	COM-PONENT	SUB-STRATE	% REL. HUMIDITY	AIR TEMP.	DEW POINT TEMP.	SURFACE TEMP.	TEMP DIFF.
009	wall	Plaster	51.7	25.6°	14.5°	22.2°	
009	Ceiling	Plaster	51.5	25.4°	14.5°	24.2°	
002	Joist	Wood	57.6	25.8	15.6	25.7°	
002	Column	Wood	57.6	25.9	15.4	25.2°	
002	wall	Plaster	57.8	25.8	15.6	25.5°	
002	deck	wood	58.5	25.8	15.6	25.6°	

APPENDIX 8

ABATEMENT AND CONSULTING COST ESTIMATE

HAZARDOUS MATERIALS ABATEMENT COST ESTIMATES
APPLICATION NO. 2433
261 ADAMS STREET
BRIDGEPORT, CONNECTICUT

ASBESTOS ABATEMENT COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
PAPER DEBRIS IN DIRT IN CRAWL SPACE	1	$ 4,500.00 EA	$ 4,500.00
STORED CEMENT BOARD	10	$ 25.00 SF	$ 250.00
DAMAGED CEMENT SHINGLES	20	$ 50.00 SF	$ 1,000.00
SUBTOTAL			$ 5,750.00
ASBESTOS ABATEMENT CONTINGENCY			$ 575.00
ASBESTOS TOTAL			**$ 6,325.00**

LEAD BASED PAINT COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
LEAD BASED PANT CONTINGENCY	1	$ 14,500.00 SF	$ 14,500.00
SUBTOTAL			$ 14,500.00
LEAD RENOVATION CONTINGENCY			$ 2,900.00
LEAD RENOVATION TOTAL			**$ 17,400.00**

HAZARDOUS MATERIALS ABATEMENT SUBTOTAL **$ 23,725.00**

HAZARDOUS MATERIALS CONSULTING COST ESTIMATE

CONSULTING COST	QUANTITY	UNIT COST	TOTAL COST
HAZARDOUS MATERIALS CONSULTING CONTIN.	1	$1,800.00 EACH	$ 1,800.00
SUBTOTAL			$ 1,800.00
CONSULTING CONTINGENCY			$ 180.00
CONSULTING TOTAL			**$ 1,980.00**

GRAND TOTAL **$ 25,705.00**

APPENDIX 9

EAGLE ENVIRONMENTAL, INC. LICENSES

AND LABORATORY CERTIFICATES

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

LEAD CONSULTANT CONTRACTOR

EAGLE ENVIRONMENTAL INC.

LICENSE NO.
001723
CURRENT THROUGH
04/30/15
VALIDATION NO.
03-794089

SIGNATURE

COMMISSIONER

ENVIRONMENTAL TRAINING AND ASSESSMENT

Certificate of Completion
Lead Inspector/Risk Assessor — Refresher

Awarded To

Kristen Liljehult
269 Baileyville Road
Middlefield, CT 06455

Has successfully completed, and passed an examination covering the contents of a EPA Model Eight (8) Hour Refresher Training Course for Lead Inspector/Risk Assessor and in accordance with the Department of Public Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes. Approved under the New Standard and 40 CFR 745.225(c)(8)(i).

Course Date: 1/2/2014 Examination Grade: 88%
Examination Date: 1/2/2014 Certificate Number: LI/RAR-00350
Expiration Date: 1/2/2015

Stephen Craig
Stephen J. Craig, Training Manager

Boston Lead Company, LLC
dba
Environmental Training and Assessment
62 Washington Street
Middletown, CT 06457
860-347-7277

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

LEAD INSPECTOR RISK ASSESSOR

CERTIFICATION NO.
002206
CURRENT THROUGH
12/31/14
VALIDATION NO.
03-715183

KRISTEN P. LILJEHULT

SIGNATURE

COMMISSIONER

Environmental Training and Assessment

Certificate of Completion

Lead Planner-Project Designer — Refresher

Awarded To

Kristen Liljehult
8 South Main Street
Terryville, CT 06786

Has successfully completed, and passed an examination covering the contents of the Eight (8) Hour Refresher Training Course for Lead Planner-Project Designer in accordance with the Department of Public Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes. Approved under the New Standard.

Course Date: 1/15/2014 Examination Grade: 91%
Examination Date: 1/15/2014 Certificate Number: LPPDR-00168
Expiration Date: 1/15/2015

Stephen Craig

Stephen J. Craig, Training Manager

Boston Lead Company, LLC
dba
Environmental Training and Assessment
62 Washington Street
Middletown, CT 06426
860-347-7277

VOID VOID VOID

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

LEAD PLANNER/PROJECT DESIGNER

CERTIFICATION NO.
002153
CURRENT THROUGH
12/31/14
VALIDATION NO.
03-715184

KRISTEN P LILJEHULT

SIGNATURE

COMMISSIONER

CERT# PD-001 - 384

CHEMSCOPE TRAINING DIVISION

ASBESTOS PROJECT DESIGNER REFRESHER

8HOUR TRAINING CERTIFICATE

Peter J. Folino

8 South Main Street Suite 3, Terryville CT

Has attended an 8 hour course on the subject discipline on

04/30/2014 and has passed a written examination.

"The person receiving this certificate has completed the requisite training required for asbestos accreditation as a project designer under TSCA Title II"

Course topics include Background Information on Asbestos, Abatement Construction Projects, Safety System Design Specifications, Personal Protective Equipment, Additional Safety Hazards, Fiber Aerodynamics and Control, Designing Abatement Solutions, Cost Estimating, Specifications, Abatement Drawings, Contract Preparation and Administration, Legal Issues, Replacement substitutes, Role of Other Consultants, Occupied Building and Regulations.

Examination Date: 04/30/2014

Expiration Date: 04/30/2015

This training course has been accredited by the State of Connecticut.

Ronald D. Arena
Training Manager

Chem Scope, Inc.
15 Moulthrop Street
North Haven CT 06473
(203) 865-5605

Litho in U.S.A.

VOID VOID VOID

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT-PROJECT DESIGNER

CERTIFICATE NO.
000195

PETER J. FOLINO

CURRENT THROUGH
05/31/15

VALIDATION NO.
03-847327

VOID VOID VOID

SIGNATURE

COMMISSIONER

Certificate of Training

Awarded to

ANDREW CARNEVALE

For successful completion of a 4 Hour, 1/2 Day

Asbestos Building Inspector
Annual Refresher Training
January 2, 2014

This training was approved and given in accordance with the Regulations for Connecticut State Agencies RCSA 20 - 440 - 1-9 and RCSA 20 - 441 and meets the requirements of the EPA Revised MAP under TSCA Title II of 4/4/94.

Presented by

Mystic Air Quality Consultants, Inc.
1204 North Road, Groton, CT 06340 (800) 247-7746

Certificate Number: ABIRF22726 **Exam Grade:** 100 **Expiration Date:** 01/02/2015
Exam Date: 01/02/2014

Christopher J. Eident, CIH, CSP, RS

George Williamson, Training Director
Richard Haffey, Training Director

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 - INSPECTOR

ANDREW C CARNEVALE

LICENSE NO. 000650
CURRENT THROUGH 10/31/14
VALIDATION NO. 03-702940

SIGNATURE

COMMISSIONER

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

THIS IS TO CERTIFY THAT THE LABORATORY DESCRIBED BELOW HAS BEEN APPROVED BY THE STATE DEPARTMENT OF PUBLIC HEALTH PURSUANT TO APPLICABLE PROVISIONS OF THE PUBLIC HEALTH CODE AND GENERAL STATUTES OF CONNECTICUT, FOR MAKING THE EXAMINATIONS, DETERMINATIONS OR TESTS SPECIFIED BELOW WHICH HAVE BEEN AUTHORIZED IN WRITING BY THAT DEPARTMENT.

EMSL ANALYTICAL, INC. – MANHATTAN, NY

LOCATED AT 307 West 38th Street IN New York, NY 10018

AND REGISTERED IN THE NAME OF Peter Frasca, Ph.D.

THIS CERTIFICATE IS ISSUED IN THE NAME OF James Hall WHO HAS BEEN DESIGNATED BY THE REGISTERED OWNER/AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

ASBESTOS

Examination For:
Bulk – Identification (PLM, TEM)
Air – Fiber Counting (PCM, TEM)
Water – TEM

Environmental Health & Housing

Examination For:
Lead in Paint
Lead Paint in Soil
Lead in Dust Wipes

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES September 30, 2014 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH

DATED AT HARTFORD, CONNECTICUT, THIS 4th DAY OF October, 2012

Registration No.

PH-0170

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION