EAGLE Environmental, Inc.

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

July 24, 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
2 Apple Tree Lane
West Mystic, Connecticut 06512
Application #2011
Eagle Project No. 14-028.12T17

Dear Mr. Holmes:

Please find the attached Environmental Assessment Report conducted at 2 Apple Tree Lane located in West Mystic, Connecticut (Site). The environmental assessment was performed in support of the planned renovations/repairs to the Site building under the State of Connecticut Department of Housing Community Development Block Grant – Disaster Recovery Program (Program). The assessment focused only on those areas of the building that are scheduled for renovation/repair work with the exception of the lead-based paint hazard screen, which included the interior and exterior of the entire building. The proposed scope of renovation/repair work was provided to Eagle Environmental, Inc. (Eagle) by Capital Studio Architects (CSA).

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

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

Sincerely,
Eagle Environmental, Inc.

Report Prepared By:
Kristen Liljehult
Environmental Consultant II

Report Reviewed By:
Peter J. Folino
Project Manager

\\Eaglesvr\public\2014 Files\2014 Reports\Capital Studio Architects\Hurricane Sandy\2 Appletree Lane - West Mystic\2 Apple Tree Ln - HAZ Inspection Report.doc

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1. INTRODUCTION

On July 10, 2014, Eagle Environmental, Inc. conducted an environmental assessment of portions of the site building located at 2 Apple Tree Lane in West Mystic, Connecticut. The scope of the environmental assessment included an inspection for asbestos-containing materials, a lead-based paint screen and a visual inspection for microbial contamination.

1.1 Inspection Area Description

The inspection area included those areas of the building that will be impacted by planned renovation work. The areas of inspection are determined by reviewing the planned renovation work provided in CSA's Project Scope dated May 19, 2014. For the purpose of this project the following areas were inspected:

- Basement
- Façade A

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

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

2. SCOPE OF INSPECTION

2.1 Asbestos Containing Materials

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

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

2.2 Lead-based Paint

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

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

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

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

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

   c. Interim control measures may be utilized throughout the building

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

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

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

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

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

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

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

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

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

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

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

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

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

   e. Perform clearance testing following abatement work.

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

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

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

2.3 Radon Testing

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

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

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

2.4 Mold Inspection

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

3. INSPECTION PROTOCOLS

3.1 Asbestos Containing Materials

3.1.1 Inspection

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

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

During the inspection, suspect materials are located, sampled, quantified and the friability of the material is determined. Friable materials are those materials that hand pressure can crumble, pulverize or reduce to powder when dry.

An estimated quantity of identified ACM is provided for positive materials only. The materials are quantified in linear or square feet, depending on the nature of the material.

3.1.2 Bulk Sampling

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

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

3.1.3 Bulk Sample Analysis

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

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

3.1.3.1 Friable ACM Analysis

Certain samples of friable materials shown to contain less than 10% asbestos are analyzed further by the "Point Count Method". This procedure is recommended by the United States Environmental Protection Agency to confirm friable bulk samples shown to have less than 10% asbestos by PLM to be definitively negative or positive for asbestos. This method is accepted as providing statistically reliable results when analyzing bulk samples with very low asbestos concentrations. Friable materials containing "Trace" or "less than one percent (1%)" asbestos must be analyzed by the PLM Point Count Method. No samples were further analyzed by the PLM Point Count Method for the 2 Apple Tree Lane in West Mystic, 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 2 Apple Tree Lane in West Mystic, Connecticut.

3.2 Lead-based Paint

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

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

The data is presented on computer generated Lead Inspection Reports contained in Appendix 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 ≥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

The site building is planned to be raised to proper flood elevation and the lowest level of the building will not be in contact with the ground. Radon testing was not performed for this site building.

3.4 Mold Inspection

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

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

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

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

4. INSPECTION RESULTS

4.1 Asbestos Containing Materials

During the course of the building inspection twenty-eight (28) bulk samples of suspect ACM were collected and twenty-six (26) samples were analyzed by PLM based on the "stop on first positive" request to the laboratory.

The following materials were confirmed to be ACM:

- Breeching insulation in Room 001 (Laundry Room)

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.

A licensed Asbestos Abatement Contractor shall remove the breeching insulation prior to the basement being filled in. The Asbestos Abatement Contractor will comply with the US Department of Labor's Occupational Safety and Health Administration (OSHA), the USEPA National Emission Standard for Hazardous Air Pollutants, the CT DEEP regulated waste disposal regulations and the State of Connecticut Standard for Asbestos Abatement.

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

All regulated friable and regulated non-friable ACM must be removed prior to renovation/repair activities. A State of Connecticut Licensed Asbestos Abatement Contractor must be retained to perform the removal work. Visual inspections and air clearances must be performed within each abatement area at the completion of the abatement work. The visual inspections and air clearances must be performed by a State of Connecticut licensed Asbestos Project Monitor. The abatement areas must meet final visual and air clearance inspection criteria prior to building renovation / demolition. Re-occupancy air monitoring is required if the building will be re-entered by any person following abatement and prior to demolition. This includes but is not limited to entry for utility disconnects, salvage, equipment removal, etc.

The Asbestos Abatement Contractor must submit a notice of asbestos abatement to the State of Connecticut Department of Public Health post marked or hand delivered ten (10) days prior to the commencement of any asbestos abatement activities involving the

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

4.2 Lead-based Paint

A copy of this lead-hazard screen report must be provided to residence within fifteen (15) days of the evaluation. A total of thirty-seven (37) XRF readings were collected during the lead-hazard screen of the building. From the thirty-seven (37) readings, none of them were found to contain toxic levels of lead-based paint.

If the exterior enclosures are impacted during the renovations, the substrate underneath must be assumed to contain toxic levels of lead-based paint and lead safe work practices must be used.

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

No further action is required regarding lead-based paint. Contractors contemplating work on this project must still comply with the U.S. Department of Labor Occupation Safety and Health Administration (OSHA) 29 CFR 1926.62 Lead Exposure in Construction; Interim Final Rule.

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 ten (10) dust wipes were collected at the time of inspection. No dust-lead hazards were identified at the sampled locations. Eagle Environmental, Inc. recommends that the residents continue to follow their regular cleaning regimen.

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

4.2.2 Soil Hazards

Five (5) soil samples were collected from bare areas of soil and gardens from around the site-building. No soil-lead hazards were identified at the sampled locations. The homeowner should maintain the grounds in their current condition.

4.3 Radon

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

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

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

4.4 The physical inspection identified visible black mold spore growth on the on the wall studs and insulation in the basement area (Rooms 001-002). The gypsum board ceiling has minor water stains which are likely caused from the basement flooding. There is a strong, pungent odor within the basement area as well.

The porous building materials such as wood and gypsum board will require removal prior to the basement being in-filled. There are no restrictions on the disposal of the porous materials. The basement should be isolated from the main portion of the house during the 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
2 APPLETREE LANE
WEST MYSTIC, CONNECTICUT

LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS				ESTIMATED QUANTITY	F/NF
				PLM	PLM PC	TEM NOB	ACM		
001	Boiler breeching insulation	7-10-AC-19	TSI	60% Chrys			YES	8 LF on 6" diameter breeching pipe	F
		7-10-AC-20		DNA					
		7-10-AC-21		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
2 APPLETREE LANE
WEST MYSTIC, CONNECTICUT

SAMPLE LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
002	Swirl pattern textured ceiling paint	7-10-AC-01	SURF	NAD			NO
		7-10-AC-02		NAD			
		7-10-AC-03		NAD			
002	Batting insulation paper	7-10-AC-04	MISC	NAD			NO
		7-10-AC-05		NAD			
002	Gypsum board at ceiling	7-10-AC-06	MISC	NAD			NO
		7-10-AC-07		NAD			
002	Sheetrock	7-10-AC-08	MISC	NAD			NO
		7-10-AC-09		NAD			
002	Joint compound	7-10-AC-10	MISC	NAD			NO
		7-10-AC-11		NAD			
002	Sheetrock/joint compound composite	7-10-AC-12	MISC	NAD			NO
		7-10-AC-13		NAD			
002	Textured wall paint on concrete	7-10-AC-14	SURF	NAD			NO
		7-10-AC-15		NAD			
		7-10-AC-16		NAD			
002	White vinyl sheet flooring	7-10-AC-17	MISC	NAD			NO
		7-10-AC-18		NAD			
001	Block mortar	7-10-AC-22	MISC	NAD			NO
		7-10-AC-23		NAD			
001	White cement patch at oil tank penetration	7-10-AC-24	MISC	NAD			NO
		7-10-AC-25		NAD			
Facade A	Exterior textured paint	7-10-AC-26	MISC	NAD			NO
		7-10-AC-27		NAD			
		7-10-AC-28		NAD			

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

BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION

APPENDIX 1

FLOOR PLANS

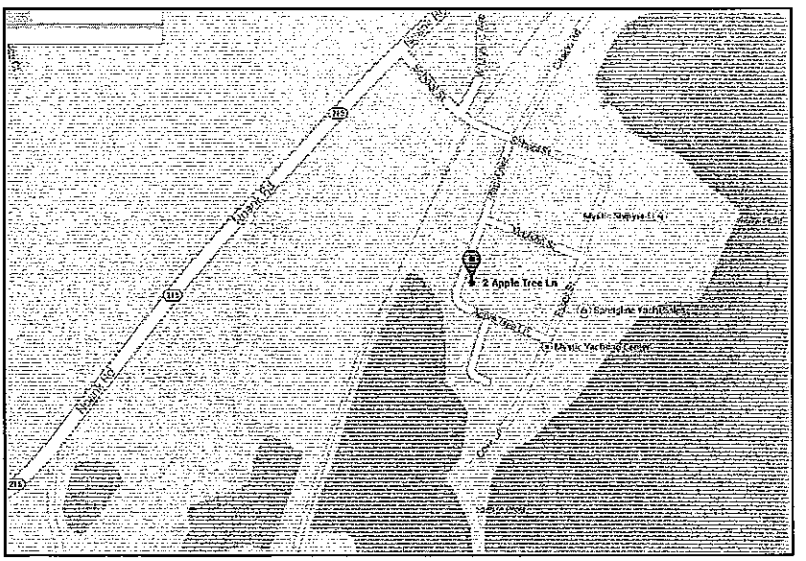
CAPITAL STUDIOS ARCHITECTS

2 APPLE TREE LANE
MYSTIC, CONNECTICUT

EAGLE PROJECT NUMBER: 14-028.12T17

INDEX OF DRAWINGS

LOCATION MAP



JULY 25, 2014

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

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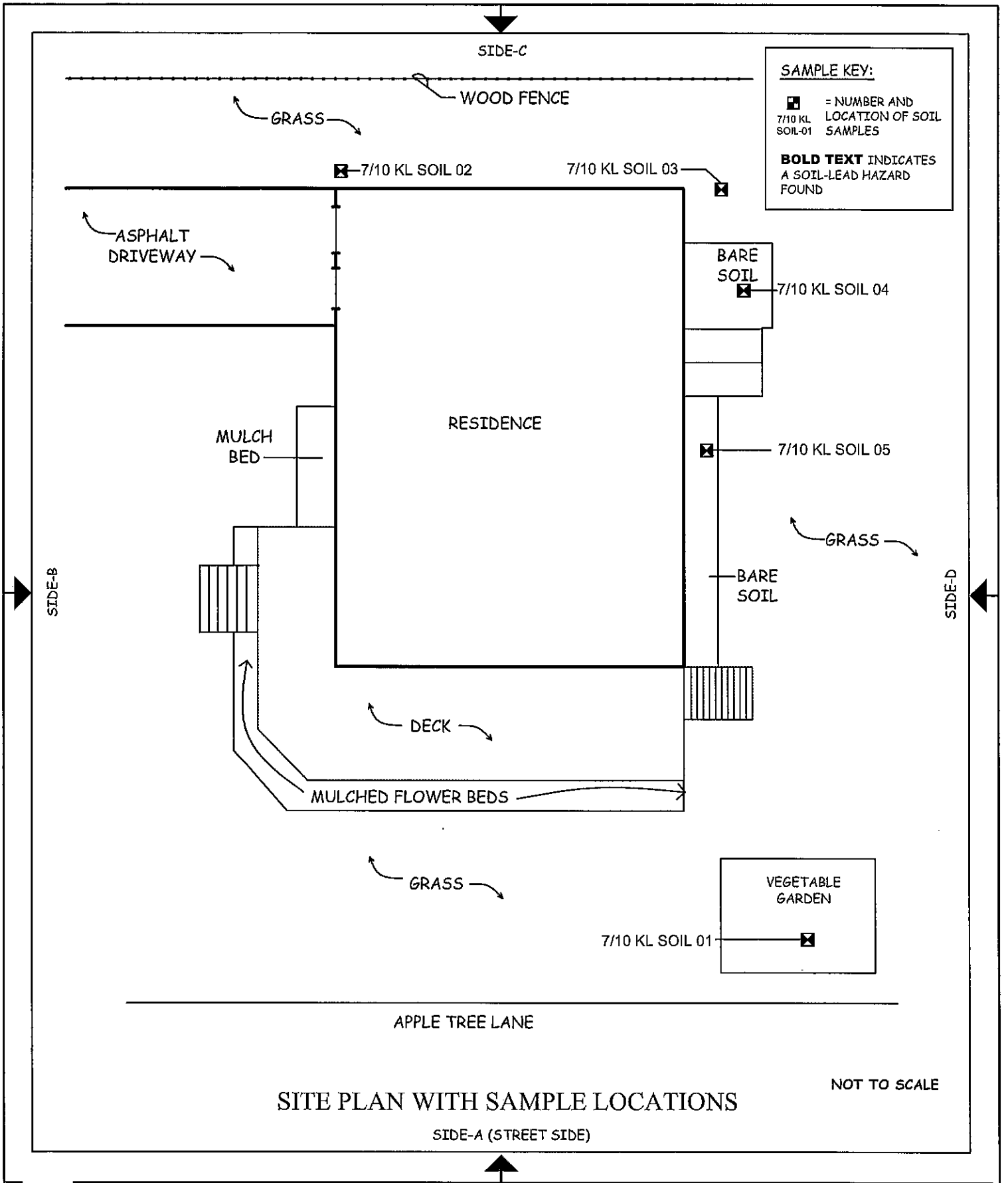

NOT TO SCALE

SITE PLAN WITH SAMPLE LOCATIONS

SIDE-A (STREET SIDE)

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

DATE: 07/25/2014
PROJECT NO.: 14-028.12T17
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
2 APPLE TREE LANE
MYSTIC, CONNECTICUT

SHEET NO.
SP-1
SHEET 1 OF 4

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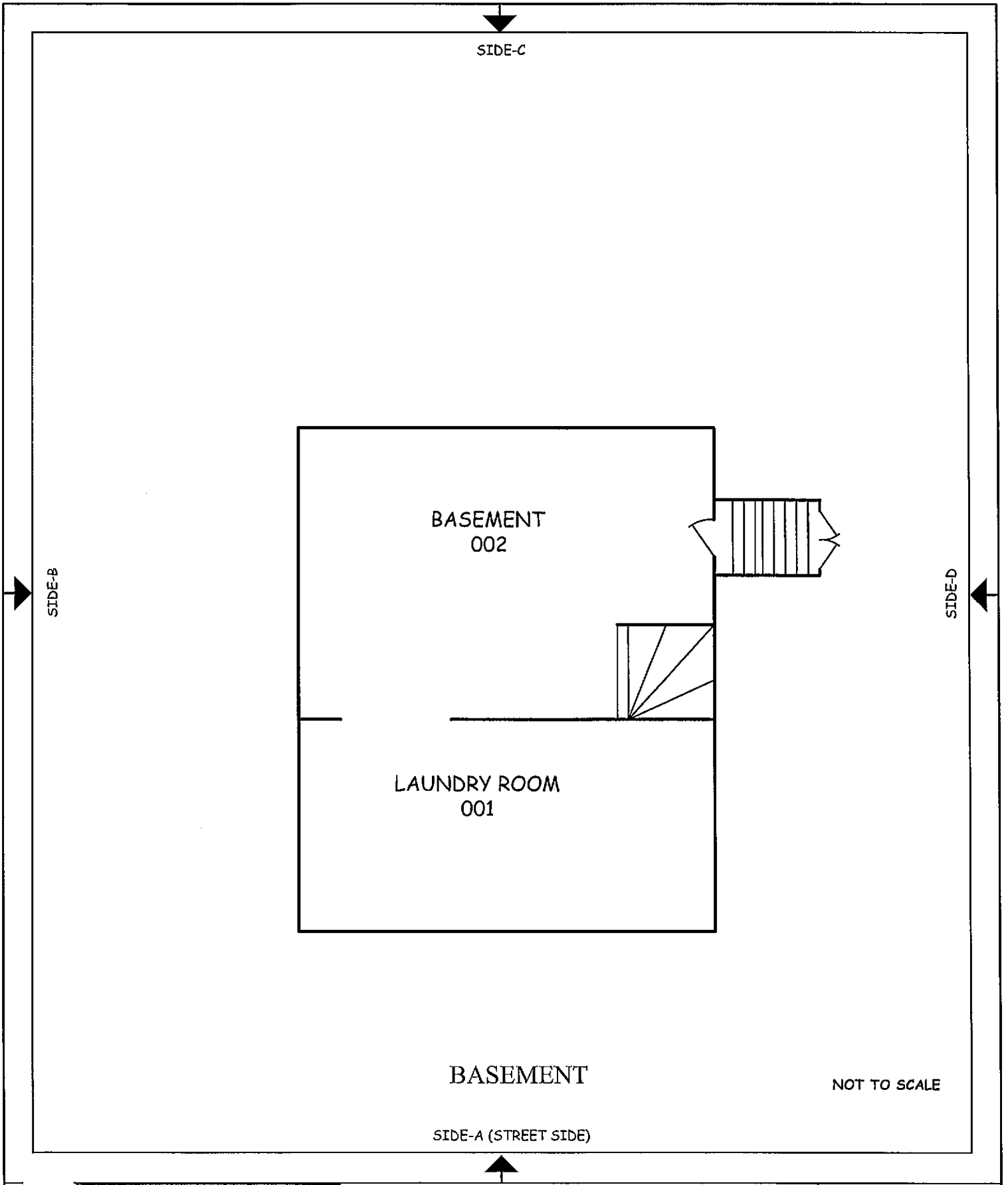

EAGLE Environmental, Inc.
8 SOUTH MAIN STREET, SUITE 3
TERRYVILLE, CONNECTICUT 06786
860-589-8257

DATE: 07/25/2014
PROJECT NO.: 14-028.12T17
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
2 APPLE TREE LANE
MYSTIC, CONNECTICUT

SHEET NO.
FP-1
SHEET 2 OF 4

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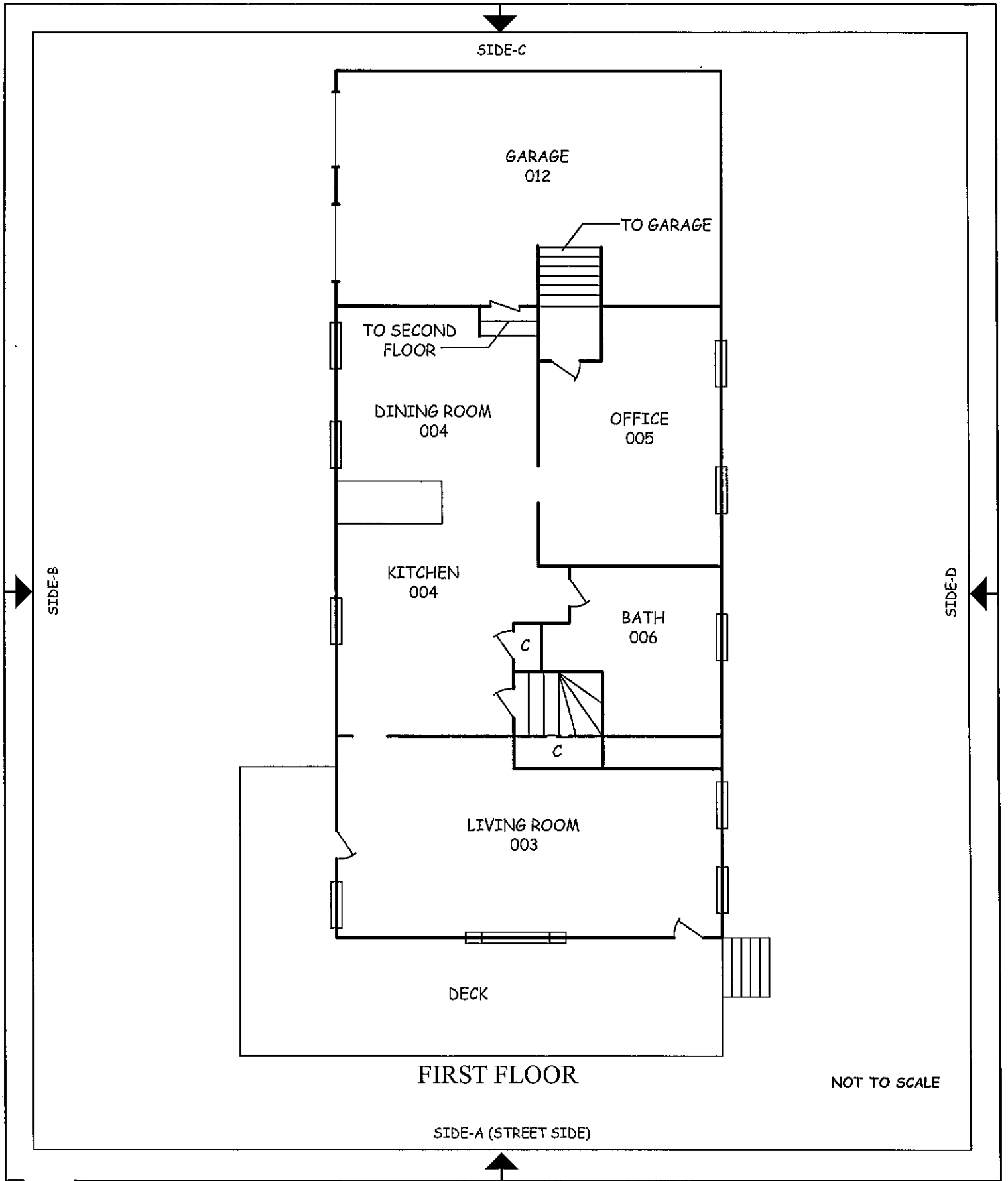

FIRST FLOOR

NOT TO SCALE

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

DATE: 07/25/2014
PROJECT NO.: 14-028.12T17
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
2 APPLE TREE LANE
MYSTIC, CONNECTICUT

SHEET NO.
FP-2
SHEET 3 OF 4

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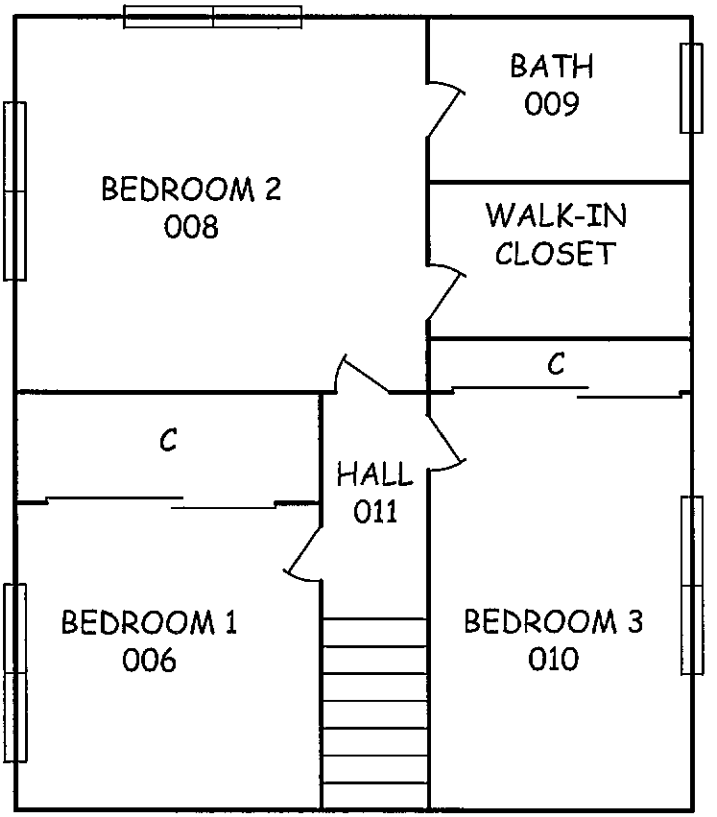
SIDE-C



SIDE-B

SIDE-D

SECOND FLOOR

NOT TO SCALE

SIDE-A (STREET SIDE)

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

DATE: 07/25/2014
PROJECT NO.: 14-028.12T17
DRAWN BY: VB
REVIEWED BY: AH

ENVIRONMENTAL REVIEW
2 APPLE TREE LANE
MYSTIC, CONNECTICUT

SHEET NO.
FP-3
SHEET 4 OF 4

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APPENDIX 2

ASBESTOS BULK SAMPLE LABORATORY REPORTS

OrderID: 031426848

(*)REVISED(*) 031426848

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

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Your Name:	Brandy LeBlanc	**Project Manager:**	PF
Company:	Eagle Environmental, Inc.		
Street:	8 South Main Street, Suite 3		
City/State/Zip:	Terryville, CT 06786		
Phone:	860-589-8257 ext. 203 **Fax:** 860-585-7034	**Email:**	blebianc@eagleenviro.com; nporter@eagleenviro.com; dwynne@eagleenviro.com; rsloch@eagleenviro.com
Project Name	CSA Super Storm Sandy	**Project #:**	14-028.12T17
Project Location:	2 Appletree Lane, Mystic	**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 Characterization
- ☐ Failure Analysis
- ☐ Corrosion Analysis
- ☐ Glove Box Containment Study
- ☐ Petrographic Examination of Concrete
- ☐ Portland Cement in Workplace Atmospheres (OSHA ID-143)
- ☐ Man Made Vitreous 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 26/28

Client Sample # (S)	7-10-AC-01 ... 7-10-AC-28			**TOTAL SAMPLE #**	28
Relinquished:	ANDREW CARNEVALE	**Date:**	7-10-2014	**Time:**	PM
Received:	NANCY PORTER	**Date:**	7-10-2014	**Time:**	PM
Relinquished:	NANCY PORTER	**Date:**	7-10-2014	**Time:**	PM
Received:		**Date:**	7/11/14	**Time:**	958am

Page 1

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SAMPLE NUMBER	SAMPLE DESCRIPTION	ROOM or LOCATION	VOLUME Air (L)	Area (Inches sq.)
7-10-AC-01	Swirl pattern textured ceiling paint	002		NAD
7-10-AC-02	Swirl pattern textured ceiling paint	002		
7-10-AC-03	Swirl pattern textured ceiling paint	002		
7-10-AC-04	Batting insulation paper	002		
7-10-AC-05	Batting insulation paper	002		
7-10-AC-06	Gypsum board at ceiling	002		
7-10-AC-07	Gypsum board at ceiling	002		
7-10-AC-08	Sheetrock	002		
7-10-AC-09	Sheetrock	002		
7-10-AC-10	Joint compound	002		
7-10-AC-11	Joint compound	002		
7-10-AC-12	Sheetrock/joint compound composite	002		
7-10-AC-13	Sheetrock/joint compound composite	002		
7-10-AC-14	Textured wall paint on concrete	002		
7-10-AC-15	Textured wall paint on concrete	002		
7-10-AC-16	Textured wall paint on concrete	002		
7-10-AC-17	White vinyl sheet flooring	002		
7-10-AC-18	White vinyl sheet flooring	002		
7-10-AC-19	Breeching insulation	001		60% Chrys
7-10-AC-20	Breeching insulation	001		DNA
7-10-AC-21	Breeching insulation	001		DNA
7-10-AC-22	Block mortar	001		NAD
7-10-AC-23	Block mortar	001		
7-10-AC-24	White cement patch at oil tank penetration	001		
7-10-AC-25	White cement patch at oil tank penetration	001		

OrderID: 031426848

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SAMPLE NUMBER	SAMPLE DESCRIPTION	ROOM or LOCATION	VOLUME Air (L)	Area (Inches sq.)
7-10-AC-26	Exterior textured paint	Fac A		NAD
7-10-AC-27	Exterior textured paint	Fac A		
7-10-AC-28	Exterior textured paint	Fac A		

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EMSL Order:	031426848
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:	07/11/14 9:58 AM
Analysis Date:	7/12/2014
Collected:	7/10/2014

Project: **14-028.12T17/ CSA SUPER STORM SANDY/ 2 APPLETREE LANE, MYSTIC**

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**
7-10-AC-01 *031426848-0001*	002 - SWIRL PATTERN TEXTURED CEILING PAINT	Tan/White Non-Fibrous Homogeneous		4% Mica 60% Ca Carbonate 36% Non-fibrous (other)	**None Detected**
7-10-AC-02 *031426848-0002*	002 - SWIRL PATTERN TEXTURED CEILING PAINT	White Non-Fibrous Homogeneous		5% Mica 60% Ca Carbonate 35% Non-fibrous (other)	**None Detected**
7-10-AC-03 *031426848-0003*	002 - SWIRL PATTERN TEXTURED CEILING PAINT	White Non-Fibrous Homogeneous		3% Mica 75% Ca Carbonate 22% Non-fibrous (other)	**None Detected**
7-10-AC-04 *031426848-0004*	002 - BATTING INSULATION PAPER	Brown Fibrous Homogeneous	80% Cellulose 4% Glass	16% Non-fibrous (other)	**None Detected**
7-10-AC-05 *031426848-0005*	002 - BATTING INSULATION PAPER	Brown/Black Fibrous Homogeneous	4% Glass 65% Cellulose	31% Non-fibrous (other)	**None Detected**
7-10-AC-06 *031426848-0006*	002 - GYPSUM BOARD AT CEILING	Gray Fibrous Homogeneous	<1% Cellulose	65% Quartz 35% Non-fibrous (other)	**None Detected**
7-10-AC-07 *031426848-0007*	002 - GYPSUM BOARD AT CEILING	Gray Non-Fibrous Homogeneous	2% Cellulose	55% Gypsum 43% Non-fibrous (other)	**None Detected**
7-10-AC-08 *031426848-0008*	002 - SHEETROCK	Gray Non-Fibrous Homogeneous	<1% Cellulose	65% Gypsum 35% Non-fibrous (other)	**None Detected**
7-10-AC-09 *031426848-0009*	002 - SHEETROCK	Brown/Gray Fibrous Homogeneous	3% Cellulose	68% Gypsum 29% Non-fibrous (other)	**None Detected**

Report Amended: 07/18/2014 23:06:44 Replaces the Inital Report 07/12/2014 03:48:57. Reason Code: Data Entry-Change to Project

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ProjectID:	

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Project: **14-028.12T17/ CSA SUPER STORM SANDY/ 2 APPLETREE LANE, MYSTIC**

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**
7-10-AC-10 *031426848-0010*	002 - JOINT COMPOUND	White Fibrous Homogeneous	<1%	Cellulose	65% Ca Carbonate 35% Non-fibrous (other)	**None Detected**
7-10-AC-11 *031426848-0011*	002 - JOINT COMPOUND	White Non-Fibrous Homogeneous			2% Mica 65% Ca Carbonate 33% Non-fibrous (other)	**None Detected**
7-10-AC-12 *031426848-0012*	002 - SHEETROCK/JOINT COMPOUND COMPOSITE	Brown/Gray/White Fibrous Homogeneous	<1%	Cellulose	60% Gypsum 12% Ca Carbonate 28% Non-fibrous (other)	**None Detected**
7-10-AC-13 *031426848-0013*	002 - SHEETROCK/JOINT COMPOUND COMPOSITE	Brown/Gray/White Fibrous Homogeneous	8%	Cellulose	45% Gypsum 20% Ca Carbonate 27% Non-fibrous (other)	**None Detected**
7-10-AC-14 *031426848-0014*	002 - TEXTURED WALL PAINT ON CONCRETE	Gray Non-Fibrous Homogeneous	3%	Cellulose	6% Quartz 55% Ca Carbonate 36% Non-fibrous (other)	**None Detected**
7-10-AC-15 *031426848-0015*	002 - TEXTURED WALL PAINT ON CONCRETE	Gray Non-Fibrous Homogeneous			4% Quartz 60% Ca Carbonate 36% Non-fibrous (other)	**None Detected**
7-10-AC-16 *031426848-0016*	002 - TEXTURED WALL PAINT ON CONCRETE	Gray Non-Fibrous Homogeneous			10% Quartz 45% Ca Carbonate 45% Non-fibrous (other)	**None Detected**
7-10-AC-17 *031426848-0017*	002 - WHITE VINYL SHEET FLOORING	Tan/Red Non-Fibrous Homogeneous			100% Non-fibrous (other)	**None Detected**

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Project: **14-028.12T17/ CSA SUPER STORM SANDY/ 2 APPLETREE LANE, MYSTIC**

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**
7-10-AC-18 *031426848-0018*	002 - WHITE VINYL SHEET FLOORING	Tan Non-Fibrous Homogeneous	2% Cellulose	15% Ca Carbonate 45% Matrix 38% Non-fibrous (other)	**None Detected**
7-10-AC-19 *031426848-0019*	001 - BREECHING INSULATION	Gray Fibrous Homogeneous	10% Cellulose	30% Non-fibrous (other)	**60% Chrysotile**
7-10-AC-20 *031426848-0020*	001 - BREECHING INSULATION				**Stop Positive (Not Analyzed)**
7-10-AC-21 *031426848-0021*	001 - BREECHING INSULATION				**Stop Positive (Not Analyzed)**
7-10-AC-22 *031426848-0022*	001 - BLOCK MORTAR	Gray Non-Fibrous Homogeneous		60% Quartz 18% Ca Carbonate 22% Non-fibrous (other)	**None Detected**
7-10-AC-23 *031426848-0023*	001 - BLOCK MORTAR	Gray Non-Fibrous Homogeneous		68% Quartz 32% Non-fibrous (other)	**None Detected**
7-10-AC-24 *031426848-0024*	001 - WHITE CEMENT PATCH AT OIL TANK PENTRATION	Gray Non-Fibrous Homogeneous		50% Quartz 15% Ca Carbonate 35% Non-fibrous (other)	**None Detected**
7-10-AC-25 *031426848-0025*	001 - WHITE CEMENT PATCH AT OIL TANK PENTRATION	Gray/White Non-Fibrous Homogeneous		45% Quartz 55% Non-fibrous (other)	**None Detected**

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Project: **14-028.12T17/ CSA SUPER STORM SANDY/ 2 APPLETREE LANE, MYSTIC**

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**
7-10-AC-26 *031426848-0026*	FAC A - EXTERIOR TEXTURED PAINT	Gray Non-Fibrous Homogeneous		55% Quartz 25% Ca Carbonate 20% Non-fibrous (other)	**None Detected**
7-10-AC-27 *031426848-0027*	FAC A - EXTERIOR TEXTURED PAINT	Gray Non-Fibrous Homogeneous		40% Quartz 15% Ca Carbonate 45% Non-fibrous (other)	**None Detected**
7-10-AC-28 *031426848-0028*	FAC A - EXTERIOR TEXTURED PAINT	Gray Non-Fibrous Homogeneous		42% Quartz 3% Mica 55% Non-fibrous (other)	**None Detected**

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EMSL Order:	031426848
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Project: **14-028.12T17/ CSA SUPER STORM SANDY/ 2 APPLETREE LANE, MYSTIC**

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::	7/11/2014	Sample Receipt Time:	9:58 AM
Analysis Completed Date:	7/12/2014	Analysis Completed Time:	12:02 AM

Analyst(s):

Keri-Dean Scarlett PLM (15)

Shahrakur Mahmud PLM (11)

Samples reviewed and approved by:

James Hall, Laboratory Manager
or other approved signatory

Report Amended: 07/18/2014 23:06:44 Replaces the Inital Report 07/12/2014 03:48:57. Reason Code: Data Entry-Change to Project

APPENDIX 3

INTERIOR AND EXTERIOR VISUAL ASSESSMENT FORMS

EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Room No: 1a Laundry Room * Most material has been removed already

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F (P)	Concrete - XRF	
Wall	A B C D	I F (P)	Fiber concrete wall - XRF	
Ceiling	A B C D	(I) F P	Ceiling/deck studs	Encapsulated
Door	A B C D	I F P		
Door Casing	A B C D	I F P		
Door Jamb	A B C D	I F P		
Baseboard	A B C D	I F P		
Window Casing	A B C D	I F P		
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C D	I F P		
Window Apron	A B C D	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
Columns	A B C D	I F (P)	XRF	
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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	A B C D	I F P		
	A B C D	I F P		

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

EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Room No: a2 Basement *Most material has been removed already

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	I F (P)	concrete - XRF	
Wall	(A) (B) (C) (D)	I F P	over floor - XRF	
Ceiling	A B C D	(I) F P	XRF - Mold observed	
Door	A B C (D)	(I) F P		
Door Casing	A B C (D)	(I) F P	new pre-hung	
Door Jamb	A B C (D)	(I) F P		
Baseboard	A B C D	I F P		
Window Casing	A B C D	I F P		
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C D	I F P		
Window Apron	A B C D	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
Columns	A B C D	I F (P)	XRF	
Beam	A B C D	I F (P)	XRF	
Stair treads	A B C D	(I) F P	Varnish XRF	
risers	A B C D	I F (P)	painted XRF	
Dec wall by Stairs	A B C (D)	(I) F P	XRF	
	A B C D	I F P		
Studs	A B C D	I F (P)	No paint - mold observed - XRF	
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		

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PHONE (860) 589-8257 • FAX (860) 585-7034

EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Room No: 005 Living Room

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P	Varnish hardwood	
Wall	(A) (B) (C) (D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	(A) (B) C (D)	I F P		
Door Casing	(A) (B) C D	I F P		
Door Jamb	(A) (B) C D	I F P		
Baseboard	(A) (B) (C) (D)	(I) F P		
Window Casing	(A) (B) C (D)	I F P		
Window Stop	(A) (B) C (D)	I F P		
Window Jamb	(A) (B) (C) (D)	I F P	Jamb liners -	
Window Sash	A B C D	I F P	replacement	
Window Well	A B C D	I F P	windows	
Window Sill	(A) (B) C (D)	I F P		
Window Apron	(A) (B) C (D)	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	(A) (B) (C) (D)	(I) F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
Fireplace Mantle	A B (C) D	(I) F P	Varnished 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		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		

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

EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Room No: 004 Kitchen/Dining Room

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P	varnished wood/ceramic tile	
Wall	(A) (B) (C) (D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	A B C D	I F P		
Door Casing	(A) B C (D)	(I) F P		
Door Jamb	A B C D	I F P		
Baseboard	(A) (B) (C) (D)	(I) F P		
Window Casing	A (B) C D	(I) F P		
Window Stop	A (B) C D	(I) F P		
Window Jamb	A B C D	I F P	replacement windows	
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A (B) C D	(I) F P		
Window Apron	A (B) C D	(I) F P		
Closet Door	A B C (D)	(I) F P		
Clst.Door Casing	A B C (D)	(I) F P		
Clst.Door Jamb	A B C (D)	(I) F P		
Closet Shelf	A B C (D)	(I) F P		
Shelf Support	A B C (D)	(I) F P		
Radiator	A B C D	I F P		
Crown Molding	A (B) C D	(I) F P		
Cabinet	A (B) (C) (D)	(I) F P		
Cabinet Door	A (B) (C) (D)	(I) F P		
Cabinet Frame	A (B) (C) (D)	(I) F P		
Door Bedboard wall	A (B) (C) D	(I) F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		

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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Room No: 005 Office

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P	varnish	
Wall	(A) (B) (C) (D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	A (B) (C) D	(I) F P		
Door Casing	A B (C) D	(I) F P	Sprchung	
Door Jamb	A B (C) D	(I) F P		
Baseboard	(A) (B) (C) (D)	(I) F P		
Window Casing	A B C (D)	(I) F P		
Window Stop	A B C (D)	(I) F P		
Window Jamb	A B C D	I F P	replacement windows	
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C (D)	(I) F P		
Window Apron	A B C (D)	(I) F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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	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: 2 Apple Tree Lane, Mystic

Room No: Bath 1 2nd

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

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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Room No: Bedroom 1 007

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

INTERIOR
VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Room No: 02 Bedroom 2 (Master)

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

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EAGLE Environmental, Inc.

INTERIOR
VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Room No: 009 Bath 2 (Mastic)

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P	linoleum	
Wall	(A) (B) (C) (D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	A (B) C D	(I) F P		
Door Casing	A (B) C D	(I) F P		
Door Jamb	A (B) C D	(I) F P		
Baseboard	(A) (B) (C) (D)	(I) F P		
Window Casing	A B C (D)	(I) F P		
Window Stop	A B C (D)	(I) F P		
Window Jamb	A B C D	I F P	replacement windows	
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C (D)	(I) F P		
Window Apron	A B C (D)	(I) F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
shelving	A B (C) D	(I) F P		
Shelf supp.	A B (C) D	(I) F P		
liner wall backing	(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: 2 Apple Tree Lane, Mystic

Room No: 010 Bedroom 3

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

INTERIOR
VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Room No: on Hallway

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTOL
Floor	A B C D	(I) F P	varnished	
Wall	(A) (B) (C) (D)	(I) F P		
Ceiling	A B C D	(I) F P		
Door	A (B) (C) (D)	(I) F P		
Door Casing	A (B) (C) (D)	(I) F P		
Door Jamb	A B C D	I F P		
Baseboard	A (B) (C) (D)	(I) F P		
Window Casing	A B C D	I F P		
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C D	I F P		
Window Apron	A B C D	I F P		
Closet Door	A B C D	I F P		
Clst.Door Casing	A B C D	I F P		
Clst.Door Jamb	A B C D	I F P		
Closet Shelf	A B C D	I F P		
Shelf Support	A B C D	I F P		
Radiator	A B C D	I F P		
Crown Molding	A B C D	I F P		
Cabinet	A B C D	I F P		
Cabinet Door	A B C D	I F P		
Cabinet Frame	A B C D	I F P		
Stair treads	A B C D	(I) F P	varnished	
risers	A B C D	I F (P)	XRF	
Stringer	A B C D	(I) F P		
handrail	A B C D	(I) F P	varnished	
Attic pulldown	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: 2 Apple Tree Lane, Mystic

Room No: 012 Garage

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

EXTERIOR VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Side: Façade A

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A B C D	(I) F P		
Skirt Board	A B C D	(I) F P	Enclosed	
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	Unpainted	
Porch Ceiling	A B C D	I F P		
Porch Trim	A B C D	I F P		
Window Casing	(A) B C D	(I) F P	Enclosed	
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	(A) B C D	(I) F P	Enclosed	
Door	(A) B C D	(I) F P		
Door Casing	(A) B C D	(I) F P		
Door Jamb	(A) B C D	(I) F P		
Foundation	A B C D	I F P	under deck	
Gutters	A B C D	I F P		
Rain Leaders	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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EXTERIOR VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Side: Façade B

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A (B) C D	(I) F P		
Skirt Board	A (B) C D	(I) F P	Enclosed	
Corner Board	A (B) C D	(I) F P	S	
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	Enclosed	
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A (B) C D	(I) F P	Enclosed	
Door	A (B) C D	I F P		
Door Casing	A (B) C D	I F P		
Door Jamb	A (B) C D	I F P		
Foundation	A (B) C D	(I) F P	XRF	
Gutters	A B C D	I F P		
Rain Leaders	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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	A B C D	I F P		
	A B C D	I F P		

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EAGLE Environmental, Inc.

EXTERIOR VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Side: Façade C

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A B (C) D	(I) F P	7 Enclosed	
Skirt Board	A B (C) D	(I) F P		
Corner Board	A B (C) D	(I) F P	3	
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	Enclosed	
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B (C) D	(I) F P	Enclosed	
Door	A B C D	I F P		
Door Casing	A B C D	I F P		
Door Jamb	A B C D	I F P		
Foundation	A B (C) D	(I) F P	unpainted	
Gutters	A B C D	I F P		
Rain Leaders	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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	A B C D	I F P		
	A B C D	I F P		

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

EAGLE Environmental, Inc.

EXTERIOR VISUAL ASSESSMENT FORM

Address: 2 Apple Tree Lane, Mystic

Side: Façade D

COMPONENT	SIDE	RATING	NOTES	INTERIM CONTROL
Siding	A B C (D)	(I) F P	Enclosed	
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	Enclosed	
Window Stop	A B C D	I F P		
Window Jamb	A B C D	I F P		
Window Sash	A B C D	I F P		
Window Well	A B C D	I F P		
Window Sill	A B C (D)	(I) F P	Enclosed	
Door	A B C D	I F P		
Door Casing	A B C D	I F P		
Door Jamb	A B C D	I F P		
Foundation	A B C (D)	(P) F P	Unpainted	
Gutters	A B C D	I F P		
Rain Leaders	A B C D	I F P		
Bulkhead	A B C (D)	(I) F P	XRF	
Pipe	A B C (D)	(I) F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
	A B C D	I F P		
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	A B C D	I F P		
	A B C D	I F P		

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APPENDIX 4

XRF LEAD-BASED PAINT INSPECTION REPORTS

LEAD PAINT INSPECTION REPORT

REPORT NUMBER: S#02753 - 07/10/14 11:40

INSPECTION FOR: Mr. David Holmes
Capital Studio Architects
1379 Main Street
East Hartford, CT 06106

PERFORMED AT: 2 Apple Tree Lane
Mystic, CT

INSPECTION DATE: 07/10/14

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

ACTION LEVEL: 1.0 mg/cm²

OPERATOR LICENSE: 002206

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

SIGNED: _____ Date: 7/10/14

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

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

Inspection Date:	07/10/14	2 Apple Tree Lane
Report Date:	7/10/2014	Mystic, CT
Abatement Level:	1.0	
Report No.	S#02753 - 07/10/14 11:40	
Total Readings:	37 Actionable: 0	
Job Started:	07/10/14 11:40	
Job Finished:	07/10/14 14:00	

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Calibration Readings									
---- End of Readings ----									

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

Inspection Date:	07/10/14	2 Apple Tree Lane
Report Date:	7/10/2014	Mystic, CT
Abatement Level:	1.0	
Report No.	S#02753 - 07/10/14 11:40	
Total Readings:	37	
Job Started:	07/10/14 11:40	
Job Finished:	07/10/14 14:00	

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
Exterior Room 002 Facade B									
033	B	Foundation	Ctr		I	Concrete	gray	0.4	TC
Exterior Room 004 Facade D									
034	D	Bulkhead doo	Ctr		I	Metal	gray	-0.2	QM
Interior Room 001 Laundry Rm									
004	-	Floor	Ctr		P	Concrete	brown	0.1	QM
008	-	Column	Ctr		P	Metal	silver	0.5	QM
006	B	Wall	Ctr	lower	P	Concrete	white	0.2	QM
009	C	Wall	Ctr		P	Dry wall	No Paint	-0.3	QM
005	D	Slab	Ctr		P	Concrete	gray	-0.3	QM
	for appliances								
007	D	Wall	Ctr	lower	P	Concrete	white	-0.1	QM
Interior Room 002 Basement									
025	-	Beam	Ctr		P	Wood	beige	-0.3	QM
010	-	Floor	Ctr		P	Concrete	gray	0.0	QM
020	-	Ceiling	Ctr		P	Dry wall	white	-0.3	QM
026	-	Ceiling	Ctr	Trim	P	Wood	beige	-0.1	QM
022	-	Stairs	Ctr	Treads	P	Wood	varnish	-0.4	QM
023	-	Stairs	Ctr	Risers	P	Wood	white	-0.2	QM
011	-	Column	Ctr		P	Metal	silver	0.3	QM
021	A	Stud	Ctr		P	Wood	No Paint	-0.2	QM
027	A	Crown Mldg	Ctr		P	Wood	beige	-0.2	QM
012	A	Wall	Ctr	lower	P	Concrete	gray	0.1	QM
016	A	Wall	Ctr	upper	P	Wood	brown	-0.3	QM
029	A	Stairs	Ctr	Closet wall	P	Dry wall	blue	-0.1	QM
013	B	Wall	Ctr	lower	P	Concrete	gray	0.3	QM
017	B	Wall	Ctr	upper	P	Wood	brown	-0.3	QM
014	C	Wall	Ctr	lower	P	Concrete	gray	0.1	QM
018	C	Wall	Ctr	upper	P	Wood	brown	0.1	QM
028	C	Stairs	Ctr	Header	P	Wood	white	-0.2	QM
024	D	Dec Wall pie	Rgt	Trim	P	Wood	white	0.1	QM
015	D	Wall	Ctr	lower	P	Concrete	gray	-0.1	QM
019	D	Wall	Ctr	upper	P	Wood	brown	0.0	QM
Interior Room 006 Bathroom 1									
030	B	Door	Ctr		P	Wood	white	0.0	QM
031	B	Door	Ctr	Jamb	P	Wood	white	-0.3	QM
Interior Room 011 Hallway									

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

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm²)	Mode
032	-	Stairs	Ctr	Risers	P	Wood	white	-0.3	QM
Calibration Readings									
001								1.0	TC
002								1.0	TC
003								1.0	TC
035								1.0	TC
036								1.0	TC
037								1.1	TC
---- End of Readings ----									

APPENDIX 5

LEAD DUST AND SOIL SAMPLE LABORATORY REPORTS

OrderID: 031426773

031426773

EMSL – MA	EMSL – CT	EMSL – NY	EMSL – NJ
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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; rsloch@eagleenviro.com
Project Name	Capital Studio Architects - Environmental Review	**Project #:** 14-028.12T17	
Project Location:	2 Apple Tree Lane, Mystic	**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 Vitreous 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)	7/10 KL 01	7/10 KL 10	**TOTAL SAMPLE #**	10	
Relinquished:	Kristen Liljehult	**Date:**	7/10/14	**Time:**	PM
Received:		**Date:**	7-10-14	**Time:**	PM
Relinquished:		**Date:**	7-10-14	**Time:**	PM
Received:		**Date:**	7/11/14	**Time:**	10:10 AM

Page 1

OrderID: 031426773 031426773

EMSL – MA
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(781) 933-8412 Fax

EMSL – CT
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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

www.emsl.com

SAMPLE NUMBER	SAMPLE DESCRIPTION	ROOM or LOCATION	VOLUME Air (L)	Area (Inches sq.)
7/10 KL 01	Field Blank			n/a
7/10 KL 02	Field Blank			n/a
7/10 KL 03	Floor at "A" Entry	Living Rm		144
7/10 KL 04	Floor at "B" Entry	Living Rm		144
7/10 KL 05	Window Well	Living Rm		4x30
7/10 KL 06	Window Sill	Kit/Dining		2x28
7/10 KL 07	Floor	Bathroom 1		144
7/10 KL 08	Window Sill	Bathroom 1		1.5 x 27.5
7/10 KL 09	Floor	Bedroom 1		144
7/10 KL 10	Window Well	Bedroom 1		4x28

7/9/14 10:11 AM

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:	031426773
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

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

Phone:	(860) 589-8257
Fax:	(860) 585-7034
Received:	07/11/14 10:10 AM
Collected:	7/10/2014

Project: **14-028.12T17/ CAPITAL STUDIO ARCHITECTS-ENVIRONMENTAL REVIEW/ 2 APPLE TREE LANE, MYSTIC, CT**

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Area Sampled*	*Lead Concentration*
7/10 KL 01	*0001*	7/10/2014	7/11/2014	n/a	<10 µg/wipe
Site: FIELD BLANK					
7/10 KL 02	*0002*	7/10/2014	7/11/2014	n/a	<10 µg/wipe
Site: FIELD BLANK					
7/10 KL 03	*0003*	7/10/2014	7/11/2014	144 in²	<10 µg/ft²
Site: FLOOR AT "A" ENTRY LIVING RM					
7/10 KL 04	*0004*	7/10/2014	7/11/2014	144 in²	<10 µg/ft²
Site: FLOOR AT "B" ENTRY LIVING RM					
7/10 KL 05	*0005*	7/10/2014	7/11/2014	120 in²	48 µg/ft²
Site: WINDOW WELL LIVING RM					
7/10 KL 06	*0006*	7/10/2014	7/11/2014	56 in²	<26 µg/ft²
Site: WINDOW SILL KIT/DINING					
7/10 KL 07	*0007*	7/10/2014	7/11/2014	144 in²	<10 µg/ft²
Site: FLOOR BATHROOM 1					
7/10 KL 08	*0008*	7/10/2014	7/11/2014	41.25 in²	<35 µg/ft²
Site: WINDOW SILL BATHROOM 1					
7/10 KL 09	*0009*	7/10/2014	7/11/2014	144 in²	<10 µg/ft²
Site: FLOOR BEDROOM 1					
7/10 KL 10	*0010*	7/10/2014	7/11/2014	112 in²	<13 µg/ft²
Site: WINDOW WELL BEDROOM 1					

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 11508

Initial report from 07/14/2014 10:40:14

OrderID: 031426771 03

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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	Capital Studio Architects - Environmental Review	**Project #:** 14-028.12T17	
Project Location:	2 Apple Tree Lane, Mystic	**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)	7/10 KL Soil 01	7/10 KL Soil 05		TOTAL SAMPLE #:	5
Relinquished:	Kristen Liljehult	Date:	7/10/14	Time:	PM
		Date:	7-10-14	Time:	PM
		Date:	7-10-14	Time:	PM
		Date:	7/10/14	Time:	10:27 PM

Page 1

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SAMPLE NUMBER	SAMPLE DESCRIPTION	ROOM or LOCATION	VOLUME Air (L)	Area (Inches sq.)
7/10 KL Soil 01	Vegetable Garden	A Side		150ft²
7/10 KL Soil 02	Bare soil from dripline out to fence	C Side		360ft²
7/10 KL Soil 03	Drip line by C/D	D Side		150ft²
7/10 KL Soil 04	Bare soil bed - dripline	D Side		54ft²
7/10 KL Soil 05	Bare soil - dripline by A/D	D Side		70ft²

7/11/07 10:27 PM

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:	031426771
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:	07/11/14 10:27 AM
Collected:	7/10/2014

Project: **14-028.12T17/ CAPITAL STUDIO ARCHITECTS - ENVIRONMENTAL REVIEW/ 2 APPLE TREE LANE, MYSTIC/ CT**

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

Client Sample Description	*Lab ID*	*Collected*	*Analyzed*	*Lead Concentration*
7/10 KL SOIL 01	*0001*	7/10/2014	7/12/2014	130 mg/Kg
Site: VEGETABLE GARDEN Desc: A SIDE				
7/10 KL SOIL 02	*0002*	7/10/2014	7/12/2014	74 mg/Kg
Site: BARE SOIL FROM DRIPLINE OUT TO FENCE Desc: C SIDE				
7/10 KL SOIL 03	*0003*	7/10/2014	7/12/2014	66 mg/Kg
Site: DRIP LINE BY C/D Desc: D SIDE				
7/10 KL SOIL 04	*0004*	7/10/2014	7/12/2014	47 mg/Kg
Site: BARE SOIL BED - DRIPLINE Desc: D SIDE				
7/10 KL SOIL 05	*0005*	7/10/2014	7/12/2014	45 mg/Kg
Site: BARE SOIL - DRIPLINE BY A/D Desc: D SIDE				

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 07/12/2014 22:43:57

APPENDIX 6

RADON TESTING REPORTS

RADON TESTING NOT PERFORMED

The structure is proposed to be elevated with the lowest level of the building not in contact with the ground.

APPENDIX 7

MOLD INSPECTION FORMS

EAGLE Environmental, Inc.

MOLD MOISTURE READING FORM

Eagle Project No: 14-028-2717 Date: 2-10-14 Inspector: Andrew Comeau

Facility Address: 2 Appletree Mystic

MOISTURE MODE						
ROOM	COMPONENT	SUBSTRATE	REL. SURFACE MOISTURE	DRY	AT RISK	WET
001	Wall Stud	Wood	18.5		low risk	
	Wall Stud	Wood	17.2		low risk	
	Ceiling beam	Wood	11.2	✓		
	Ceiling beam	Wood	12.0	✓		
	Ceiling beam	Wood	11.5	✓		
002	Ceiling	gypsum board	6.1	✓		
	Ceiling	gypsum board	11.3	✓		
	Wall Stud	Wood	19.7		low risk	
	Wall Stud	Wood	19.1		low risk	
	Ceiling beam	Wood	14.2	✓		
	wall Panel	Wood	4.8	✓		
	Wall Panel	Wood	11.8	✓		
	door casing	Wood	14.2	✓		
	Wall	Sheetrock	14.4	✓		
	Ceiling deck	Wood	4.6	✓		
	Stairhead	Wood	10.9	✓		

HYGROMETER MODE				
TIME	ROOM	% RELATIVE HUMIDITY	AIR TEMP.	DEW POINT TEMP.
12:05PM	001	46.2	84.4°F	59.9
12:15PM	002	60.4	84.2	60.6

EAGLE Environmental, Inc.

MOLD OBSERVATION FORM

Eagle Project No: 14-028.12.717 Date: 7-10-14 Inspector: AC

Facility Address: 2 apple tree music

Location	Observation	Sample Number
001	wood ceiling beams appear dry and no visible mold spores. wall studs look black in color, water damage evident.	
002	The gypsum board ceiling is observed to have minor water stains.	
	wall studs show evidence of water intrusion, wood studs are black.	
	- Sheetrock walls show no signs of water damage or mold growth	
	- wood panels show no signs of mold	
	-	

\\Eagle-server\public\FORMS\MOLD INSPECTION\Mold Observation Form.doc

APPENDIX 8

ABATEMENT AND CONSULTING COST ESTIMATE

HAZARDOUS MATERIALS ABATEMENT COST ESTIMATES
APPLICATION NO.2011
2 APPLE TREE LANE
WEST MYSTIC, CONNECTICUT

ASBESTOS ABATEMENT COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
ASBESTOS BREECHING REMOVAL	1	$ 1,200.00 EA	$ 1,200.00
SUBTOTAL			$ 1,200.00
ASBESTOS ABATEMENT CONTINGENCY			$ 120.00
ASBESTOS TOTAL			**$ 1,320.00**

MICROBIAL CONTAMINATION REMEDIATION COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
MICROBIAL REMEDIATION CONTINGENCY	1	$ 1,800.00 EACH	$ 1,800.00
SUBTOTAL			$ 1,800.00
MICROBIAL REMEDITION CONTINGENCY			$ 180.00
MICROBIAL REMEDIATION TOTAL			**$ 1,980.00**

HAZARDOUS MATERIALS ABATEMENT SUBTOTAL **$ 3,300.00**

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 **$ 4,620.00**

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.
001728
CURRENT THROUGH
04/30/15
VALIDATION NO.
03-794089

SIGNATURE

COMMISSIONER

Environmental Training and Assessment

Certificate of Completion

Lead Inspector/Risk Assessor — Refresher

Awarded To

Kristen Liljehult
269 Baileyville Road
Middlefield, CT 06455

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

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

Stephen Craig
Stephen J. Craig, Training Manager

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

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

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

LEAD INSPECTOR RISK ASSESSOR

CERTIFICATION NO.
002206
CURRENT THROUGH
12/31/14
VALIDATION NO.
08-715183

KRISTEN P. LILJEHULT

SIGNATURE

COMMISSIONER

Certificate of Training

Awarded to

ANDREW CARNEVALE

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

Asbestos Building Inspector

Annual Refresher Training

January 2, 2014

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

Presented by

Mystic Air Quality Consultants, Inc.

1204 North Road, Groton, CT 06340 (800) 247-7746

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

Exam Date: 01/02/2014

Christopher J. Eident, CIH, CSP, RS

George Williamson, Training Director

Richard Haffey, Training Director

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

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

ASBESTOS CONSULTANT - INSPECTOR

ANDREW C CARNEVALE

LICENSE NO. 000850

CURRENT THROUGH 10/31/14

VALIDATION NO. 03-702940

SIGNATURE

COMMISSIONER

State of Connecticut, Department of Public Health

Approved Environmental Laboratory

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

EMSL ANALYTICAL, INC. – MANHATTAN, NY

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

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

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

ASBESTOS

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

Environmental Health & Housing

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

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

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

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

Registration No.

PH-0170

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION