EAGLE
Environmental, Inc.

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

July 8, 2014

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
85 Ridgebrook Drive
Bridgeport, Connecticut 06512
Application 2073
Eagle Project No. 14-028.12T16

Dear Mr. Holmes:

Please find the attached Environmental Assessment Report conducted at 85 Ridgebrook Drive 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:
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Environmental Consultant II

Report Reviewed By:
Peter J. Folino
Project Manager

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TABLE OF CONTENTS

1. INTRODUCTION 1

1.1 INSPECTION AREA DESCRIPTION 1

2. SCOPE OF INSPECTION 1

2.1 ASBESTOS CONTAINING MATERIALS 1
2.2 LEAD-BASED PAINT 1
2.3 RADON TESTING 3
2.4 MOLD INSPECTION 3

3. INSPECTION PROTOCOLS 3

3.1 ASBESTOS CONTAINING MATERIALS 3
3.1.1 Inspection 3
3.1.2 Bulk Sampling 4
3.1.3 Bulk Sample Analysis 4
3.2 LEAD-BASED PAINT 5
3.3 RADON TESTING 5
3.4 MOLD INSPECTION 6

4. INSPECTION RESULTS 6

4.1 ASBESTOS CONTAINING MATERIALS 6
4.2 LEAD-BASED PAINT 7
4.2.1 Dust Hazards 8
4.2.2 Soil Hazards 8
4.3 RADON 8
4.4 MOLD 8

5. COST ESTIMATES 9

LIST OF TABLES

Table I Asbestos-Containing Materials Summary Table
Table II Non Asbestos-Containing Materials Summary Table

APPENDICES

Appendix 1 Floor Plans
Appendix 2 Asbestos Bulk Sample Laboratory Reports
Appendix 3 Interior and Exterior Visual Assessment Forms
Appendix 4 XRF Lead-Based Paint Inspection Reports
Appendix 5 Lead Dust and Soil Sample Laboratory Reports
Appendix 6 Radon Testing Reports
Appendix 7 Mold Inspection Forms
Appendix 8 Abatement and Consulting Cost Estimates
Appendix 9 Eagle Environmental Inc. Licenses and Laboratory Certificate

1. INTRODUCTION

On May 29, 2014, Eagle Environmental, Inc. conducted an environmental assessment of portions of the site building located at 85 Ridgebrook Drive in New Haven, Connecticut. The scope of the environmental assessment included an inspection for asbestos-containing materials, a lead-based paint hazard screen, Radon testing 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 are determined by reviewing the planned renovation work provided in CSA's Project Scope dated April 24, 2014. For the purpose of this project the following areas were inspected:

- Living Room Ceiling
- Kitchen Ceiling
- Bedroom 3 Closet Ceiling
- Roof

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.

2.3 Radon Testing

Radon testing for this program is performed on a case-by-case basis. Building's which are constructed on piers 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.

One (1) radon canister was placed in the basement of the dwelling.

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 85 Ridgebrook Drive, 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 85 Ridgebrook Drive, 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 1509 throughout the building.

Due to the level of proposed Federal Funding for this project (between $5,000.00 and $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 coatings 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 3. 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 $\geq$1.0 mg/cm^2 of lead by XRF.

In addition to XRF testing, dust samples are collected at the time of inspection if defective lead-based paint is identified. The exterior grounds are evaluated as well and if bare areas of soil are identified, soil samples are collected. Any dust or soil hazards identified are incorporated into the Lead-Based Paint Hazard Reduction or Abatement Plan.

3.3 Radon Testing

Eagle Environmental placed one (1) radon canister within the building. The canister was placed by Hannah Hintz on May 29, 2014 and was retrieved by Andrew Carnevale on June 2, 2014. The canister was placed within the basement or lowest level of the building. The United States Environmental Protection Agency (USEPA) recommends that the test measurements be performed in the lowest level of the building.

The radon testing device utilized for the radon measurements is an Activated Charcoal Adsorption Devices or charcoal canister. The canister is placed in the center of the room where feasible. The testing location was away from any drafts or excessive air movements and windows and doors remained closed during the testing period.

The measurements that are taken are considered short-term tests. A short-term test is conducted from two to ninety days.

The charcoal canister was sent to Radon Testing Corporation of America (RTCA) of Elmsford, New York for analysis. RTCA is listed in the USEPA Radon Measurement Proficiency (RMP) Program.

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.

4. INSPECTION RESULTS

4.1 Asbestos Containing Materials

During the course of the building inspection thirty-five (35) bulk samples of suspect ACM were collected and thirty-two (32) samples were analyzed by PLM based on the "stop on first positive" request to the laboratory.

The following materials were confirmed to be ACM:

- Popcorn ceiling paint in living room
- Roofing membrane patch

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 roof and ceilings within the living room, kitchen and bedroom closet sustained water damage and are proposed to be repaired. The contractors performing work that impacts the ACM must be a licensed Asbestos Abatement Contractor and 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.

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

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 residents within fifteen (15) days of the evaluation. A total of three hundred and twenty-four (324) XRF readings were collected during the lead-hazard screen of the building. From the three hundred and twenty-four (324) readings, only ten (10) were found to contain lead-based paint.

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

- "A" Façade metal railing and garage door
- "B" Façade metal window sash
- Basement (001) Closet pole
- Sun Room (007) Entry door system

The 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 to comply with federal lead-based paint regulations.

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 be between $5,000.00 and $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 eleven (11) dust wipes were collected at the time of inspection. A dust-lead hazard was identified on the Sun Room (007) floor.

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

4.2.2 Soil Hazards

Two (2) soil samples were collected at the time of inspection. No soil-lead hazards were identified at the sampled locations therefore the owner should 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-High (33%). 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)

The result of the Radon testing was 1.9 pCi/L, which is below the USEPA action level. No further action is required.

The Radon testing laboratory reports are provided in Appendix 6.

4.4 Mold

The physical inspection identified discoloration of the gypsum ceilings, which is likely due to water damage from the leaking roof. Only the accessible finish portion of the gypsum ceilings was accessible at the time of the inspection. The insulation above the sheetrock ceiling may be harboring moisture and should be removed and replaced during this work. Wood sheathing and framing exposed during the ceiling replacement should be cleaned and dried.

The popcorn ceiling paint associated with the living room ceiling also contains asbestos and the microbial remediation will be performed concurrently with the asbestos abatement work.

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
85 RIDGEBROOK DRIVE
BRIDGEPORT, CONNECTICUT

LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS				ESTIMATED QUANTITY	F/NF
				PLM	PLM PC	TEM NOB	ACM		
Living Room	Popcorn ceiling paint	5-29-AC-01	SURF	5% Chrys 4% Anth			YES	100 SF	F
		5-29-AC-02		DNA					
		5-29-AC-03		DNA					
Main Roof	Roofing membrane patch	5-29-AC-28	MISC	22% Chrys			YES	6 LF	NF
		5-29-AC-29		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
85 RIDGEBROOK DRIVE
BRIDGEPORT, CONNECTICUT

SAMPLE LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
Living Room	Caulk at wall junction	5-29-AC-04	MISC	NAD			NO
		5-29-AC-05		NAD			
Kitchen	Smooth textured ceiling paint	5-29-AC-06	SURF	NAD			NO
		5-29-AC-07		NAD			
		5-29-AC-08		NAD			
Kitchen	Joint compound on ceiling	5-29-AC-09	SURF	NAD			NO
		5-29-AC-10		NAD			
		5-29-AC-11		NAD			
Kitchen, Bedroom 3 Closet	Skim coat plaster at ceiling	5-29-AC-12	SURF	NAD			NO
		5-29-AC-13		NAD			
		5-29-AC-14		NAD			
Kitchen, Bedroom 3 Closet	Rough coat plaster at ceiling	5-29-AC-15	SURF	NAD			NO
		5-29-AC-16		NAD			
		5-29-AC-17		NAD			
Living Room	Gypsum board at ceiling	5-29-AC-18	MISC	NAD			NO
		5-29-AC-19		NAD			
Main Roof	Gray asphalt shingle	5-29-AC-20	MISC	NAD			NO
		5-29-AC-21		NAD			
Main Roof	Orange asphalt shingle patch	5-29-AC-22	MISC	NAD			NO
		5-29-AC-23		NAD			
Main Roof	Black flashing cement	5-29-AC-24	MISC	NAD			NO
		5-29-AC-25		NAD			

KEY		ANALYTICAL METHODS
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TABLE II
NON - ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
85 RIDGEBROOK DRIVE
BRIDGEPORT, CONNECTICUT

SAMPLE LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
Main Roof	White chimney flashing cement	5-29-AC-26	MISC	NAD			NO
		5-29-AC-27		NAD			
Porch Roof 3	Tan asphalt shingle	5-29-AC-30	MISC	NAD			NO
		5-29-AC-31		NAD			
Main Roof	Vapor paper (bottom layer)	5-29-AC-32	MISC	NAD			NO
		5-29-AC-33		NAD			
Main Roof	Stone mortar at chimney	5-29-AC-34	MISC	NAD			NO
		5-29-AC-35		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**
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TSI = THERMAL SYSTEMS INSULATION	**Anth = Anthophylite**	**EA = Each**
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MISC = MISCELLANEOUS MATERIAL	**Croc = Crocidolite**	

BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION

APPENDIX 1

FLOOR PLANS

CAPITAL STUDIOS ARCHITECTS

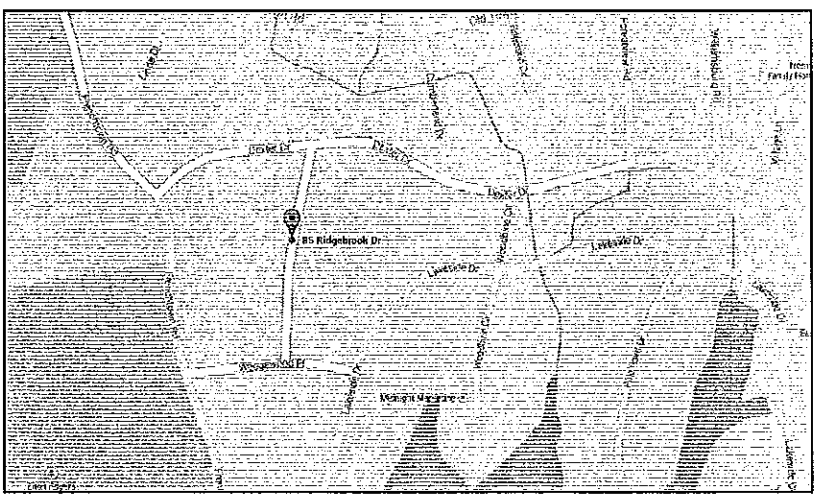
85 RIDGEBROOK DRIVE
BRIDGEPORT, CONNECTICUT

EAGLE PROJECT NUMBER: 14-028.12T16

INDEX OF DRAWINGS

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

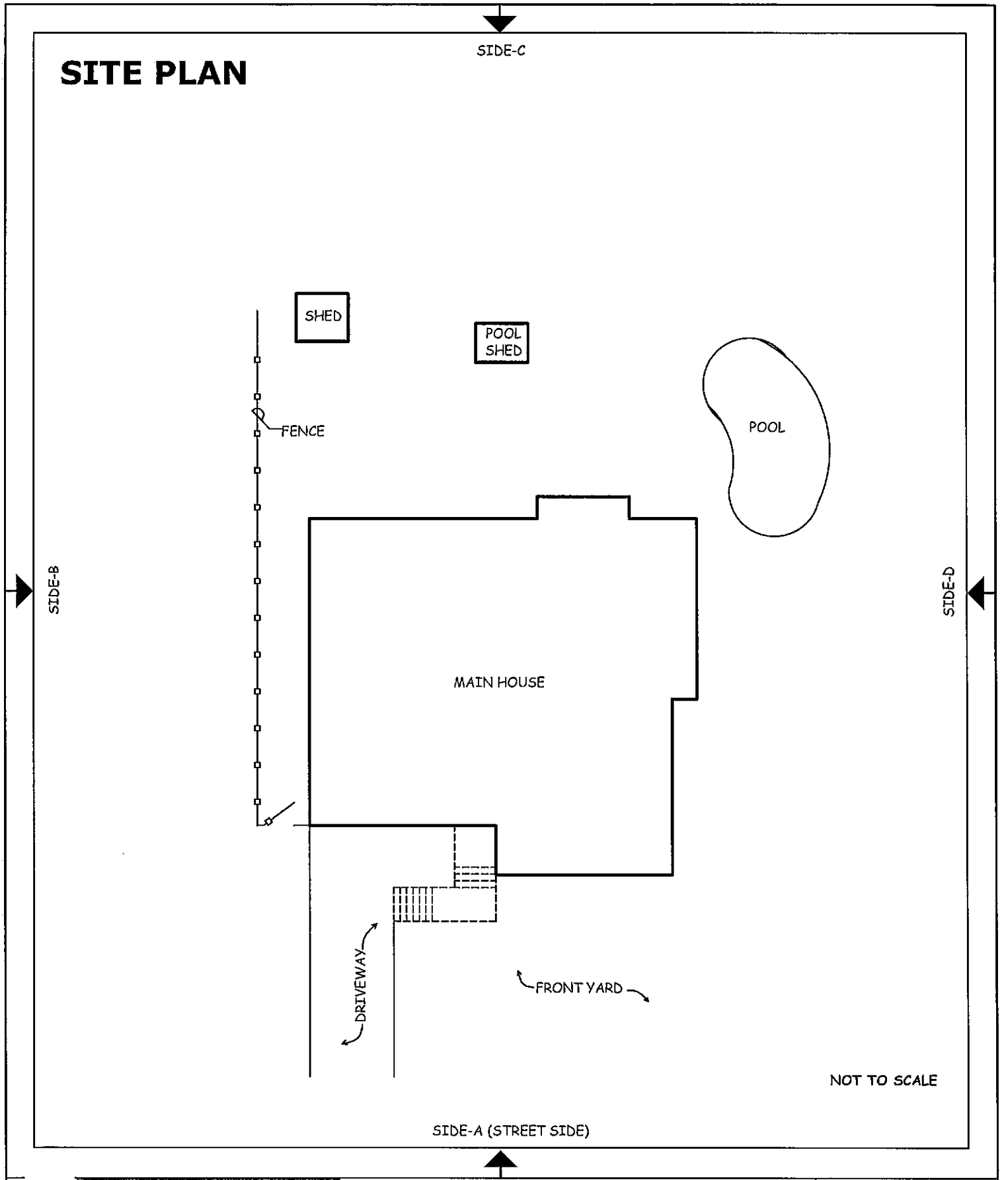
LOCATION MAP



JULY 1, 2014

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

SITE PLAN



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

SHEET NO.

SP-1

SHEET 1 OF 4

DATE: 07/01/2014
PROJECT NO.: 14-028.12T16
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
85 RIDGEBROOK DRIVE
BRIDGEPORT, CONNECTICUT
SITE PLAN

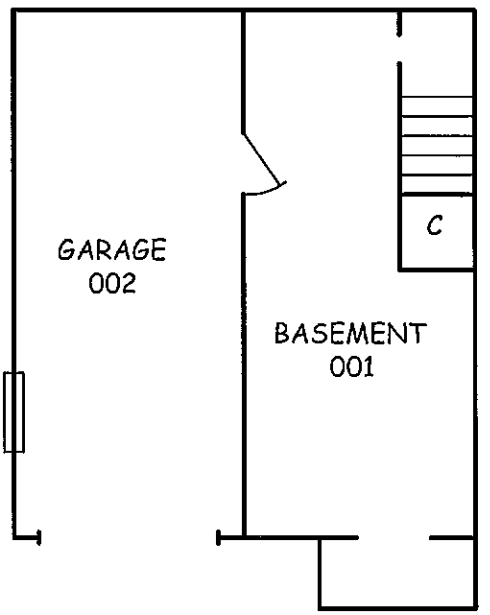
\\eaglesvr\public\2014 files\2014 autocad\capital studio architects\85 ridgebrook drive\inspection\cad\85 ridgebrook drive.dwg

BASEMENT

SIDE-C

SIDE-B

SIDE-D



NOT TO SCALE

C = CLOSET EVALUATED WITH ADJACENT ROOM

SIDE-A (STREET SIDE)

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860-589-8257

SHEET NO.

FP-1

SHEET 2 OF 4

DATE: 07/01/2014
PROJECT NO.: 14-028.12T16
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
85 RIDGEBROOK DRIVE
BRIDGEPORT, CONNECTICUT
BASEMENT

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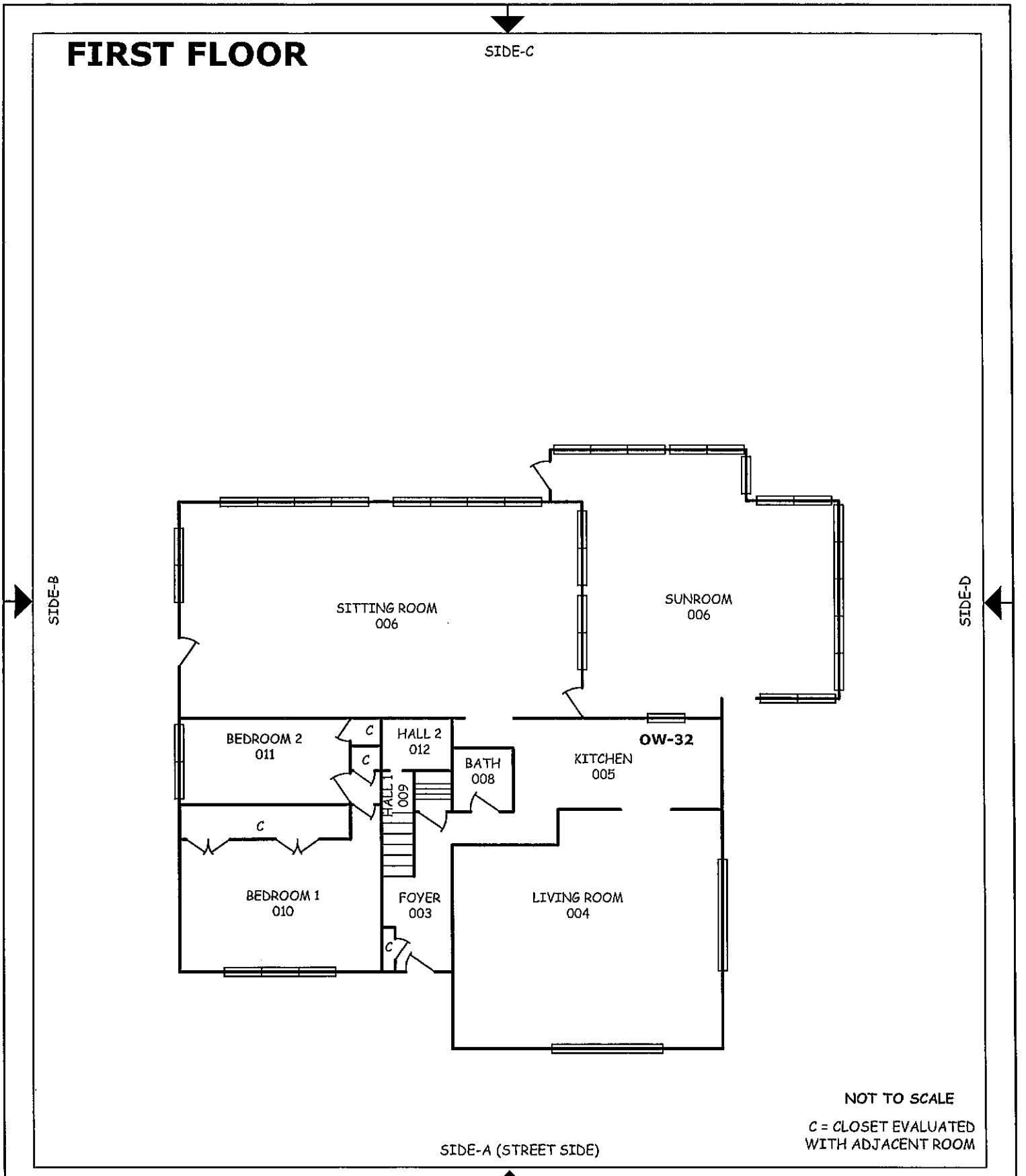
FIRST FLOOR



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SHEET NO.

FP-2

SHEET 3 OF 4

DATE: 07/01/2014
PROJECT NO.: 14-028.12T16
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
85 RIDGEBROOK DRIVE
BRIDGEPORT, CONNECTICUT
FIRST FLOOR PLAN

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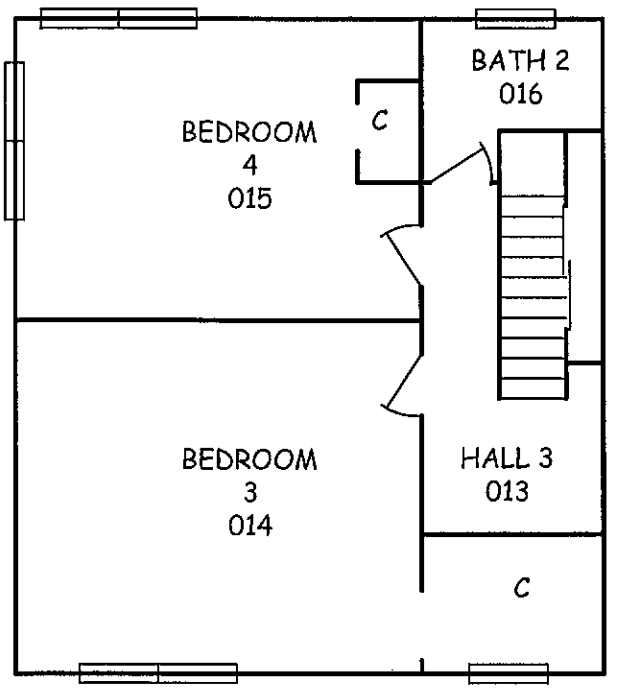
SECOND FLOOR

SIDE-C

SIDE-B

SIDE-D



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C = CLOSET EVALUATED WITH ADJACENT ROOM

SIDE-A (STREET SIDE)

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SHEET NO.

FP-3

SHEET 3 OF 4

DATE: 07/01/2014
PROJECT NO.: 14-028.12T16
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
85 RIDGEBROOK DRIVE
BRIDGEPORT, CONNECTICUT
SECOND FLOOR PLAN

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APPENDIX 2

ASBESTOS BULK SAMPLE LABORATORY REPORTS

OrderID: 031420782

031420782

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

www.emsl.com

Your Name: Brandy LeBlanc **Project Manager:**

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 - Superstorm Sandy **Project #:** 14-028.12T16

Project Location: 85 Ridgebrook Drive, 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)	5-29-AC-01	5-29-AC-35		TOTAL SAMPLE #	35
Relinquished:	ANDREW CARNEVALE	Date:	5-29-14	Time:	PM
Received:	RENEE SIOCH	Date:	5-29-14	Time:	PM
Relinquished:	RENEE SIOCH	Date:	5-30-14	Time:	PM
Received:		Date:	5/31/14	Time:	11:29 am

6/1/14 8:00 AM

MM 6/1/14

Page 1

OrderID: 031420782

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7 Constitution Way, Ste 107
Woburn, MA 01801
(781) 933-8411
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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
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(212) 290-0058 Fax

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

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SAMPLE NUMBER	SAMPLE DESCRIPTION	ROOM or LOCATION	VOLUME Air (L)	Area (Inches sq.)
5-29-AC-01	Popcorn ceiling paint	Liv Room		5% Chrys 4% Antho
5-29-AC-02	Popcorn ceiling paint	Liv Room		DNA
5-29-AC-03	Popcorn ceiling paint	Liv Room		DNA
5-29-AC-04	Caulk at wall junction	Liv Room		NAD
5-29-AC-05	Caulk at wall junction	Liv Room		
5-29-AC-06	Smooth textured ceiling paint	Kitchen		
5-29-AC-07	Smooth textured ceiling paint	Kitchen		
5-29-AC-08	Smooth textured ceiling paint	Kitchen		
5-29-AC-09	Joint compound on ceiling	Kitchen		
5-29-AC-10	Joint compound on ceiling	Kitchen		
5-29-AC-11	Joint compound on ceiling	Kitchen		
5-29-AC-12	Skim coat plaster at ceiling	Kitchen		
5-29-AC-13	Skim coat plaster at ceiling	Kitchen		
5-29-AC-14	Skim coat plaster at ceiling	Bed3Closet		
5-29-AC-15	Rough coat plaster at ceiling	Kitchen		
5-29-AC-16	Rough coat plaster at ceiling	Kitchen		
5-29-AC-17	Rough coat plaster at ceiling	Bed3Closet		
5-29-AC-18	Gypsum board at ceiling	Liv Room		
5-29-AC-19	Gypsum board at ceiling	Liv Room		
5-29-AC-20	Gray asphalt shingle	MainRoof		
5-29-AC-21	Gray asphalt shingle	MainRoof		
5-29-AC-22	Orange asphalt shingle patch	MainRoof		
5-29-AC-23	Orange asphalt shingle patch	MainRoof		
5-29-AC-24	Black flashing cement	MainRoof		
5-29-AC-25	Black flashing cement	MainRoof		

6/1/14 6/11/14

OrderID: 031420782

EMSL – MA
7 Constitution Way, Ste 107
Woburn, MA 01801
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(212) 290-0058 Fax

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

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SAMPLE NUMBER	SAMPLE DESCRIPTION	ROOM or LOCATION	VOLUME Air (L)	Area (Inches sq.)
5-29-AC-26	White chimney flashing cement	Main Roof		NAD
5-29-AC-27	White chimney flashing cement	Main Roof		↓
5-29-AC-28	Roofing membrane	Main Roof		22% Chrys
5-29-AC-29	Roofing membrane	Main Roof		DNA
5-29-AC-30	Tan asphalt shingle	PorchRoof3		NAD
5-29-AC-31	Tan asphalt shingle	PorchRoof3		↓
5-29-AC-32	Vapor paper (bottom layer)	Main Roof		
5-29-AC-33	Vapor paper (bottom layer)	Main Roof		
5-29-AC-34	Stone mortar at chimney	Main Roof		
5-29-AC-35	Stone mortar at chimney	Main Roof		

6/11/14 MM 6/7/14

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:	031420782
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

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

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	05/31/14 11:29 AM
Analysis Date:	6/1/2014
Collected:	5/29/2014

Project: **14-028.12T16/CSA-SUPERSTORM SANDY/85 RIDGEBROOK DRIVE, BRIDGEPORT, CT**

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

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
5-29-AC-01 *031420782-0001*	LIVING ROOM - POPCON CEILING PAINT	White Non-Fibrous Homogeneous		91% Non-fibrous (other)	**5% Chrysotile** **4% Anthophyllite**
5-29-AC-02 *031420782-0002*	LIVING ROOM - POPCON CEILING PAINT				**Stop Positive (Not Analyzed)**
5-29-AC-03 *031420782-0003*	LIVING ROOM - POPCON CEILING PAINT				**Stop Positive (Not Analyzed)**
5-29-AC-04 *031420782-0004*	LIVING ROOM - CAULK AT WALL JUNCTION	White Non-Fibrous Homogeneous		2% Mica 66% Ca Carbonate 32% Non-fibrous (other)	**None Detected**
			Inseparable paint / coating layer included in analysis		
5-29-AC-05 *031420782-0005*	LIVING ROOM - CAULK AT WALL JUNCTION	White Non-Fibrous Homogeneous		66% Ca Carbonate 34% Non-fibrous (other)	**None Detected**
			Inseparable paint / coating layer included in analysis		
5-29-AC-06 *031420782-0006*	KITCHEN - SMOOTH TEXTURED CEILING PAINT	Pink/Cream Non-Fibrous Homogeneous		44% Gypsum 22% Ca Carbonate 34% Non-fibrous (other)	**None Detected**
			Inseparable paint / coating layer included in analysis		
5-29-AC-07 *031420782-0007*	KITCHEN - SMOOTH TEXTURED CEILING PAINT	Gray/Cream Non-Fibrous Homogeneous		44% Gypsum 11% Ca Carbonate 45% Non-fibrous (other)	**None Detected**
			Inseparable paint / coating layer included in analysis		
5-29-AC-08 *031420782-0008*	KITCHEN - SMOOTH TEXTURED CEILING PAINT	Gray Non-Fibrous Homogeneous		35% Ca Carbonate 65% Non-fibrous (other)	**None Detected**

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Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from 06/01/2014 09:10:39

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307 West 38th Street, New York, NY 10018
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EMSL Order:	031420782
CustomerID:	EEVM50
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ProjectID:	

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Terryville, CT 06786

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	05/31/14 11:29 AM
Analysis Date:	6/1/2014
Collected:	5/29/2014

Project: **14-028.12T16/CSA-SUPERSTORM SANDY/85 RIDGEBROOK DRIVE, 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**
5-29-AC-09 *031420782-0009*	KITCHEN - JOINT COMPOUND ON CEILING	Tan/White Non-Fibrous Homogeneous		49% Gypsum 20% Ca Carbonate 31% Non-fibrous (other)	**None Detected**
			Result includes a small amount of inseparable attached material		
5-29-AC-10 *031420782-0010*	KITCHEN - JOINT COMPOUND ON CEILING	Tan/White Non-Fibrous Homogeneous		49% Gypsum 20% Ca Carbonate 31% Non-fibrous (other)	**None Detected**
			Result includes a small amount of inseparable attached material		
5-29-AC-11 *031420782-0011*	KITCHEN - JOINT COMPOUND ON CEILING	Tan/White Non-Fibrous Homogeneous		25% Gypsum 35% Ca Carbonate 40% Non-fibrous (other)	**None Detected**
5-29-AC-12 *031420782-0012*	KITCHEN - SKIM COAT PLASTER AT CEILING	White Non-Fibrous Homogeneous		30% Gypsum 20% Ca Carbonate 50% Non-fibrous (other)	**None Detected**
			Inseparable paint / coating layer included in analysis		
5-29-AC-13 *031420782-0013*	KITCHEN - SKIM COAT PLASTER AT CEILING	White Non-Fibrous Homogeneous		30% Gypsum 30% Ca Carbonate 40% Non-fibrous (other)	**None Detected**
			Inseparable paint / coating layer included in analysis		
5-29-AC-14 *031420782-0014*	BED 3 CLSOET - SKIM COAT PLASTER AT CEILING	White Non-Fibrous Homogeneous		35% Gypsum 45% Ca Carbonate 20% Non-fibrous (other)	**None Detected**
5-29-AC-15 *031420782-0015*	KITCHEN - ROUGH COAT PLASTER AT CEILING	Brown Non-Fibrous Homogeneous		57% Quartz 43% Non-fibrous (other)	**None Detected**

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Project: **14-028.12T16/CSA-SUPERSTORM SANDY/85 RIDGEBROOK DRIVE, 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**
5-29-AC-16 *031420782-0016*	KITCHEN - ROUGH COAT PLASTER AT CEILING	Brown Non-Fibrous Homogeneous		57% 43%	Quartz Non-fibrous (other)	**None Detected**
5-29-AC-17 *031420782-0017*	BED 3 CLOSET - ROUGH COAT PLASTER AT CEILING	Gray Non-Fibrous Homogeneous		25% 35% 14% 26%	Quartz Gypsum Perlite Non-fibrous (other)	**None Detected**
5-29-AC-18 *031420782-0018*	LIVING ROOM - GYPSUM BOARD AT CEILING	Gray Non-Fibrous Homogeneous	2% Cellulose	60% 38%	Gypsum Non-fibrous (other)	**None Detected**
5-29-AC-19 *031420782-0019*	LIVING ROOM - GYPSUM BOARD AT CEILING	Gray Non-Fibrous Homogeneous	2% Cellulose	60% 38%	Gypsum Non-fibrous (other)	**None Detected**
5-29-AC-20 *031420782-0020*	MAIN ROOF - GRAY ASPHALT SHINGLE	Black Non-Fibrous Homogeneous	5% Synthetic	40% 20% 35%	Quartz Ca Carbonate Non-fibrous (other)	**None Detected**
5-29-AC-21 *031420782-0021*	MAIN ROOF - GRAY ASPHALT SHINGLE	Black Non-Fibrous Homogeneous	4% Glass	35% 12% 49%	Quartz Ca Carbonate Non-fibrous (other)	**None Detected**
5-29-AC-22 *031420782-0022*	MAIN ROOF - ORANGE ASPHALT SHINGLE PATCH	Black Non-Fibrous Homogeneous	5% Synthetic	33% 15% 47%	Quartz Ca Carbonate Non-fibrous (other)	**None Detected**

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Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from 06/01/2014 09:10:39

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Terryville, CT 06786

Phone:	(860) 589-8257
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Received:	05/31/14 11:29 AM
Analysis Date:	6/1/2014
Collected:	5/29/2014

Project: **14-028.12T16/CSA-SUPERSTORM SANDY/85 RIDGEBROOK DRIVE, 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**
5-29-AC-23 *031420782-0023*	MAIN ROOF - ORANGE ASPHALT SHINGLE PATCH	Black Non-Fibrous Homogeneous	10%	Glass	35% 15% 40%	Quartz Ca Carbonate Non-fibrous (other)		**None Detected**
5-29-AC-24 *031420782-0024*	MAIN ROOF - BLACK FLASHING CEMENT	Black Non-Fibrous Homogeneous	22%	Cellulose	15% 63%	Ca Carbonate Non-fibrous (other)		**None Detected**
5-29-AC-25 *031420782-0025*	MAIN ROOF - BLACK FLASHING CEMENT	Black Non-Fibrous Homogeneous	25%	Cellulose	15% 60%	Ca Carbonate Non-fibrous (other)		**None Detected**
5-29-AC-26 *031420782-0026*	MAIN ROOF - WHITE CHMNEY FLASHING CEMENT	White Non-Fibrous Homogeneous			53% 47%	Gypsum Non-fibrous (other)		**None Detected**
5-29-AC-27 *031420782-0027*	MAIN ROOF - WHITE CHMNEY FLASHING CEMENT	White Non-Fibrous Homogeneous			35% 65%	Ca Carbonate Non-fibrous (other)		**None Detected**
5-29-AC-28 *031420782-0028*	MAIN ROOF - ROOFING MEMBRANE	Black Non-Fibrous Homogeneous			78%	Non-fibrous (other)	**22%**	**Chrysotile**
5-29-AC-29 *031420782-0029*	MAIN ROOF - ROOFING MEMBRANE							**Stop Positive (Not Analyzed)**
5-29-AC-30 *031420782-0030*	PORCH ROOF 3 - TAN ASPHALT SHINGLE	Tan Non-Fibrous Homogeneous	5%	Synthetic	44% 51%	Quartz Non-fibrous (other)		**None Detected**

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Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from 06/01/2014 09:10:39

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:	031420782
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

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

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	05/31/14 11:29 AM
Analysis Date:	6/1/2014
Collected:	5/29/2014

Project: **14-028.12T16/CSA-SUPERSTORM SANDY/85 RIDGEBROOK DRIVE, 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**
5-29-AC-31 *031420782-0031*	PORCH ROOF 3 - TAN ASPHALT SHINGLE	Tan/Black Non-Fibrous Homogeneous	5%	Glass	45% 50%	Quartz Non-fibrous (other)	**None Detected**
5-29-AC-32 *031420782-0032*	MAIN ROOF - VAPOR PAPER (BOTTOM LAYER)	Black Non-Fibrous Homogeneous	6%	Synthetic	66% 28%	Ca Carbonate Non-fibrous (other)	**None Detected**
5-29-AC-33 *031420782-0033*	MAIN ROOF - VAPOR PAPER (BOTTOM LAYER)	Black Non-Fibrous Homogeneous	3%	Glass	15% 35% 47%	Quartz Ca Carbonate Non-fibrous (other)	**None Detected**
5-29-AC-34 *031420782-0034*	MAIN ROOF - STONE MORTAR AT CHIMNEY	Gray Non-Fibrous Homogeneous			70% <1% 10% 20%	Quartz Mica Ca Carbonate Non-fibrous (other)	**None Detected**
5-29-AC-35 *031420782-0035*	MAIN ROOF - STONE MORTAR AT CHIMNEY	Gray Non-Fibrous Homogeneous			50% <1% 10% 40%	Quartz Mica Ca Carbonate Non-fibrous (other)	**None Detected**

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Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from 06/01/2014 09:10:39

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:	031420782
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

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

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	05/31/14 11:29 AM
Analysis Date:	6/1/2014
Collected:	5/29/2014

Project: **14-028.12T16/CSA-SUPERSTORM SANDY/85 RIDGEBROOK DRIVE, 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::	5/31/2014	Sample Receipt Time:	11:29 AM
Analysis Completed Date:	6/1/2014	Analysis Completed Time:	8:54 AM

Analyst(s):

Kamel Alawawda
Kamel Alawawda PLM (10)

Madisen Nnaoji
Madisen Nnaoji PLM (22)

Samples reviewed and approved by:

James P Hall
James Hall, Laboratory Manager
or other approved signatory

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Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--IHLAP Accredited #102581, NVLAP Lab Code 101048-9, NYS ELAP 11506, NJ NY022, CT PH-0170, MA AA000170

Initial report from 06/01/2014 09:10:39

THIS IS THE LAST PAGE OF THE REPORT.

APPENDIX 3

INTERIOR AND EXTERIOR VISUAL ASSESSMENT FORMS

EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 85 Ridgebrook Drive, Bridgeport

Room No: Basement (001)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	9x9 Floor tile	
Wall	A B C D	I F P	Wood, Block, Drywall	
Ceiling	A B C D	I F P		
Door	A B C D	I F P		
Door ~~Casing~~ Frame	A B C D	I F P	Metal	
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	Metal window	
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	None	
Clst.Door Casing	A B C D	I F P	Wood	
Clst.Door Jamb / Stop	A B C D	I F P	↓	
Closet ~~Shelf~~ Pole	A B C D	I F P	metal	
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		
Crawl space door	A B C D	I F P	Wood	
Crawl space dr. csg.	A B C D	I F P		
Column	A B C D	I F P	metal	
Trimwork	A B C D	I F P		
Door Casing	A B C D	I F P	wood (Stain)	
Door Jamb	A B C D	I F P		
Door Stop	A B C D	I F P		
Door	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: 85 Ridgebrook Drive, Bridgeport

Room No: Garage (002)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F (P)	Concrete	
Wall	(A) (B) (C) (D)	(I) F P	Block Panel, plaster	
Ceiling	A B C D	(I) F P	Plaster	
Door	A B C (D)	(I) F P	Metal	
Door ~~Casing~~ Frame	A B C (D)	I F (P)	metal	
Door Jamb	A B C D	I F P	N/A	
Baseboard	A B C D	I F P		
Window Casing	A (B) C D	(I) F P	wood	
Window Stop	A B C D	I F P	None	
Window Jamb	A B C D	I F P	None	
Window Sash	A (B) C D	I F (P)	metal	
Window Well	A B C D	I F P	None	
Window Sill	A B C D	I F (P)	wood	
Window Apron	A B C D	(I) F P	wood	
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)	Metal	
Crown Molding	(A) (B) (C) (D)	(I) F P	wood	
Cabinet	A B C D	I F P		
Cabinet Door	A B (C) D	I F (P)	wood	
Cabinet Frame	A B (C) D	I F (P)	wood	
Shelving Trim	A (B) (C) (D)	(I) F P	wood, metal	
Garage Door Track	(A) B C D	I F (P)	metal	
Garage Door	(A) B C D	I F (P)	Wood	
	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: 85 Ridgebrook Drive, Bridgeport

Room No: Entry Hall (003)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Marble (No Paint)	
Wall	A B C D	I F P	Drywall	
Ceiling	A B C D	I F P	Drywall	
Door	A B C D	I F P	Wood	
Door Casing	A B C D	I F P	Wood	
Door Jamb / Stop	A B C D	I F P	Wood	
Baseboard	A B C D	I F P	Wood	
Window Casing	A B C D	I F P	None	
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	Wood Stain	
Clst.Door Casing	A B C D	I F P	Wood (white)	
Clst.Door Jamb	A B C D	I F P	Wood	
Closet Shelf	A B C D	I F P	Wood	
Shelf Support	A B C D	I F P	Wood	
Radiator	A B C D	I F P	None	
Crown Molding	A B C D	I F P	None	
Cabinet	A B C D	I F P	None	
Cabinet Door	A B C D	I F P	None	
Cabinet Frame	A B C D	I F P	None	
Closet Door Thresh	A B C D	I F P	Wood	
Stairs Floor/Tread	A B C D	I F P	Wood (Stain)	
Stair Riser	A B C D	I F P	Wood (white)	
Stair Stringer	A B C D	I F P	Wood (white	
	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: 85 Ridgebrook Drive, Bridgeport

Room No: Living Room (004)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Wood (Stain)	
Wall	A B C D	I F P	Drywall	
Ceiling	A B C D	I F P	Drywall	
Door	A B C D	I F P	Wood (white)	
Door Casing	A B C D	I F P	Wood (white)	
Door Jamb	A B C D	I F P	Wood (Stain)	
Baseboard	A B C D	I F P	Wood (white)	
Window Casing	A B C D	I F P	Wood	
Window Stop	A B C D	I F P	Wood	
Window Jamb	A B C D	I F P	~~Wood~~ None	
Window Sash	A B C D	I F P	Wood	
Window Well	A B C D	I F P	None	
Window Sill	A B C D	I F P	Wood	
Window Apron	A B C D	I F P	Wood	
Closet Door	A B C D	I F P	None	
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	metal	
Crown Molding	A B C D	I F P	Wood	
Cabinet	A B C D	I F P	None	
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
Window Shutters	A B C D	I F P	Wood	
	A B C D	I F P	no	
	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: 85 Ridgebrook Drive, Bridgeport

Room No: Kitchen (005)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Ceramic	
Wall	A B C D	I F P		
Ceiling	A B C D	I F P	Plaster	
Door	A B C D	I F P	None	
Door Casing	A B C D	I F P	Wood (Stain)	
Door Jamb	A B C D	I F P	Wood (Stain)	
Baseboard	A B C D	I F P	None	
Window Casing	A B C D	I F P	Wood Stain	
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	None	
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	Metal	
Crown Molding	A B C D	I F P	Wood	
Cabinet (Interior)	A B C D	I F P	No Paint	
Cabinet Door	A B C D	I F P	Wood (Stain	
Cabinet Frame	A B C D	I F P	Wood (Stain)	
Trimwork	A B C D	I F P	Wood (Stain)	
	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: 85 Ridge Brook Drive

Room No: Sitting Room (bace)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	wood	
Wall	A B C D	I F P	wood panel brick	
Ceiling	A B C D	I F P	wood (stain)	
Door	A B C D	I F P	wood (white)	
Door Casing	A B C D	I F P	wood (stain)	
Door Jamb	A B C D	I F P	wood	
Baseboard	A B C D	I F P		
Window Casing	A B C D	I F P	wood (stain)	
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	None	
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	metal (white)	
Crown Molding	A B C D	I F P	wood	
Cabinet	A B C D	I F P	None	
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
Shelving	A B C D	I F P	wood (stain)	
Stairs Tread	A B C D	I F P	wood (stain)	
Stairs Riser	A B C D	I F P	wood (white)	
Stairs Railing	A B C D	I F P	wood (white)	
Stairs Railing	A B C D	I F P	metal (white)	
Stairs Newel Post	A B C D	I F P	wood (white)	
	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: 85 Ridgebrook Drive, Bridgeport

Room No: Sun Room (007)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F (P)	Concrete (blue)	
Wall	(A) (B) C D	I F (P)	Wood (white)	
Ceiling + trim	A B C D	(I) F P	Wood (white/blue)	
Door	A (B) C (D)	I F (P)	Wood x3	
Door Casing	A (B) C (D)	I F (P)	↓	
Door Jamb /stop	A (B) C (D)	I F (P)		
Baseboard	(A) B C D	I F (P)	Wood (white)	
Window Casing	A B (C) (D)	(I) F P	wood (white + blue)	
Window Stop	A B (C) (D)	I F (P)	Wood (white)	
Window Jamb	A B C D	I F P	None	
Window Sash	A B (C) (D)	(I) F P	metal (no paint)	
Window Well	A B C D	I F P	None	
Window Sill	A B (C) (D)	I F (P)	wood (blue) / (white)	
Window Apron	A B (C) (D)	(I) F P	↓ (blue)	
Closet Door	A B C D	I F P	None	
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	None	
Crown Molding	(A) (B) (C) (D)	(I) F P	Wood (white/blue)	
Cabinet	A B C D	I F P	None	
Cabinet Door	A B C D	I F P	↓	
Cabinet Frame	A B C D	I F P		
Coveborse (vinyl)	(A) B C D	I F (P)	vinyl (blue)	
	A B C D	I F P		
Shelf	A (B) C D	I F (P)	wood (blue)	
Windows Mullions	(A) (B) (C) (D)	I F (P)	Wood (white)	
	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: 85 Ridgebrook Drive, Bridgeport

Room No: Bath 1 (008)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Ceramic	
Wall	(A) (B) (C) (D)	(I) F P	Ceramic, panel, brick	
Ceiling	A B C D	I F (P)	Plaster	
Door	(A) B C D	I F (P)	wood (white)	
Door Casing	(A) B C D	I F (P)	↓	
Door Jamb / Stop	(A) B C D	I F (P)	↓	
Baseboard	A B C D	I F P	None	
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)	metal (pipe)	
Crown Molding	(A) B (C) (D)	(I) F P	wood	
Cabinet	A B C D	I F P	No Paint	
Cabinet Door	A B C D	I F P	↓	
Cabinet Frame	A B C D	I F P	↓	
med Cabinet	A (B) C D	I F (P)	metal interior	
	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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INTERIOR
VISUAL ASSESSMENT FORM

Address: 85 Ridgebrook Drive, Bridgeport

Room No: Hallway 2 (009)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	wood (stain)	
Wall	A B C D	I F P	Drywall (paint)	
Ceiling	A B C D	I F P	Drywall (white)	
Door	A B C D	I F P	Wood (white)	
Door Casing	A B C D	I F P	Wood (white)	
Door Jamb	A B C D	I F P	See individual Rooms	
Baseboard	A B C D	I F P	wood (white)	
Window Casing	A B C D	I F P	None	
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	wood (stain)	
Clst.Door Casing	A B C D	I F P	wood (stain)	
Clst.Door Jamb	A B C D	I F P	wood (brown)	
Closet Shelf	A B C D	I F P	wood (green)	
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P	None	
Crown Molding	A B C D	I F P	None	
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		

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INTERIOR
VISUAL ASSESSMENT FORM

Address: 85 Ridgebrook Road, Bridgeport

Room No: Bedroom 1 (OPO)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P		
Wall	A B C D	I F P	Drywall	
Ceiling	A B C D	I F P	Drywall (white)	
Door	A B C D	I F P	wood (brown)	
Door Casing	A B C D	I F P	(gold)	
Door Jamb	A B C D	I F P	(gold)	
Baseboard	A B C D	I F P	wood (gold)	
Window Casing /mulion	A B C D	I F P	wood (gold)	
Window Stop	A B C D	I F P	wood (white)	
Window Jamb	A B C D	I F P	Aluminum	
Window Sash	A B C D	I F P	wood (white)	
Window Well	A B C D	I F P	wood (stain)	
Window Sill	A B C D	I F P	wood (gold)	
Window Apron	A B C D	I F P	wood (gold)	
Closet Door	A B C D	I F P	wood (gold)	
Clst.Door Casing	A B C D	I F P	wood (gold/white)	
Clst.Door Jamb	A B C D	I F P	wood (white)	
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	Metal (white)	
Crown Molding	A B C D	I F P	None	
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		
Closet door (white)	A B C D	I F P	wood (white)	
Door threshold	A B C D	I F P	wood (stain)	
	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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INTERIOR
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Address: 85 Ridgebrook Drive, Bridgeport

Room No: Bedroom 2 (011)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Wood (stain)	
Wall	A B C D	I F P		
Ceiling	A B C D	I F P	Fiberboard	
Door	A B C D	I F P	wood (white)	
Door Casing	A B C D	I F P	wood (green)	
Door Jamb	A B C D	I F P	wood (white)	
Baseboard	A B C D	I F P	Wood (green)	
Window Casing	A B C D	I F P	wood (green)	
Window Stop	A B C D	I F P	↓	
Window Jamb.	A B C D	I F P	Aluminum	
Window Sash	A B C D	I F P	wood (green)	
Window Well	A B C D	I F P	wood (stain)	
Window Sill	A B C D	I F P	wood (green)	
Window Apron	A B C D	I F P	wood (green)	
Closet Door	A B C D	I F P	wood (white)	
Clst.Door Casing	A B C D	I F P	wood (green) (white)	
Clst.Door Jamb	A B C D	I F P	↓	
Closet Shelf	A B C D	I F P	wood (white)	
Shelf Support	A B C D	I F P	↓	
Radiator	A B C D	I F P	metal (green)	
Crown Molding	A B C D	I F P	wood (green)	
Cabinet	A B C D	I F P	None	
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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INTERIOR
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Address: 85 Ridgebrook Drive, Bridgeport

Room No: Hall 3 (012)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Ceramic	
Wall	A B C D	I F P	Drywall (paint)	
Ceiling	A B C D	I F P	Drywall (white)	
Door	A B C D	I F P	None	
Door Casing	A B C D	I F P	wood (white)	
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	None	
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	metal unit	
Crown Molding	A B C D	I F P	wood unit	
Cabinet	A B C D	I F P	None	
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		
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	A B C D	I F P		
	A B C D	I F P		

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INTERIOR
VISUAL ASSESSMENT FORM

Address: 85 Ridgebrook Drive, Bridgeport

Room No: Hall 4 (013)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Carpet	
Wall	A B C D	I F P	Plaster (Paint)	
Ceiling	A B C D	I F P	Drywall (unite)	
Door	A B C D	I F P	wood (unite)	
Door Casing	A B C D	I F P		
Door Jamb	A B C D	I F P	See hallway Room	
Baseboard	A B C D	I F P	wood (unite)	
Window Casing	A B C D	I F P	None	
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	wood (unite)	
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P	wood (unite)	
Closet Shelf	A B C D	I F P	No Paint	
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P	None	
Crown Molding	A B C D	I F P	None	
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	A B C D	I F P	Covered by Carpet	
Stair Stringer	A B C D	I F P	wood (unite)	
Stair Rails	A B C D	I F P	metal (unite)	
Doors	A B C D	I F P	wood (unite)	
	A B C D	I F P		
Attic Door	A B C D	I F P	wood (unite	
Attic Dr Casing	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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INTERIOR
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Address: 85 Ridgebrook Drive, Bridgeport

Room No: Bed 3 (014)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Carpet	
Wall	A B C D	I F P	Wallpaper	
Ceiling	A B C D	I F P	Drywall / Plaster	
Door	A B C D	I F P	Wood (white)	
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	wood (pink)	
Window Casing	A B C D	I F P	wood (white)	
Window Stop	A B C D	I F P	wood (white)	
Window Jamb	A B C D	I F P	Aluminum	
Window Sash	A B C D	I F P	wood (white)	
Window Well	A B C D	I F P	wood (stain)	
Window Sill	A B C D	I F P	wood (white)	
Window Apron	A B C D	I F P	wood (white)	
Closet Door	A B C D	I F P	wood (white)	
Clst.Door Casing	A B C D	I F P	wood (white)	
Clst.Door Jamb	A B C D	I F P	wood (white)	
Closet Shelf	A B C D	I F P	wood (white)	
Shelf Support	A B C D	I F P	wood (white)	
Radiator	A B C D	I F P	Metal (Rust/white)	
Crown Molding	A B C D	I F P	None	
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P	wood (pink)	
Cabinet Frame	A B C D	I F P	wood (white)	
	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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INTERIOR
VISUAL ASSESSMENT FORM

Address: 85 Ridgebrook Drive, Bridgeport

Room No: Bed 4 (615)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Carpet	
Wall	A B C D	I F P	wall paper	
Ceiling	A B C D	I F P	Drywall/Plaster	
Door	A B C D	I F P	wood white	
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	wood (white)	
Window Casing	A B C D	I F P	wood white	
Window Stop	A B C D	I F P	wood white	
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P	wood white	
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	wood (white)	
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	Metal	
Crown Molding	A B C D	I F P	None	
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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INTERIOR
VISUAL ASSESSMENT FORM

Address: 85 Ridgebrook Drive, Bridgeport

Room No: Bath 2 (116)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F P	Ceramic	
Wall	A B C D	I F P	Panel, ceramic, drywall	
Ceiling	A B C D	I F P	Drywall, plaster	
Door	A B C D	I F P	wood (stain)	
Door Casing	A B C D	I F P		
Door Jamb / stop	A B C D	I F P	wood (white)	
Baseboard	A B C D	I F P		
Window Casing	A B C D	I F P	wood (white)	
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P	wood (stain)	
Window Sash	A B C D	I F P	wood (white)	
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	None	
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	metal (pink)	
Crown Molding	A B C D	I F P	None	
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		
wood mantlpm	A B C D	I F P	wood (stain)	
	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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EXTERIOR VISUAL ASSESSMENT FORM

Address: _____

Side: A (001)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A B C D	I F (P)	Wood	
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)		
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)	(wood (white))	
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)	Wood (white)	
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)	Metal	
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		
Stair Railing	(A) B C D	I F (P)	Metal (brown)	
door threshold	A B C D	I F (P)		
door kickplate	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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EXTERIOR VISUAL ASSESSMENT FORM

Address: _____

Side: D Side

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A B C D	I F P	Wood	
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		
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		
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		
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		
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	A B C D	I F P		

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EXTERIOR VISUAL ASSESSMENT FORM

Address: _____

Side: C Side

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A B C D	I F P	Wood	
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		
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		
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		
Door Casing	A B C D	I F P	Wood	
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		
Shingles	A B C D	I F P	wood	
	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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EXTERIOR VISUAL ASSESSMENT FORM

Address: _____

Side: D Side

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A B C D	I F P	wood	
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		
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		
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	wood	
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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	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#01509 - 05/29/14 11:11

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

PERFORMED AT: 85 Ridgebrook Drive
Bridgeport, Connecticut

INSPECTION DATE: 05/29/14

INSTRUMENT TYPE: R M D
MODEL LPA-1
XRF TYPE ANALYZER
Serial Number: 01509

ACTION LEVEL: 1.0 mg/cm²

OPERATOR LICENSE: 002244

A lead based paint inspection of the defective paint at 85 Ridgebrook Drive in Bridgeport, Connecticut

SIGNED: _____ Date: 6/3/14

Hannah Hintz
Lead Inspector / Risk Assessor
Eagle Environmental, Inc.
8 South Main Street
Bridgeport, Connecticut

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

Inspection Date:	05/29/14	85 Ridgebrook Drive
Report Date:	6/3/2014	Bridgeport, Connecticut
Abatement Level:	1.0	
Report No.	S#01509 - 05/29/14 11:11	
Total Readings:	324 Actionable: 10	
Job Started:	05/29/14 11:11	
Job Finished:	05/29/14 16:38	

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Exterior Room 001 Facade A									
281	A	Garage Door	Lft		I	Wood	brown	1.5	QM
282	A	Railing	Ctr	Railing	P	Metal	brown	1.0	QM
Exterior Room 002 Facade B									
294	B	Foundation	Lft		P	Concrete	Gray	1.0	QM
291	B	Window	Rgt	Sash	P	Metal	White	2.1	QM
Exterior Room 003 Facade C									
312	C	Patio	Ctr		P	Concrete	brown	1.0	QM
Interior Room 001 Basement									
012	C	Closet	Rgt	Pole	P	Metal	White	1.5	QM
Interior Room 007 Sun Rm									
140	B	Door	Lft	Casing	P	Wood	White	1.4	QM
141	B	Door	Lft	Stop	P	Wood	brown	2.2	QM
142	B	Door	Lft	Jamb	P	Wood	White	1.8	QM
143	B	Door	Lft	N\A	P	Wood	brown	2.3	QM
Calibration Readings									

---- End of Readings ----

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

Inspection Date:	05/29/14	85 Ridgebrook Drive
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Report No.	S#01509 - 05/29/14 11:11	
Total Readings:	324	
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Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Exterior Room 001 Facade A									
277	A	Garage Door	Lft	Stop	I	Wood	brown	0.0	QM
278	A	Garage Door	Lft	Lintel	I	Wood	brown	0.3	QM
279	A	Garage Door	Lft	Lintel	I	Steel	brown	0.0	QM
280	A	Garage Door	Lft	Lintel	I	Steel	brown	0.0	QM
281	A	Garage Door	Lft		I	Wood	brown	1.5	QM
289	A	Shakes	Ctr		P	Wood	stain	-0.1	QM
284	A	Door	Ctr	N\A	P	Wood	brown	0.6	QM
285	A	Door	Ctr	threshold	P	Wood	brown	-0.1	QM
286	A	Door	Ctr	Kick plate	P	Wood	brown	0.0	QM
287	A	Door	Ctr	Stop	P	Wood	White	0.0	QM
288	A	Door	Ctr	Stop	P	Wood	brown	0.2	QM
282	A	Railing	Ctr	Railing	P	Metal	brown	1.0	QM
Exterior Room 002 Facade B									
294	B	Foundation	Lft		P	Concrete	Gray	1.0	QM
290	B	Shakes	Ctr		P	Wood	stain	0.2	QM
295	B	Foundation	Lft		P	Concrete	Gray	0.7	TC
292	B	Window	Rgt	Casing	P	Wood	White	-0.1	QM
291	B	Window	Rgt	Sash	P	Metal	White	2.1	QM
293	B	Window	Rgt	Sill	P	Wood	White	-0.1	QM
Exterior Room 003 Facade C									
306	C	Shakes	Ctr		P	Wood	stain	-0.2	QM
312	C	Patio	Ctr		P	Concrete	brown	1.0	QM
313	C	Patio	Ctr		P	Concrete	brown	0.8	TC
314	C	light post	Ctr		P	Metal	White	-0.2	QM
315	C	light post	Ctr	Railing	P	Metal	White	0.6	QM
307	C	Window	Ctr	Casing	P	Wood	White	0.1	QM
308	C	Window	Ctr	Sill	P	Wood	White	0.0	QM
309	C	Door	Lft	Casing	P	Wood	White	0.1	QM
310	C	Door	Lft	N\A	P	Wood	White	0.4	QM
311	C	Railing	Lft	Railing	P	Wood	White	0.0	QM
Exterior Room 004 Facade D									
296	D	Shakes	Lft		P	Wood	stain	0.0	QM
305	D	Fascia	Lft		P	Wood	White	0.3	QM
304	D	Soffit	Lft		P	Wood	White	0.0	QM
297	D	Window	Lft	Casing	P	Wood	White	0.0	QM
298	D	Window	Lft	Sill	P	Wood	White	0.0	QM
299	D	Door	Lft	N\A	P	Wood	White	-0.1	QM
300	D	Door	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
301	D	Door	Lft	Stop	P	Wood	White	-0.1	QM
302	D	Door	Lft	Jamb	P	Wood	White	0.2	QM
303	D	Door	Lft	threshold	P	Wood	black	0.7	QM
Exterior Room 005 Shed									
316	-	Siding	Ctr		P	Wood	brown	0.0	QM
318	-	Trim	Ctr		P	Wood	White	0.0	QM
317	-	Door	Ctr		P	Wood	brown	0.2	QM
Exterior Room 006 PoolShed									
319	A	Siding	Ctr		P	Wood	Cream	-0.1	QM
320	A	Door	Ctr	N\A	P	Wood	Cream	0.0	QM
321	A	Door	Ctr	Trim	P	Wood	Cream	-0.1	QM
Interior Room 001 Basement									
004	-	Ceiling	Lft		P	Fiberboard	White	-0.1	QM
015	B	Door	Rgt	Frame	P	Metal	White	0.1	QM
016	B	Door	Rgt	N\A	P	Metal	White	0.0	QM
011	C	Closet	Rgt	Door Stop	P	Wood	White	-0.1	QM
012	C	Closet	Rgt	Pole	P	Metal	White	1.5	QM
014	C	Closet	Rgt	Door Casing	P	Wood	White	-0.1	QM
010	C	Closet	Rgt	Door Jamb	P	Wood	White	-0.1	QM
013	C	Closet	Rgt	Shelf Sup.	P	Wood	White	0.0	QM
005	D	Crawl Space	Ctr	Door	P	Wood	White	0.0	QM
006	D	Crawl Space	Ctr	Door Casing	P	Wood	White	0.0	QM
007	D	Wall	Ctr		P	Wood	White	-0.2	QM
009	D	Column	Ctr		P	Metal	White	0.0	QM
008	D	Closet	Ctr	Door	P	Wood	White	0.3	QM
Interior Room 002 Garage									
017	-	Floor	Rgt		P	Concrete	brown	0.0	QM
022	A	Garage Door	Ctr	Track	P	Metal	brown	0.4	QM
023	A	Garage Door	Ctr		P	Wood	brown	0.0	QM
020	C	Cabinet	Rgt		P	Wood	brown	0.0	QM
021	C	Cabinet	Rgt	Door	P	Wood	White	-0.1	QM
018	D	Door	Lft	Frame	P	Metal	brown	0.0	QM
019	D	Door	Lft	N\A	P	Metal	brown	0.0	QM
Interior Room 003 Foyer									
033	A	Door	Rgt	Casing	P	Wood	White	0.0	QM
034	A	Door	Rgt	Jamb	P	Wood	White	0.0	QM
035	A	Door	Rgt	Stop	P	Wood	White	-0.2	QM
036	A	Door	Rgt		P	Wood	White	-0.1	QM
024	C	Wall	Ctr		P	Plaster	No Paint	0.0	QM
025	C	Baseboard	Ctr		P	Wood	White	-0.2	QM
029	C	Door	Lft	Casing	P	Wood	White	0.0	QM
030	C	Door	Lft	N\A	P	Wood	White	-0.2	QM
031	C	Door	Lft	Jamb	P	Wood	stain	-0.1	QM
032	C	Door	Lft	Stop	P	Wood	stain	0.0	QM

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Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
028	C	Stairs	Ctr	Stringers	P	Wood	White	0.0	QM
027	C	Stairs	Ctr	Balusters	P	Metal	White	0.0	QM
026	C	Stairs	Ctr	Railing cap	P	Metal	White	0.0	QM
037	D	Door	Rgt		P	Wood	White	0.0	QM
040	D	Closet	Lft	Door Stop	P	Wood	White	-0.1	QM
041	D	Closet	Lft	Door	P	Wood	stain	-0.1	QM
038	D	Closet	Lft	Door Casing	P	Wood	White	0.2	QM
039	D	Closet	Lft	Door Jamb	P	Wood	White	0.0	QM
042	D	Closet	Lft	Shelf Sup.	P	Wood	White	0.0	QM
043	D	Closet	Lft	Shelf	P	Wood	White	-0.1	QM
Interior Room 004 Living Rm									
044	-	Ceiling	Rgt		P	Dry wall	White	-0.1	QM
045	A	Wall	Rgt		P	Plaster	blue	-0.1	QM
056	A	Window	Lft	Stop	I	Wood	blue	0.0	QM
055	A	Window	Lft	Sash	P	Wood	blue	-0.2	QM
054	A	Window	Lft	Sill	P	Wood	blue	-0.1	QM
060	B	Door	Rgt	Jamb	P	Wood	stain	0.0	QM
047	C	Wall	Rgt		P	Plaster	blue	0.0	QM
048	C	Baseboard	Rgt		P	Wood	White	0.2	QM
057	C	Door	Rgt	Casing	P	Wood	blue	-0.1	QM
058	C	Door	Rgt		P	Wood	blue	0.0	QM
059	C	Door	Rgt	Jamb	P	Wood	stain	0.0	QM
049	D	Radiator	Lft		P	Metal	blue	0.0	QM
046	D	Wall	Rgt		P	Plaster	blue	0.1	QM
050	D	Window	Lft	Shutter	P	Wood	blue	-0.1	QM
053	D	Window	Lft	Stop	I	Wood	blue	0.0	QM
052	D	Window	Lft	Sash	P	Wood	blue	0.0	QM
051	D	Window	Lft	Sill	P	Wood	blue	0.0	QM
Interior Room 005 Kitchen									
061	-	Ceiling	Rgt		P	Plaster	White	-0.1	QM
069	A	Door	Rgt	Jamb	P	Wood	stain	-0.1	QM
070	A	Door	Rgt	Casing	P	Wood	stain	-0.1	QM
068	B	Radiator	Ctr		P	Metal	White	0.0	QM
062	C	Cabinet	Rgt		P	Wood	stain	0.1	QM
063	C	Cabinet	Rgt	Door	P	Wood	stain	0.0	QM
064	C	Window	Rgt	Casing	I	Wood	stain	-0.2	QM
065	C	Window	Rgt	Sash	I	Wood	stain	0.0	QM
067	C	Window	Rgt	Apron	I	Wood	stain	-0.1	QM
066	C	Window	Rgt	Sill	I	Wood	stain	-0.1	QM
Interior Room 006 Sitting Rm									
082	B	Upper Window	Rgt	Sash	I	Wood	stain	0.1	QM
083	B	Lower Window	Rgt	Sash	I	Wood	stain	0.0	QM
101	B	LL Ext. Wind	Rgt	Jamb	P	Wood	White	0.3	QM
103	B	UPPER Window	Rgt	Sash	P	Wood	White	0.0	QM
104	B	Upper Window	Rgt	Jamb	P	Wood	White	0.2	QM
077	C	LL Window	Lft	Sash	I	Wood	stain	-0.1	QM

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Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
079	C	UL Window	Lft	Sash	I	Wood	stain	0.0	QM
080	C	URight Windo	Lft	Sash	I	Wood	stain	0.2	QM
081	C	Lower Rght W	Lft	Sash	I	Wood	stain	0.0	QM
084	C	Lower Left W	Rgt	Sash	I	Wood	stain	0.0	QM
085	C	Lower Rght W	Rgt	Sash	I	Wood	stain	0.1	QM
086	C	Uppr Right W	Rgt	Sash	I	Wood	stain	-0.1	QM
087	C	Upper Left W	Rgt	Sash	I	Wood	stain	-0.2	QM
093	C	ULExt. Windo	Rgt	Sash	P	Wood	White	0.1	QM
094	C	ULExt. Windo	Rgt	Jamb	P	Wood	White	0.0	QM
095	C	UR Ext.Windo	Rgt	Sash	P	Wood	White	0.0	QM
096	C	UR Ext.Windo	Rgt	Jamb	P	Wood	White	0.3	QM
097	C	LR Ext.Windo	Rgt	Sash	P	Wood	White	0.7	QM
098	C	LL Ext. Wind	Rgt	Sash	P	Wood	White	0.6	QM
099	C	LL Ext. Wind	Rgt	Jamb	P	Wood	White	0.6	QM
100	C	LR Ext. Win.	Rgt	Jamb	P	Wood	White	0.0	QM
074	C	Window	Lft	Casing	I	Wood	stain	0.1	QM
076	C	Window	Lft	Stop	I	Wood	stain	0.2	QM
078	C	Window	Lft	Apron	I	Wood	stain	0.3	QM
075	C	Window	Lft	Sill	P	Wood	stain	0.0	QM
072	C	Railing	Rgt	Newell Post	P	Wood	White	-0.1	QM
073	C	Railing	Rgt	Balusters	P	Metal	White	0.0	QM
071	C	Railing	Rgt	Railing	P	Wood	White	0.0	QM
088	D	Upper Left W	Lft	Sash	I	Wood	stain	0.0	QM
089	D	Lower Left W	Lft	Sash	I	Wood	stain	0.2	QM
090	D	Upper Rght W	Lft	Sash	I	Wood	stain	0.0	QM
091	D	Lower Rght W	Lft	Sash	I	Wood	stain	0.3	QM
134	D	UR Ext. Wind	Lft	Jamb	P	Wood	blue	0.3	QM
135	D	UL Ext. Wind	Lft	Sash	P	Wood	blue	0.3	QM
136	D	UL Ext. Wind	Lft	Jamb	P	Wood	blue	0.1	QM
137	D	LL Ext. Wind	Lft	Sash	P	Wood	blue	-0.1	QM
138	D	LL Ext. Wind	Lft	Jamb	P	Wood	blue	-0.2	QM
102	D	LL Ext. Wind	Rgt	Sash	P	Wood	White	-0.1	QM
105	D	LL Ext. Wind	Rgt	Jamb	P	Wood	White	0.4	QM
106	D	LL Ext. Wind	Rgt	Jamb	P	Wood	White	-0.1	QM
107	D	LL Ext. Wind	Rgt	Jamb	P	Wood	White	0.1	QM
108	D	LL Ext. Wind	Rgt	Jamb	P	Wood	White	0.3	QM
109	D	LL Ext. Wind	Rgt	Jamb	P	Wood	White	0.0	QM
130	D	UL Ext.Windo	Rgt	Sash	P	Wood	blue	0.0	QM
131	D	UL Ext.Windo	Rgt	Jamb	P	Wood	blue	-0.1	QM
132	D	UR Ext. Wind	Rgt	Sash	P	Wood	blue	0.0	QM
133	D	UR Ext. Wind	Rgt	Jamb	P	Wood	blue	-0.1	QM
092	D	Door	Rgt	N\A	P	Wood	White	-0.1	QM
Interior Room 007 Sun Rm									
128	A	Wall	Lft		P	Wood	White	0.2	QM
129	A	Wall	Lft		P	Wood	White	0.3	QM
124	A	Baseboard	Lft		P	Wood	White	0.3	QM
123	A	Window	Lft	Apron	P	Wood	blue	0.0	QM
122	A	Window	Lft	Sill	P	Wood	blue	-0.1	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
121	B	Cove base	Rgt		P	Plastic	blue	0.0	QM
139	B	Wall	Lft	Cap	P	Wood	blue	-0.1	QM
114	B	Wall	Rgt		P	Wood	White	0.1	QM
115	B	Window	Lft	Sill	P	Wood	White	0.0	QM
116	B	Window	Lft	Sill	P	Wood	blue	0.0	QM
140	B	Door	Lft	Casing	P	Wood	White	1.4	QM
141	B	Door	Lft	Stop	P	Wood	brown	2.2	QM
142	B	Door	Lft	Jamb	P	Wood	White	1.8	QM
143	B	Door	Lft	N\A	P	Wood	brown	2.3	QM
110	B	Door	Rgt	Jamb	P	Wood	black	0.0	QM
111	B	Door	Rgt	Stop	P	Wood	White	0.0	QM
112	B	Door	Rgt	Casing	P	Wood	White	-0.1	QM
113	B	Door	Rgt	Door	P	Wood	blue	0.1	QM
117	B	Stairs	Lft	Treads	P	Concrete	blue	0.0	QM
118	C	Window	Lft	Mullion	P	Wood	White	0.0	QM
119	C	Window	Lft	Stop	P	Wood	White	-0.1	QM
120	C	Stairs	Lft	Railing	P	Metal	White	0.0	QM
125	D	Door	Rgt	Casing	P	Wood	White	0.0	QM
126	D	Door	Rgt		P	Wood	blue	-0.4	QM
127	D	Door	Rgt	Jamb	P	Wood	blue	0.0	QM
Interior Room 008 Bathroom 1									
144	A	Door	Ctr	Casing	P	Wood	White	-0.1	QM
145	A	Door	Ctr	Jamb	P	Wood	White	0.0	QM
146	A	Door	Ctr	Stop	P	Wood	White	0.0	QM
147	A	Door	Ctr	N\A	P	Wood	White	0.2	QM
148	B	Med. Cab.	Ctr	Shelf	P	Metal	White	0.2	QM
Interior Room 009 Hall 1									
150	A	Door	Rgt	Casing	P	Wood	White	0.3	QM
151	A	Door	Rgt		P	Wood	White	-0.1	QM
152	B	Door	Ctr		P	Wood	White	0.0	QM
153	C	Door	Lft		P	Wood	White	-0.1	QM
154	C	Door	Rgt	Jamb	P	Wood	White	-0.1	QM
158	C	Closet	Lft	Door Stop	P	Wood	White	0.1	QM
157	C	Closet	Lft	Door Jamb	P	Wood	brown	0.0	QM
156	C	Closet	Lft	Shelf Sup.	P	Wood	green	0.3	QM
155	C	Closet	Lft	Shelf	P	Wood	green	-0.1	QM
149	D	Baseboard	Ctr		P	Wood	White	-0.1	QM
Interior Room 010 Bedroom 1									
170	A	Ext. Window	Lft	Sash	P	Wood	White	0.3	QM
159	A	Radiator	Ctr		P	Metal	White	-0.1	QM
172	A	Ext. Window	Ctr	Sash	P	Wood	White	-0.1	QM
174	A	Ext. Window	Rgt	Sash	P	Wood	stain	-0.1	QM
164	A	Window	Lft	Stop	P	Wood	White	0.0	QM
166	A	Window	Lft	Sash	P	Wood	White	0.0	QM
169	A	Window	Lft	Well	P	Wood	White	-0.1	QM
160	A	Window	Ctr	Casing	P	Wood	gold	-0.1	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
163	A	Window	Ctr	Stop	P	Wood	White	-0.2	QM
167	A	Window	Ctr	Sash	P	Wood	White	0.3	QM
171	A	Window	Ctr	Well	P	Wood	White	-0.1	QM
161	A	Window	Ctr	Apron	I	Wood	gold	0.0	QM
162	A	Window	Ctr	Sill	P	Wood	gold	-0.1	QM
165	A	Window	Rgt	Stop	P	Wood	White	0.2	QM
168	A	Window	Rgt	Sash	P	Wood	White	0.0	QM
173	A	Window	Rgt	Well	P	Wood	stain	0.0	QM
180	C	Door	Rgt	Casing	P	Wood	gold	-0.2	QM
181	C	Door	Rgt	Jamb	P	Wood	gold	0.0	QM
182	C	Door	Rgt	Stop	P	Wood	brown	0.0	QM
183	C	Door	Rgt	Jamb	P	Wood	brown	0.0	QM
184	C	Door	Rgt	N\A	P	Wood	brown	-0.1	QM
177	C	Closet	Rgt	Door Stop	P	Wood	White	0.2	QM
175	C	Closet	Rgt	Door	P	Wood	White	-0.1	QM
176	C	Closet	Rgt	Door Jamb	P	Wood	White	0.2	QM
178	C	Closet	Rgt	Shelf Sup.	P	Wood	White	-0.2	QM
179	C	Closet	Rgt	Shelf	P	Wood	White	-0.1	QM
Interior Room 011 Bedroom 2									
185	A	Wall	Lft		P	Dry wall	Paper	-0.2	QM
196	A	Baseboard	Lft		P	Wood	green	0.0	QM
187	B	Radiator	Lft		P	Metal	green	0.1	QM
193	B	Ext. Window	Lft	Sash	P	Wood	black	-0.1	QM
194	B	Ext. Window	Rgt	Sash	P	Wood	black	-0.1	QM
186	B	Wall	Lft		P	Dry wall	Paper	-0.2	QM
188	B	Window	Lft	Casing	P	Wood	green	0.0	QM
189	B	Window	Lft	Stop	P	Wood	green	0.0	QM
192	B	Window	Lft	Well	P	Wood	stain	-0.1	QM
191	B	Window	Lft	Apron	P	Wood	green	0.0	QM
190	B	Window	Lft	Sill	P	Wood	green	-0.1	QM
195	B	Window	Rgt	Well	P	Wood	stain	0.0	QM
202	D	Door	Rgt	Casing	P	Wood	green	0.0	QM
203	D	Door	Rgt	Jamb	P	Wood	green	0.0	QM
204	D	Door	Rgt	Stop	P	Wood	green	0.1	QM
205	D	Door	Rgt	N\A	P	Wood	White	0.2	QM
197	D	Closet	Lft	Door	P	Wood	White	0.0	QM
198	D	Closet	Lft	Door Casing	P	Wood	green	0.0	QM
199	D	Closet	Lft	Door Jamb	P	Wood	White	-0.1	QM
200	D	Closet	Lft	Shelf Sup.	P	Wood	White	0.0	QM
201	D	Closet	Lft	Shelf	P	Wood	White	-0.1	QM
Interior Room 012 Hall ~~1~~ 2									
206	-	Ceiling	Rgt		P	Dry wall	White	0.4	QM
207	A	Wall	Rgt		P	Dry wall	paper	-0.1	QM
210	A	Door	Lft	Casing	P	Wood	White	-0.1	QM
211	A	Door	Lft	Jamb	P	Wood	White	0.2	QM
208	D	Wall	Rgt		P	Dry wall	paper	0.3	QM
209	D	Baseboard	Rgt		P	Wood	White	0.2	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
Interior Room 013 Hall #3									
215	-	Attic	Rgt	Casing	P	Wood	White	0.3	QM
216	-	Attic	Rgt	Door	P	Wood	White	-0.1	QM
276	-	Railing	Rgt	Balusters	P	Metal	White	-0.1	QM
214	B	Wall	Rgt		P	Plaster	paper	0.0	QM
217	B	Door	Lft	Casing	P	Wood	White	0.1	QM
218	B	Door	Lft	N\A	P	Wood	White	-0.1	QM
212	D	Stairs	Lft	Stringers	P	Wood	White	0.1	QM
213	D	Stairs	Lft	Railing cap	P	Metal	White	0.0	QM
220	D	Closet	Rgt	Threshold	P	Wood	White	0.0	QM
219	D	Closet	Rgt	Door	P	Wood	White	-0.1	QM
222	D	Closet	Rgt	Door Casing	P	Wood	White	0.1	QM
221	D	Closet	Rgt	Door Jamb	P	Wood	White	0.3	QM
Interior Room 014 Bedroom 3									
229	-	Ceiling	Rgt		P	Plaster	White	0.0	QM
242	A	Ext. Window	Lft	Sash	P	Wood	stain	0.4	QM
241	A	Ext. Window	Rgt	Sash	P	Wood	stain	0.3	QM
243	A	Window	Lft	Well	P	Wood	stain	0.4	QM
236	A	Window	Rgt	Casing	P	Wood	White	0.1	QM
239	A	Window	Rgt	Stop	P	Wood	White	0.2	QM
240	A	Window	Rgt	Well	P	Wood	stain	0.3	QM
238	A	Window	Rgt	Apron	P	Wood	White	0.2	QM
237	A	Window	Rgt	Sill	P	Wood	White	0.1	QM
234	D	Cabinet	Lft		P	Wood	White	-0.1	QM
235	D	Cabinet	Lft	Door	P	Wood	White	-0.1	QM
230	D	Door	Lft	Casing	P	Wood	White	0.3	QM
231	D	Door	Lft	Stop	P	Wood	White	0.0	QM
232	D	Door	Lft	Jamb	P	Wood	White	0.0	QM
233	D	Door	Lft		P	Wood	White	-0.2	QM
223	D	Closet	Rgt	Ceiling	P	Plaster	White	0.1	QM
225	D	Closet	Rgt	Win.Casing	P	Wood	White	0.0	QM
226	D	Closet	Rgt	Win. Stop	P	Wood	White	0.0	QM
227	D	Closet	Rgt	Door	P	Wood	White	-0.1	QM
228	D	Closet	Rgt	Door Jamb	P	Wood	White	0.0	QM
224	D	Closet	Rgt	Wall	P	Plaster	Paper	0.0	QM
Interior Room 015 Bedroom 4									
251	B	Ext. Window	Rgt		P	Wood	White	0.0	QM
250	B	Window	Rgt	Jamb	P	Wood	White	-0.1	QM
244	C	Window	Lft	Casing	P	Wood	White	0.1	QM
248	C	Window	Lft	Stop	P	Wood	White	0.0	QM
249	C	Window	Lft	Jamb	P	Wood	White	0.1	QM
245	C	Window	Lft	Sash	P	Wood	White	0.1	QM
247	C	Window	Lft	Apron	P	Wood	White	-0.1	QM
246	C	Window	Lft	Sill	P	Wood	White	0.1	QM
258	D	Baseboard	Ctr		P	Wood	White	0.0	QM
259	D	Door	Rgt	Casing	P	Wood	White	-0.1	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
260	D	Door	Rgt	Casing	P	Wood	White	-0.1	QM
261	D	Door	Rgt	Jamb	P	Wood	White	-0.1	QM
262	D	Door	Rgt	Stop	P	Wood	White	-0.2	QM
255	D	Closet	Ctr	Door Stop	P	Wood	White	0.0	QM
252	D	Closet	Ctr	Door	P	Wood	White	-0.1	QM
253	D	Closet	Ctr	Door Casing	P	Wood	White	0.0	QM
254	D	Closet	Ctr	Door Jamb	P	Wood	White	0.1	QM
256	D	Closet	Ctr	Shelf Sup.	P	Wood	White	-0.2	QM
257	D	Closet	Ctr	Shelf	P	Wood	White	0.0	QM
Interior Room 016 Bathroom 2									
271	A	Door	Rgt	Casing	P	Wood	White	-0.1	QM
272	A	Door	Rgt	Jamb	P	Wood	White	-0.1	QM
273	A	Door	Rgt	Stop	P	Wood	stain	0.3	QM
274	A	Door	Rgt	N\A	P	Wood	stain	0.2	QM
275	B	Radiator	Rgt		P	Metal	Pink	0.0	QM
270	B	Wall	Lft	Trim	P	Wood	stain	-0.1	QM
269	C	Ext. Window	Lft	Sash	P	Wood	stain	-0.1	QM
263	C	Window	Lft	Casing	P	Wood	White	0.0	QM
266	C	Window	Lft	Stop	P	Wood	White	0.0	QM
265	C	Window	Lft	Sash	P	Wood	White	0.1	QM
268	C	Window	Lft	Well	P	Wood	stain	-0.1	QM
267	C	Window	Lft	Apron	P	Wood	White	-0.1	QM
264	C	Window	Lft	Sill	P	Wood	White	-0.1	QM
Calibration Readings									
001								0.9	TC
002								0.9	TC
003								0.9	TC
283								1.2	TC
322								1.1	TC
323								1.2	TC
324								1.2	TC

---- End of Readings ----

APPENDIX 5

LEAD DUST AND SOIL SAMPLE LABORATORY REPORTS

OrderID: 031421033

031421033

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

www.emsl.com

Your Name: Brandy LeBlanc **Project Manager:** AH

Company: Eagle Environmental, Inc.

Street: 531 North Main Street

City/State/Zip: Bristol, CT 06010

Phone: 860-589-8257 ext. 203 **Fax:** 860-585-7034 **Email:** rsloch@eagleenviro.com,bleblanc@eagleenviro.com nporter@eagleenviro.com

Project Name Environmental Review **Project #:** 14-028.12T16

Project Location: 85 Ridgebrook Drive, 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 6.009 (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)	H-Soil-01	H-Soil-02		TOTAL SAMPLE #	2
Relinquished:	[signature]	Date:	6-2-14	Time:	AM
Received:	[signature]	Date:	6/2/14	Time:	1:50 PM
Relinquished:	[signature]	Date:	6/2/14	Time:	PM
Received:	[signature]	Date:	6/03/14	Time:	1050am

Page 1

OrderID: 031421033

031421033

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

EMSL – CT
4 Fairfield Blvd.
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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SAMPLE NUMBER	LOCATION	SAMPLE DESCRIPTION	VOLUME Air (L)	Area (Inches sq.)
HH-Soil-01	C Side Mid Yard	Bare Soil		
HH-Soil-02	D Side Front	Bare Soil		

Samples 6/03 @1030

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:	031421033
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

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

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	06/03/14 10:30 AM
Collected:	6/2/2014

Project: **14-028.12T16/ ENVIRONMENTAL REVIEW/ 85 RIDGEBROOK DRIVE, BRIDGEPORT/ CT**

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
HH-SOIL-01	*0001*	6/2/2014	6/4/2014	<40 mg/Kg
	Site: MIDYARD C SIDE/ BARESOIL			
HH-SOIL-02	*0002*	6/2/2014	6/4/2014	120 mg/Kg
	Site: DRIPLINE D SIDE/ BARESOIL			

M. Apfeldorfer

Miron Apfeldorfer, Laboratory Manager
or other approved signatory

*Analysis following Lead in Soil/Solids by EMSL SOP/Determination of Environmental Lead by FLAA. Reporting limit is 40 mg/kg based on the minimum sample weight per our SOP. 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. Samples received in good condition unless otherwise noted. Results reported based on dry weight. "<" (less than) result signifies that the analyte was not detected at or above the reporting limit. Measurement of uncertainty is available upon request. The QC data associated with the sample results included in this report meet the recovery and precision requirements established by the AIHA-LAP, unless specifically indicated otherwise

Samples analyzed by EMSL Analytical, Inc. New York, NY AIHA-LAP, LLC--ELLAP Accredited #102581, NYS ELAP 11506

Initial report from 06/04/2014 14:01:12

OrderID: 031421028

031421028

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

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Your Name: Brandy LeBlanc **Project Manager:**

Company: Eagle Environmental, Inc.

Street: 531 North Main Street

City/State/Zip: Bristol, CT 06010

Phone: 860-589-6257 ext. 203 **Fax:** 860-585-7034 **Email:** rsioch@eagleenviro.com,blebblanc@eagleenviro.com nporter@eagleenviro.com

Project Name Environmental Review **Project #:** 14-028.12T16

Project Location: 85 Ridgebrook Drive, 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)	5/29 HH 01	5/29 HH 11	TOTAL SAMPLE #	11
Relinquished:	[illegible]	Date: 6/2/14	Time: 8:30 AM	
Received:	[illegible]	Date: 6-2-14	Time: 9 AM	
Relinquished:	[illegible]	Date: 6-2-14	Time: 5 PM	
Received:	[illegible]	Date: 6/03/14	Time: 11:50 AM	

Page 1

OrderID: 031421028

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

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4 Fairfield Blvd.
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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SAMPLE NUMBER	LOCATION	SAMPLE DESCRIPTION	VOLUME Air (L)	Area (Inches sq.)
5129HH01	–	Feld Blank		–
02	–	Field Blank		–
03	Foyer	Floor @ Entry		144
04	Living Rm	Floor		144
05	↓	Window Sill		3½"x38"
06	Sun Room	Floor @ Entry		144
07	↓	Window Sill		3¼"x25½"
08	Bed 1	Floor		144
09	↓	Window Sill		3"x30"
10	Bed 3	Floor		144
11	↓	Window Sill		3"x38"
		031421028		

Rec. [illegible]
6/03/14 @
1080A

Page 4

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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:	031421028
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

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

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	06/03/14 12:10 PM
Collected:	6/2/2014

Project: **14-028.12T16/ ENVIRONMENTAL REVIEW/ 85 RIDGEBROOK DRIVE BRIDGEPORT**

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Area Sampled*	*Lead Concentration*
5/29 HH 01	*0001*	6/2/2014	6/3/2014	n/a	<10 µg/wipe
Site: FIELD BLANK Desc: FIELD BLANK					
5/29 HH 02	*0002*	6/2/2014	6/3/2014	n/a	<10 µg/wipe
Site: FIELD BLANK Desc: FIELD BLANK					
5/29 HH 03	*0003*	6/2/2014	6/3/2014	144 in^2	<10 $\mu g/ft^2$
Site: FOYER Desc: FLOOR AT ENTRY					
5/29 HH 04	*0004*	6/2/2014	6/3/2014	144 in^2	13 $\mu g/ft^2$
Site: LIVING RM Desc: FLOOR					
5/29 HH 05	*0005*	6/2/2014	6/3/2014	133 in^2	15 $\mu g/ft^2$
Site: LIVING RM Desc: WINDOW SILL					
5/29 HH 06	*0006*	6/2/2014	6/3/2014	144 in^2	74 $\mu g/ft^2$
Site: SUN ROOM Desc: FLOOR AT ENTRY					
5/29 HH 07	*0007*	6/2/2014	6/3/2014	82.875 in^2	62 $\mu g/ft^2$
Site: SUN ROOM Desc: WINDOW SILL					
5/29 HH 08	*0008*	6/2/2014	6/3/2014	144 in^2	18 $\mu g/ft^2$
Site: BED 1 Desc: FLOOR					
5/29 HH 09	*0009*	6/2/2014	6/3/2014	90 in^2	19 $\mu g/ft^2$
Site: BED 1 Desc: WINDOW SILL					
5/29 HH 10	*0010*	6/2/2014	6/3/2014	144 in^2	<10 $\mu g/ft^2$
Site: BED 3 Desc: FLOOR					
5/29 HH 11	*0011*	6/2/2014	6/3/2014	114 in^2	23 $\mu g/ft^2$
Site: BED 3 Desc: WINDOW SILL					

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 #102561, NYS ELAP 11506

Initial report from 06/03/2014 16:00:39

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:	031421028
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

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

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	06/03/14 12:10 PM
Collected:	6/2/2014

Project: **14-028.12T16/ ENVIRONMENTAL REVIEW/ 85 RIDGEBROOK DRIVE BRIDGEPORT**

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Area Sampled*	*Lead Concentration*

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 06/03/2014 16:00:39

APPENDIX 6

RADON TESTING REPORTS

Radon Testing Corp. of America
2 Hayes Street
Elmsford, NY 10523
Phone: (914) 345-3380

Radon Testing Summary Sheet

Please fill out all pertinent information legibly

Mailing Address:

Contact: Peter J. Folino

Company/Agency/Board of Ed: Eagle Environmental
Address: 8 South Main Street Suite 3

City: Terryville State: CT Zip: 06786

Project Code (if any) 14-028.12T16
Fax or email: 860 585-7034
Phone 860 589-8257

Building/School Information

School District:

School Code Number:

County:

Municipality:

Building/School Name:

Test Location Street Address: 85 Ridgebrook Drive, Bridgeport, CT

Placed By ID# AC Retrieved by ID# AC

Start Date: 5-29-14 Stop Date: 6-2-14

Weather During Test Sunny - averaging 75-80 degrees Farenheit

Total # of detectors for this building 1

Instructions: *Tear of the center bar code label from canister and affix to sheet in space provided. Please make sure top bar code label is left on detector. Identify test location for each detector in*
Space provided for that detector (room #, location in room etc.) Use additional sheets as necessary. Please mark clearly if any detector is missing or damaged at retrieval.

5/29/14 6/2/14

Start Time: 1045 AM Stop Time: 9:30 AM Duplicate? _____

Room# or other identifier _____

Blank? _____ Floor: Basement

REMOVE THIS PORTION AND AFFIX TO TEST INFORMATION FORM
2310028

Start Time: _____ Stop Time: _____ Duplicate? _____

Room# or other identifier _____

Blank? _____ Floor: _____

Start Time: _____ Stop Time: _____ Duplicate? _____

Room# or other identifier _____

Blank? _____ Floor: _____

Start Time: _____ Stop Time: _____ Duplicate? _____

Room# or other identifier _____

Blank? _____ Floor: _____

Start Time: _____ Stop Time: _____ Duplicate? _____

Room# or other identifier _____

Blank? _____ Floor: _____

Start Time: _____ Stop Time: _____ Duplicate? _____

Room# or other identifier _____

Blank? _____ Floor: _____

RTCA RADON TESTING CORPORATION OF AMERICA

PC1406040071

Site Radon Inspection Report

Date : 06/04/2014

Mr. Peter Folino
EAGLE ENVIRONMENTAL
8 South Main Street
Suite #3
Terryville, CT 06786-

Client: Unknown
Test Location: 85 Ridgebrook Drive
Bridgeport, CT 06460-
Individual Canister Results

Canister ID# :	2310028	Test Start :	05/29/2014 @ 10:45
Canister Type :	Charcoal Canister 3 inch	Test Stop :	06/02/2014 @ 09:30
Location :	Basement	Received:	06/04/2014 @ 15:06
Radon Level :	1.9 pCi/L	Analyzed:	06/04/2014 @ 15:32

Error for Measurement is: ± 0.2 pCi/L

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

General radon information may be obtained by consulting the EPA booklet: A Citizen's Guide to Radon (www.epa.gov/radon/pubs/citguide.html). To request a copy or for further information, please contact your state health department. The EPA maintains a radon information website, including copies of its publications, at www.epa.gov/iaq/radon.

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

For New York clients: If the radon level of one or more testing devices is equal to or exceeds 20 pCi/L please contact the New York State Department of Health, Bureau of Environmental Radiation Protection, for technical advice and assistance at 518-402-7556 or toll free1-800-458-1158.

PLEDGE OF ASSURED QUALITY

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

National Radon Safety Board NRSB Certified Radon Professionals

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan
Laboratory Director

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

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

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

APPENDIX 7

MOLD INSPECTION FORMS

EAGLE Environmental, Inc.

MOLD OBSERVATION FORM

Eagle Project No: 14-028.1216 Date: 5/29/14 Inspector: Hannah Hintz

Facility Address: 85 Ridgebrook Drive, Bridgeport

Location	Observation	Sample Number
Living Room	Mold spore growth was not visible at the time of the inspection. However, significant water damage causing discoloration was observed at the gypsum ceiling and walls.	
Kitchen	Mold spore growth was not visible at the time of the inspection however, discoloration due to water intrusion was observed at the ceiling.	

APPENDIX 8

ABATEMENT AND CONSULTING COST ESTIMATE

HAZARDOUS MATERIALS ABATEMENT COST ESTIMATES
APPLICATION NO.2073
85 RIDGEBROOK DRIVE
BRIDGEPORT, CONNECTICUT

ASBESTOS ABATEMENT COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
TEXTURED CEILING PAINT REMOVAL	1	$ 1,500.00 EACH	$ 1,500.00
ROOF MEMBRANE PATCH REMOVAL	1	$ 350.00 EACH	$ 350.00
SUBTOTAL			$ 1,850.00
ASBESTOS ABATEMENT CONTINGENCY			$ 185.00
ASBESTOS TOTAL			**$ 2,035.00**

LEAD BASED PAINT COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
LEAD-BASED PAINT CONTINGENCY	1	$ 1,900.00 EACH	$ 1,900.00
SUBTOTAL			$ 1,900.00
LEAD RENOVATION CONTINGENCY			$ 380.00
LEAD RENOVATION TOTAL			**$ 2,280.00**

MICROBIAL CONTAMINATION REMEDIATION COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
MICROBIAL REMEDIATION CONTINGENCY	1	$ 800.00 EACH	$ 800.00
SUBTOTAL			$ 800.00
MICROBIAL REMEDITION CONTINGENCY			$ 80.00
MICROBIAL REMEDIATION TOTAL			**$ 880.00**

HAZARDOUS MATERIALS ABATEMENT SUBTOTAL **$ 5,195.00**

HAZARDOUS MATERIALS CONSULTING COST ESTIMATE

CONSULTING COST	QUANTITY	UNIT COST	TOTAL COST
HAZARDOUS MATERIALS CONSULTING CONTIN.	1	$1,200.00 EACH	$ 1,200.00
SUBTOTAL			$ 1,200.00
CONSULTING CONTINGENCY			$ 120.00
CONSULTING TOTAL			**$ 1,320.00**

GRAND TOTAL **$ 6,515.00**

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.
001726
CURRENT THROUGH
04/30/15
VALIDATION NO.
03-794089

SIGNATURE

COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

This certifies that

Hannah Hintz
45 Frederick Street, Bristol, CT 06010
000-00-0583

has successfully completed the

INSPECTOR RISK ASSESSOR REFRESHER

Training Course
conducted by
Cardno ATC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070

Principal Instructor

October 2, 2013
Date of Course

October 2, 2013
Exam Date

CTLIRAR-354
Certificate Number

October 2, 2014
Expiration Date

Gregory J. Morsch
Training Manager

Training received complies with the requirements of the Connecticut Department of Public Health pursuant to Section 2 477 of the Connecticut General Statutes.

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

HANNAH E HINTZ

CERTIFICATION NO.
002244
CURRENT THROUGH
08/30/14
VALIDATION NO.
03-623637

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. Eldent, 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.
09-702940

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 Fiasca, 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	Environmental Health & Housing
Examination For:	Examination For:
Bulk – Identification (PLM, TEM)	Lead in Paint
Air – Fiber Counting (PCM, TEM)	Lead Paint in Soil
Water – TEM	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