



Consulting
Engineers and
Scientists

September 14, 2016
Project 1403900-36-1000

Peter Folino
Eagle Environmental
8 South Main Street, Suite 3
Terryville, CT, 06786

**Re: National Environmental Policy Act (NEPA) Statutory Checklist for 123 High Street,
Mystic, CT**

Dear Mr. Folino,

GEI Consultants, Inc. (GEI), at the request of Eagle Environmental Inc. (Eagle), has completed National Environmental Policy Act (NEPA) requirements associated with the rehabilitation of the above-listed property under the HUD-DR Program. GEI conducted a site-visit, reviewed information specific to the proposed, funded rehabilitation activities associated with the property, and completed a NEPA Statutory Checklist. Based on the information gathered, it appears that this project cannot convert to Exempt because one or more statutes/authorities requires consultation or mitigation. State Historic Preservation Office (SHPO) determination of the proposed rehabilitation plan for this property is pending at this time. Complete consultation and lead-based paint and microbial mitigation requirements, publish NOI/RROF and obtain Authority to Use Grant Funds (HUD 7015.16) per ss58.70 and 58.71 before drawing down funds.

The completed NEPA Checklist, photos, environmental database report, and supporting maps are attached.

If you have any questions, please feel free to contact me at 860.368.5340.

Sincerely,

GEI CONSULTANTS, INC.

A handwritten signature in blue ink that reads "Barry Giroux".

Barry Giroux, P.E., LEP
Senior Consultant

A handwritten signature in black ink that reads "Kimberly Bradley".

Kimberly Bradley
Project Manager/Senior Ecologist

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**STATUTORY CHECKLIST [§58.35(a) activities]
for Categorical Exclusions and Environmental Assessments**

Note: Review of the items on this checklist is required for both Categorical Exclusions under Sec. 58.35(a) and projects requiring an Environmental Assessment under Sec. 58.36. If no compliance with any of the items is required, a Categorical Exclusion [58.35(a)] may become “exempt” under the provisions of Sec. 58.34 (a) (12). In such cases attach the completed Statutory Checklist to a written determination of the exemption. Projects requiring an Environmental Assessment under Sec. 58.36 cannot be determined to be exempt even if no compliance with Statutory Checklist items is found. Three items listed at Sec. 58.6 are applicable to all projects, including those determined to be exempt.

**Project Name and Identification/Location: Owner-occupied Rehabilitation and Rebuilding Program
Application #1611 123 High St, Mystic, CT**

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
Document Laws and authorities listed at 24 CFR Sec. 58.5							
1. Historic Properties [58.5(a)] [Section 106 of NHPA]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The State Historic Preservation Office (SHPO) has received the proposed rehabilitation plan for review (project scope letter from Capital Studio Architects, dated 6/10/2016). SHPO determination is pending at this time. Because this building is on the National Register, and federal monies are involved, the exterior work will have to be completed in accordance with the Secretary of the Interior Standards for Historic Rehabilitation.
2. Floodplain Management [58.5(b)] [EO 11988] [24 CFR 55]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Federal Emergency Management Agency (FEMA) Flood Insurance Rate Maps (FIRM) for the area shows the project site is not located within any special flood hazard area, New London County, CT- Map #09011C0526J (Figure 3). Connecticut Department of Energy and Environmental Protection (CTDEEP) Program-wide Permit is in effect.
3. Wetland Protection [58.5 (b)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The project site is not located within a wetland according to US Fish and Wildlife Service (USFWS) National wetlands inventory map (NWI; 2012; Figure 4). No impacts to wetland are anticipated.
4. Coastal Zone Management [58.5(c)] [CGS 22a-100(b)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The site is located within the Coastal Boundary but above the Coastal Jurisdiction Line contour/elevation of 2.0 ft. for the Town of Stonington (CTDEEP 2012; Figure 5). Consultation with local Planning & Zoning and CTDEEP OLISP is required (activities must be consistent with Coastal Management Act C.G.S Section 22a-100(b)). The proposed rehabilitation is limited to the existing footprint of the residence, which is located above the Coastal Jurisdiction Line; therefore impacts to coastal resources are expected to be minimal.

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
5. Water Quality – Aquifers [58.5(d)] [40 CFR 149] Clean Water Act 1977 Safe Drinking Water Act 1974	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No impacts to water quality are anticipated. CTDEEP Bureau of Water Protection and Land Reuse map titled "Connecticut Aquifer Projection Areas" dated December 2013 does not identify aquifer protection areas in the village of Mystic (Figure 6). The project site is not located in an EPA Sole Source Aquifer (http://www.epa.gov/region1/eco/drinkwater/pc_solesource_aquifer.html).
6. Endangered Species [58.5(e)] [16 U.S.C. 1531 et seq.] [CGS 26-310]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	CTDEEP State and Federal Listed Species and Significant Natural Communities Map for New London County does not identify the presence of listed species and critical habitat within the vicinity of the property (CTDEEP NDDDB 2016; Figure 7). Program-specific parameters provide that if no sandy beaches are present no further NDDDB review is required. Project site does not have a sandy beach (see Photo Log). USFWS Information, Planning and Conservation System (IPaC) indicates the potential presence of two (2) threatened species, Red knot (<i>Calidris canutus rufa</i>) and Northern long-eared bat (<i>Myotis septentrionalis</i>), on the project site (Attachment A). Further review of USFWS Endangered Species Consultation Project Review for Projects with Federal Involvement indicates the project site lacks suitable habitat for Red knot and Northern long-eared bat (Attachment B). Therefore, no threatened or endangered species are expected to occur within the project site (Attachment C).
7. Wild and Scenic Rivers [58.5 (f)] [16 U.S.C. 1271 et seq.]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Eightmile River is the only designated wild & scenic river within program area running through Lyme, Salem and East Haddam, CT (rivers.gov ; 2012; Figure 8). Project site is not within one mile of the designated area.
8. Air Quality [58.5(g)] [42 U.S.C. 7401 et seq.]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residential rehabilitation; will result in no quantifiable increase in air pollution.
9. Farmland Protection [58.5(h)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	NRCS soils mapping indicates the site is primarily underlain by Canton and Charlton soils – 8 to 15 percent slopes, very stony (Figure 9). The proposed project will not involve the conversion of any prime, unique, statewide, or locally important farmland.
Manmade Hazards: 10 A. Thermal Explosive [58.5(i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The site is in a residential neighborhood and proposed project will not result in any increase to density.
10 B. Noise [58.5(j)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Some short term construction-related noise is expected. No impact on long term contributions to ambient noise is expected.

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
10 C. Airport Clear Zones [58.5 (i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The site is outside of any airport clear zone.
10 D. Toxic Sites [58.5 (i)(2)(i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Site is not listed on EPA Superfund National Priorities or CERCLA List or equivalent State list, is not located within 3,000 feet of a toxic or solid waste landfill, does not have an underground storage tank (which is not a residential fuel tank) and is not known or suspected to be contaminated by toxic chemicals or radioactive materials. Based on attached environmental database report prepared by Ecolog ERIS Ltd (Attachment D), site inspection, and owner interview.
11. Environmental Justice [58.5(j)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The rehabilitation work at the project site is compatible with the surrounding residential use and no adverse human health and environmental effects on minority or low income population are expected. The village of Mystic is not listed as a Distressed Municipality by CTDECD (Attachment E).
Document Laws and authorities listed at Sec. 58.6 and other potential environmental concerns							
12 A. Flood Insurance [58.6(a) & (b)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	FEMA FIRM shows the project site is located outside a special flood hazard area, Zone X, "outside the 0.2% annual flood chance." (i.e., 500-year flood plain) New London County, CT-#09011C0526J (Figure 3). For site-specific projects located in the 100-year flood plain, the assisted homeowners are required to maintain flood insurance for not less than five years from the date of the assistance, and as such, does not apply to this project. Other State or Local flood insurance requirements may apply. Review possible.
12 B. Coastal Barriers [58.6(c)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The project site is not located within a designated FEMA FIRM Coastal Barrier Resource Zone. New London County, CT-#09011C0526J (Figure 3).
12 C. Airport Clear Zone Notification [58.6(d)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The site is outside of any airport clear zone. Project does not involve purchase or sale of a property as such 24 CFR 58.6(d).
13. A Solid Waste Disposal [42 U.S.C. S3251 et seq.] and [42 U.S.C. 6901-6987 eq seq.]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Solid waste disposal provided by the town. Proposed project will not result in an increase in density.
13 B. Fish and Wildlife [U.S.C. 661-666c]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Program activities will not result in impounding, diverting, deepening, channelizing or modification of any stream or body of water; not a water control project.
13 C. Lead-Based Paint [24 CFR Part 35] and [40 CFR 745.80 Subpart E]	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The results of Lead Paint Survey are in the Hazardous Material Inspection Report, dated 9/9/2016, prepared by Eagle Environmental Inc. submitted by Capital Studio Architects along with the Statutory Checklist). Of the 551 materials tested, 253 were found to contain toxic levels of lead paint. No

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
							further action is required regarding lead-based paint. The Lead-based Paint Abatement work plan details the work practices to be followed during construction to address lead containing materials at the project site.
13 D. Asbestos	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The results of Asbestos-containing Material Survey are in the Hazardous Material Inspection Report, dated 9/9/2016, prepared by Eagle Environmental Inc. (submitted by Capital Studio Architects along with the Statutory Checklist). All materials tested were confirmed to be non-asbestos containing material.
13 E. Radon [50.3 (f) 1]	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Radon testing performed at site found radon levels below USEPA action levels, no further action is required; Hazardous Material Inspection Report, dated 9/9/2016, prepared by Eagle Environmental Inc. (submitted by Capital Studio Architects along with the Statutory Checklist).
13 F. Mold	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	The procedures and results of the microbial testing for mold spores are included in the Hazardous Material Inspection Report, dated 9/9/2016, prepared by Eagle Environmental Inc. (report submitted by Capital Studio Architects along with the Statutory Checklist). The Mold and Water Remediation work plan details the work practices to be followed during construction to address water- and mold-impacted materials at the project site.
Other: State or Local 14 A. Flood Management Certification [CGS 25-68]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	General Permit for CDBG-DR Program activities with CTDEEP is in effect.
14 B. Structures, Dredging & Fill Act [CGS 22a-359 through 22a-363f]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rehabilitation work at the project site does not propose any activity water ward of the coastal jurisdiction line as defined in C.G.S. Section 22a-359(c), as activities will be limited to the footprint of the current residence (Figure 5).
14 C. Tidal Wetlands Act [CGS 22a-28 through 22a-35]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The activities of the proposed rehabilitation are located above approximate Coastal Jurisdiction Line based upon the coastal jurisdiction contour/elevation (2.0 ft. elevation for the Town of Stonington (CTDEEP 2012). CTDEEP Tidal Wetlands Mapping, as defined in C.G.S. Section 22a-29 and Section 22a-93(7)(e), identify the project as outside a tidal wetland zone (Figure 5; CTDEEP 1999).
14 D. Local inland wetlands/watercourses [CGS 22a-42]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No apparent inland wetlands on or adjacent to the site based review of NWI data (Figure 4) and NRCS soils data (Figure 9), as well as field observations. Project rehabilitation work is not expected to impact inland wetlands/watercourses.
14 E. Various Municipal Zoning Approvals	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No change of use or building expansion that would require zoning approvals noted.

DETERMINATION:

- This project converts to Exempt, per §58.349a)(12), because it does not require any mitigation for compliance with any listed statutes or authorities, nor requires any formal permit or license. Funds may be drawn down for this (now) EXEMPT project; **OR**
- This project cannot convert to Exempt because one or more statutes/authorities requires consultation or mitigation. Complete consultation/mitigation requirements, publish NOI/RRF and obtain Authority to Use Grant Funds (HUD 7015.16) per §58.70 and 58.71 before drawing down funds; **OR**
- The unusual circumstances of this project may result in a significant environmental impact. This project requires preparation of an Environmental Assessment (EA). Prepare the EA according to 24 CFR Part 58 Subpart E.

Prepared by:



9/14/16

Barry Giroux, PE, LEP
Senior Consultant, GEI Consultants, Inc.

Date

Responsible Entity or designee Signature:

Hermia Delaire, CDBG-DR Program Manager

Date

PHOTO LOG

NEPA Statutory Checklist

123 High Street

Mystic, CT

Photo 1: Front of residence; looking W.



Photo 2: Front of residence; looking SW.



Photo 3: Side of property; looking N.



Photo 4: Side of property; Looking E.

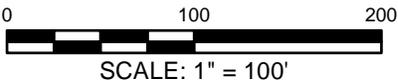


Photo 5: Side of property; Looking E.

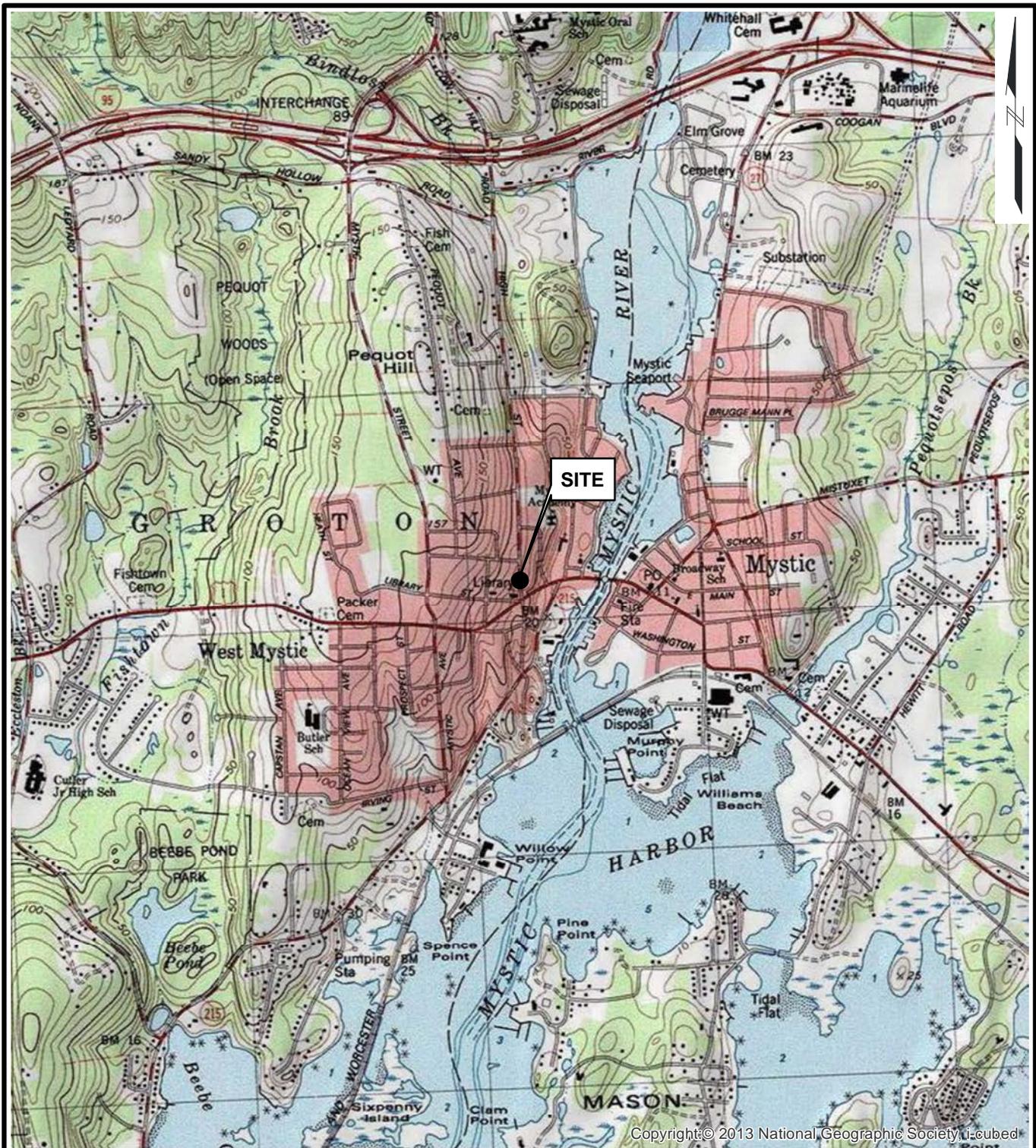




SOURCE:
1. 2014 ESRI WORLD IMAGERY



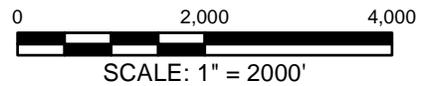
<p>National Environmental Policy Act (NEPA) Statutory Checklist and Environmental Assessment 123 High Street Mystic, Connecticut</p>		<p>SITE DETAIL</p>
<p>Eagle Environmental, Inc. Terryville, Connecticut</p>	<p>Project 1403900</p>	<p>July 2016 Fig. 1</p>



Copyright © 2013 National Geographic Society, I-cubed

SOURCE:

1. USGS TOPOGRAPHIC MAP ESSEX QUADRANGLE ACCESSED VIA ARCGISONLINE.COM.



National Environmental Policy Act (NEPA) Statutory Checklist and Environmental Assessment
123 High Street
Mystic, Connecticut

Eagle Environmental, Inc.
Terryville, Connecticut

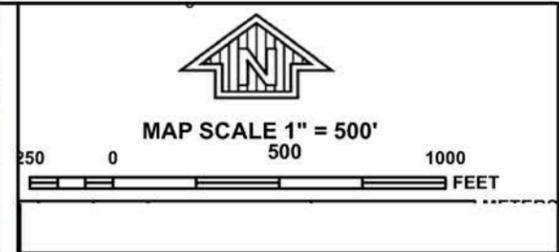
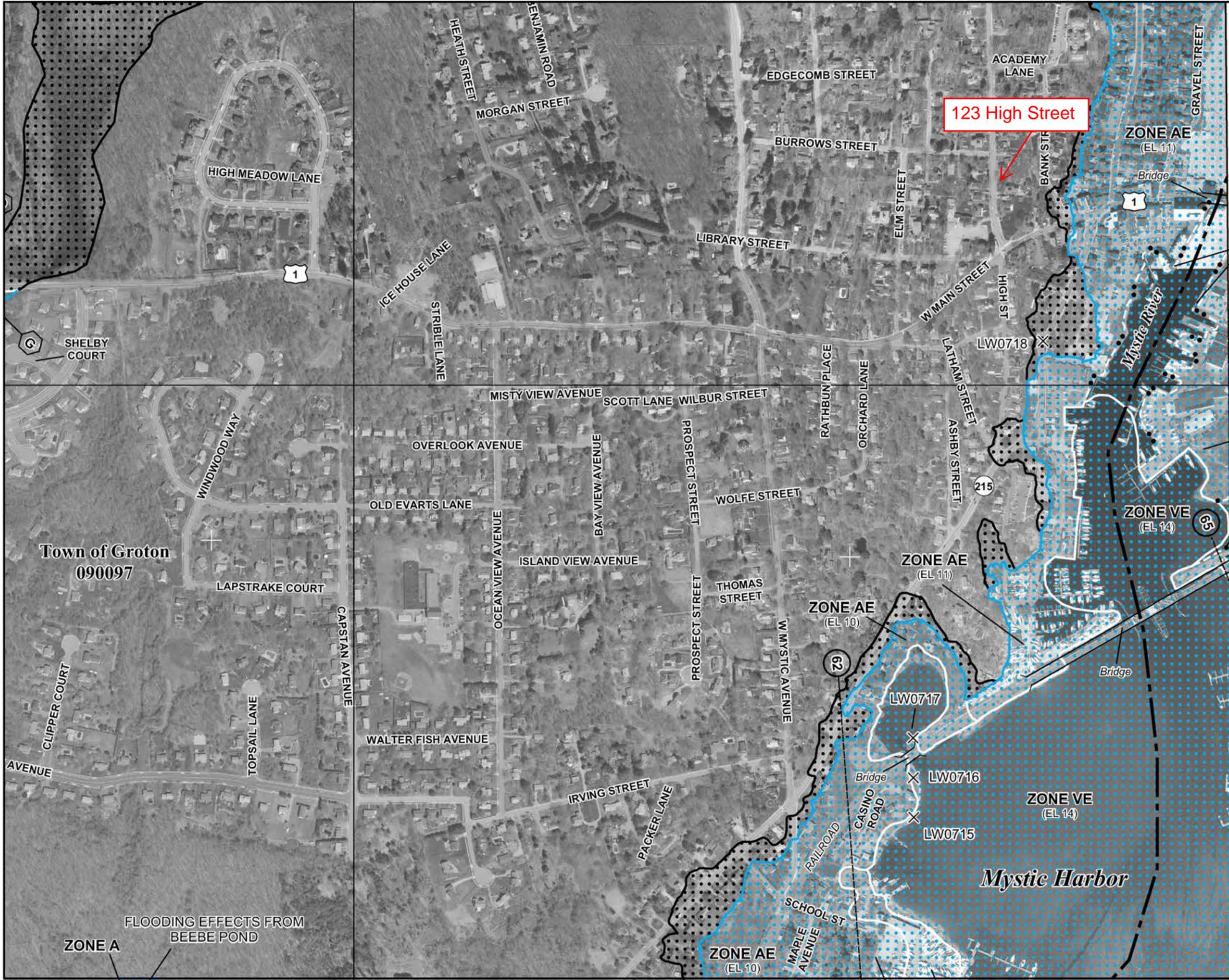


USGS TOPOGRAPHIC MAP

Project 1403900

July 2016

Fig. 2



NFIP
PANEL 0526J

FIRM
FLOOD INSURANCE RATE MAP
NEW LONDON COUNTY,
CONNECTICUT
(ALL JURISDICTIONS)

PANEL 526 OF 554
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
GROTON, TOWN OF	090097	0526	J
NOANK FIRE DISTRICT	090129	0526	J
STONINGTON, TOWN OF	090106	0526	J

Notice to User: The Map Number shown below should be used when placing map orders; the Community Number shown above should be used on insurance applications for the subject community.


MAP NUMBER
09011C0526J
MAP REVISED
AUGUST 5, 2013
Federal Emergency Management Agency

This is an official copy of a portion of the above referenced flood map. It was extracted using F-MIT On-Line. This map does not reflect changes or amendments which may have been made subsequent to the date on the title block. For the latest product information about National Flood Insurance Program flood maps check the FEMA Flood Map Store at www.msc.fema.gov



SOURCE:

1. 2012 US FISH AND WILDLIFE (USFWS) NATIONAL WETLANDS INVENTORY WWW.FWS.GOV/WETLANDS, ACCESSED JULY 2014.

0 200 400



SCALE: 1" = 200'

LEGEND

Wetland Type

Estuarine and Marine Deepwater

National Environmental Policy Act (NEPA) Statutory Checklist and Environmental Assessment
123 High Street
Mystic, Connecticut

Eagle Environmental, Inc.
Terryville, Connecticut

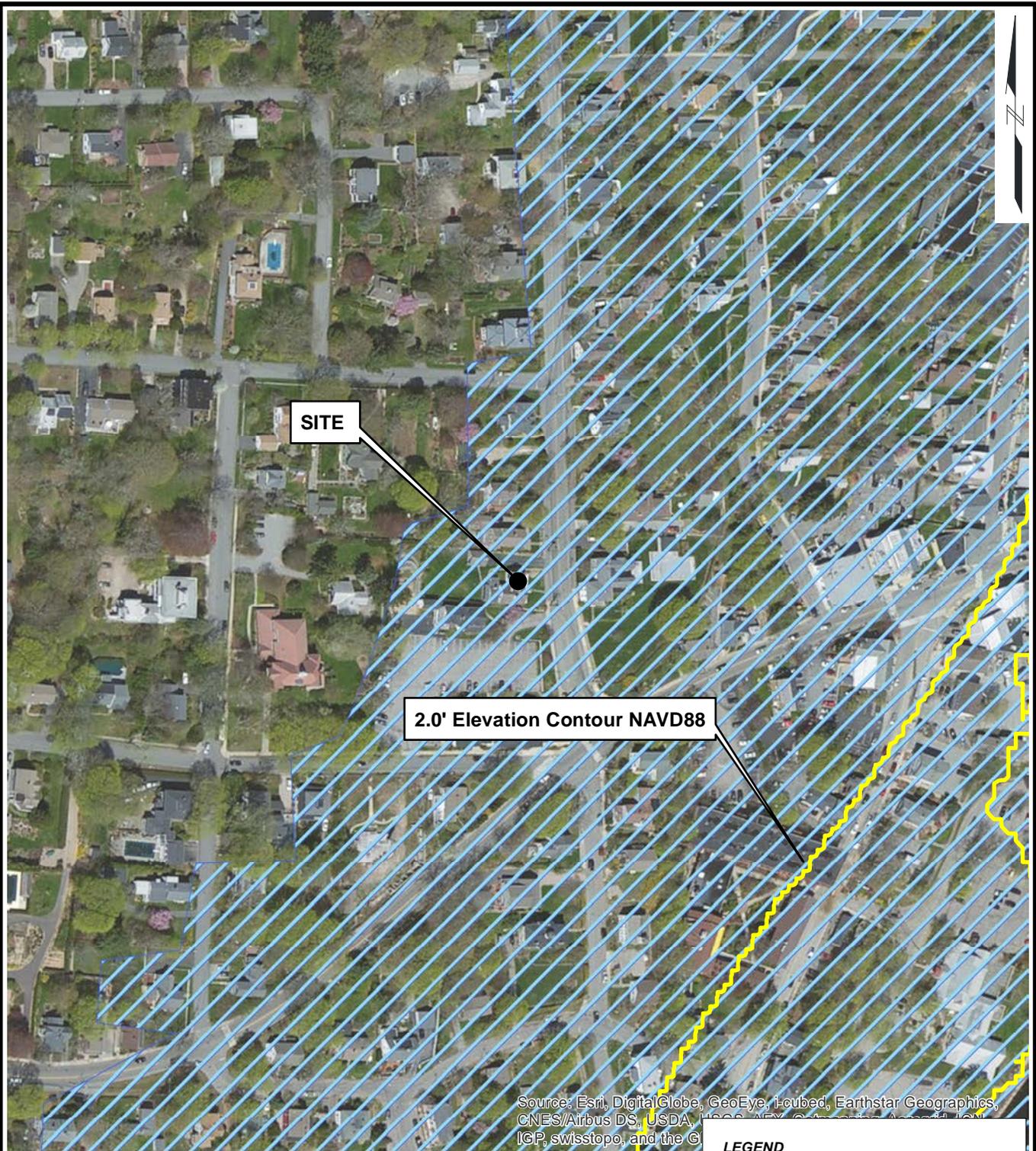


Project 1403900

NATIONAL WETLANDS INVENTORY (NWI)

July 2016

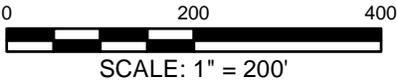
Fig. 4



Source: Esri, DigitalGlobe, GeoEye, i-cubed, Earthstar Geographics, CNES/Airbus DS, USDA, AeroGRID, IGN, SDA, CNES/Airbus DS, IGN, IGP, swisstopo, and the ©

SOURCE:

1. TIDAL WETLANDS (1990s)/COASTAL AREAS FROM CT DEEP GIS.
2. TOWN OF STONINGTON COASTAL JURISDICTION CONTOUR DERIVED FROM CT 10 FT DEM LIDAR, UCONN CLEAR



LEGEND

- Coastal Jurisdiction Contour
- Tidal Wetland
- Coastal Boundary

National Environmental Policy Act (NEPA) Statutory Checklist and Environmental Assessment
 123 High Street
 Mystic, Connecticut

Eagle Environmental, Inc.
 Terryville, Connecticut

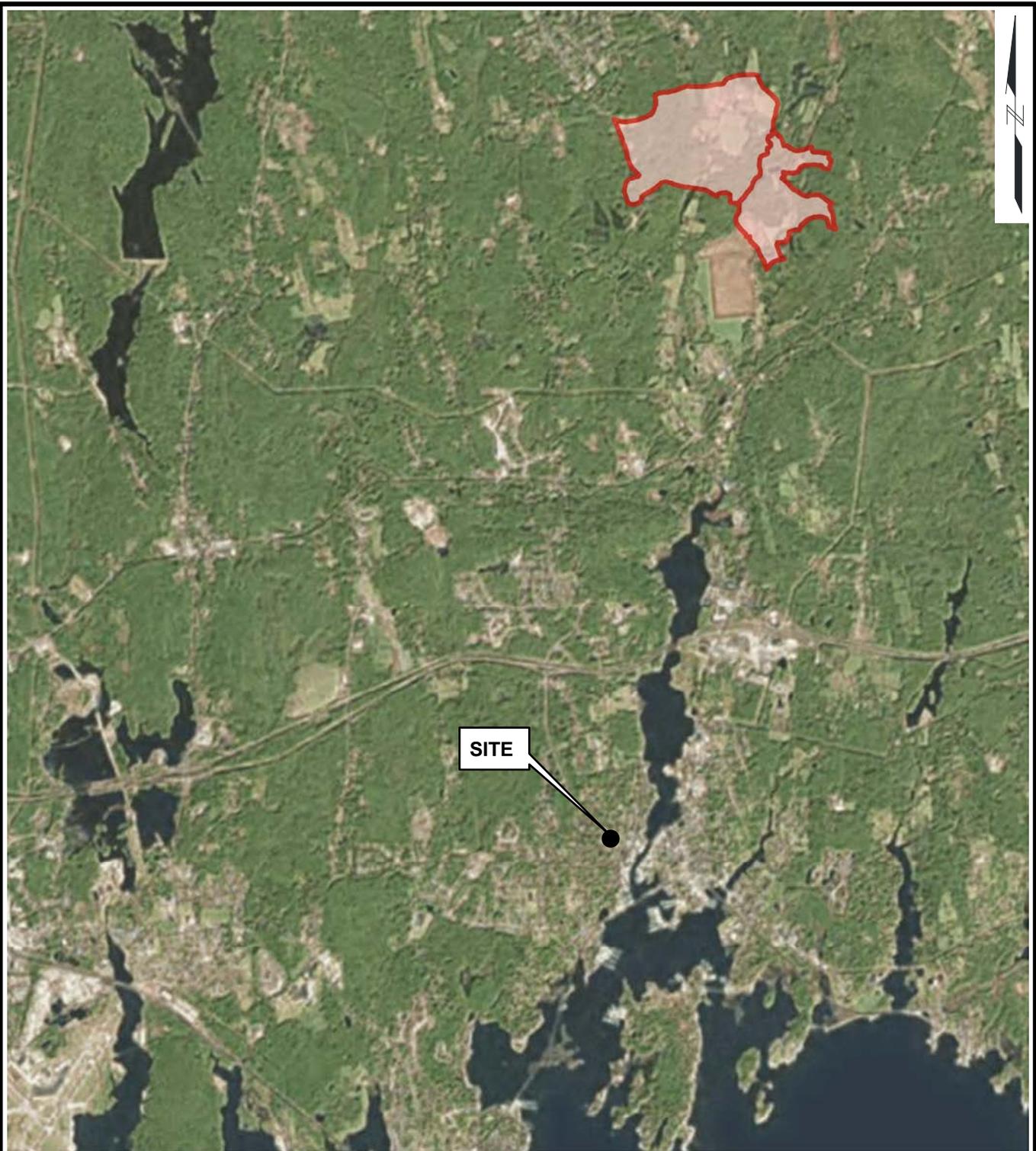


COASTAL RESOURCES

Project 1403900

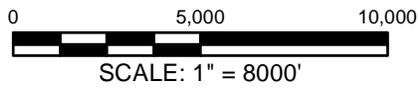
July 2016

Fig. 5



SITE

SOURCE:
 1. AQUIFER PROTECTION LAYER
 FROM CT DEEP GIS, LAST UPDATED
 DEC. 2013.



LEGEND

-  Final Adopted Aquifer Protection
-  Final Aquifer Protection

National Environmental Policy Act (NEPA) Statutory
 Checklist and Environmental Assessment
 123 High Street
 Mystic, Connecticut

Eagle Environmental, Inc.
 Terryville, Connecticut



Project 1403900

**AQUIFER PROTECTION
 AREA**

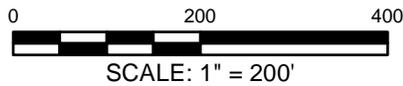
July 2016

Fig. 6



SOURCE:

1. NDDDB DATA, CT DEEP GIS, LAST UPDATED JUNE 2016.



LEGEND

 Natural Diversity Area

National Environmental Policy Act (NEPA) Statutory Checklist and Environmental Assessment
 123 High Street
 Mystic, Connecticut

Eagle Environmental, Inc.
 Terryville, Connecticut

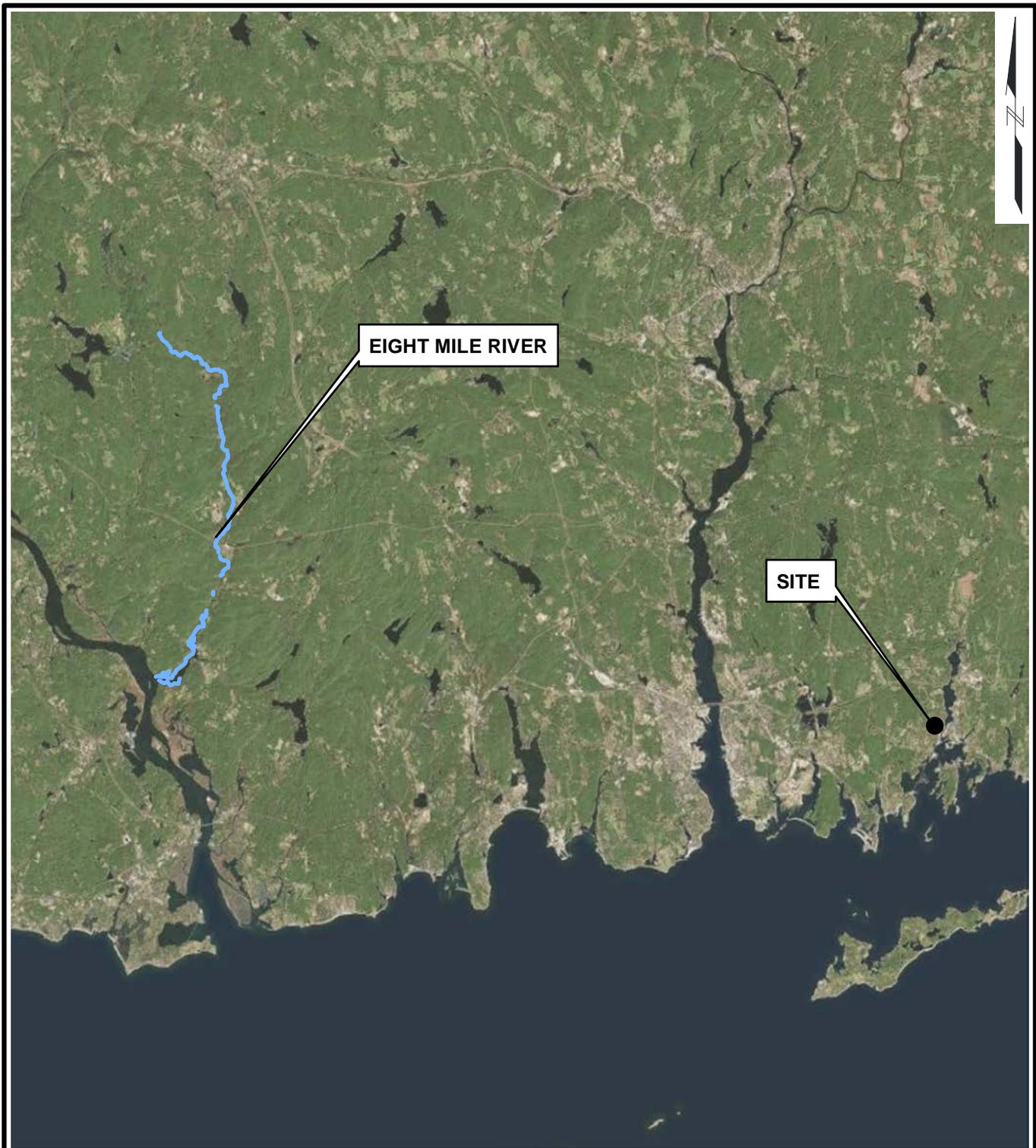


Project 1403900

NATURAL DIVERSITY DATABASE AREA AND CRITICAL HABITAT

July 2016

Fig. 7

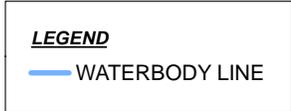
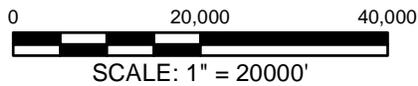


EIGHT MILE RIVER

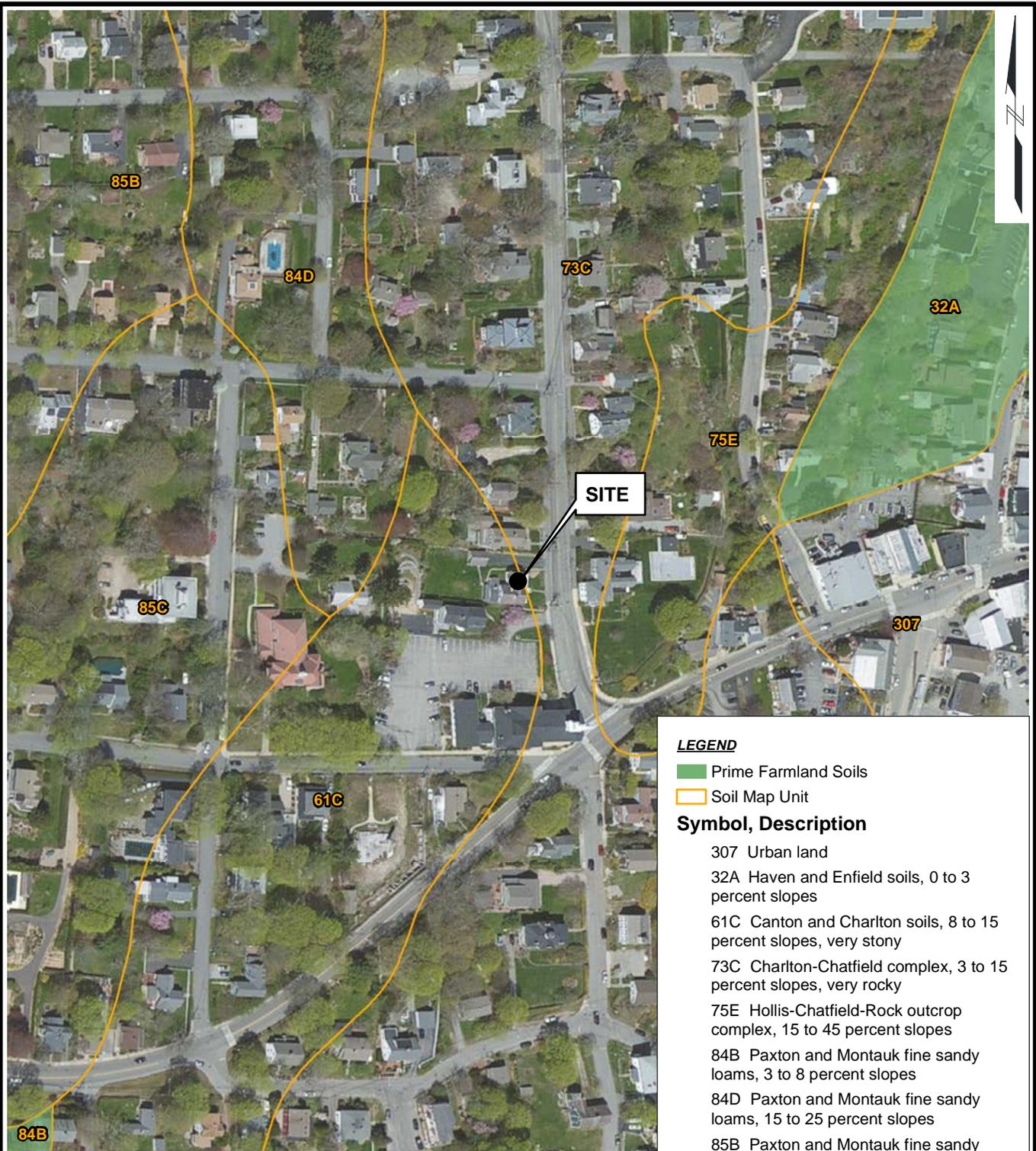
SITE

SOURCE:

- 1. CT DEEP GIS.
- 2. www.rivers.org; November 2012



<p>National Environmental Policy Act (NEPA) Statutory Checklist and Environmental Assessment 123 High Street Mystic, Connecticut</p>		<p>DISTANCE TO WILD AND SCENIC RIVER</p>
<p>Eagle Environmental, Inc. Terryville, Connecticut</p>	<p>Project 1403900</p>	<p>July 2016 Fig. 8</p>



LEGEND

- Prime Farmland Soils
- Soil Map Unit

Symbol, Description

- 307 Urban land
- 32A Haven and Enfield soils, 0 to 3 percent slopes
- 61C Canton and Charlton soils, 8 to 15 percent slopes, very stony
- 73C Charlton-Chatfield complex, 3 to 15 percent slopes, very rocky
- 75E Hollis-Chatfield-Rock outcrop complex, 15 to 45 percent slopes
- 84B Paxton and Montauk fine sandy loams, 3 to 8 percent slopes
- 84D Paxton and Montauk fine sandy loams, 15 to 25 percent slopes
- 85B Paxton and Montauk fine sandy loams, 3 to 8 percent slopes, very stony
- 85C Paxton and Montauk fine sandy loams, 8 to 15 percent slopes, very stony
- W Water

SOURCE:

1. NRCS Soil Survey Geographic (SSURGO) database for the State of Connecticut, CT DEEP GIS



SCALE: 1" = 200'

National Environmental Policy Act (NEPA) Statutory Checklist and Environmental Assessment
 123 High Street
 Mystic, Connecticut

Eagle Environmental, Inc.
 Terryville, Connecticut



Project 1403900

NRCS SOILS

July 2016

Fig. 9

Attachment A



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 03301
PHONE: (603)223-2541 FAX: (603)223-0104
URL: www.fws.gov/newengland

Consultation Code: 05E1NE00-2016-SLI-1856

July 15, 2016

Event Code: 05E1NE00-2016-E-02619

Project Name: 123 High St Mystic

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior
Fish and Wildlife Service

Project name: 123 High St Mystic

Official Species List

Provided by:

New England Ecological Services Field Office

70 COMMERCIAL STREET, SUITE 300

CONCORD, NH 03301

(603) 223-2541

<http://www.fws.gov/newengland>

Consultation Code: 05E1NE00-2016-SLI-1856

Event Code: 05E1NE00-2016-E-02619

Project Type: ** OTHER **

Project Name: 123 High St Mystic

Project Description: Residential rehabilitation

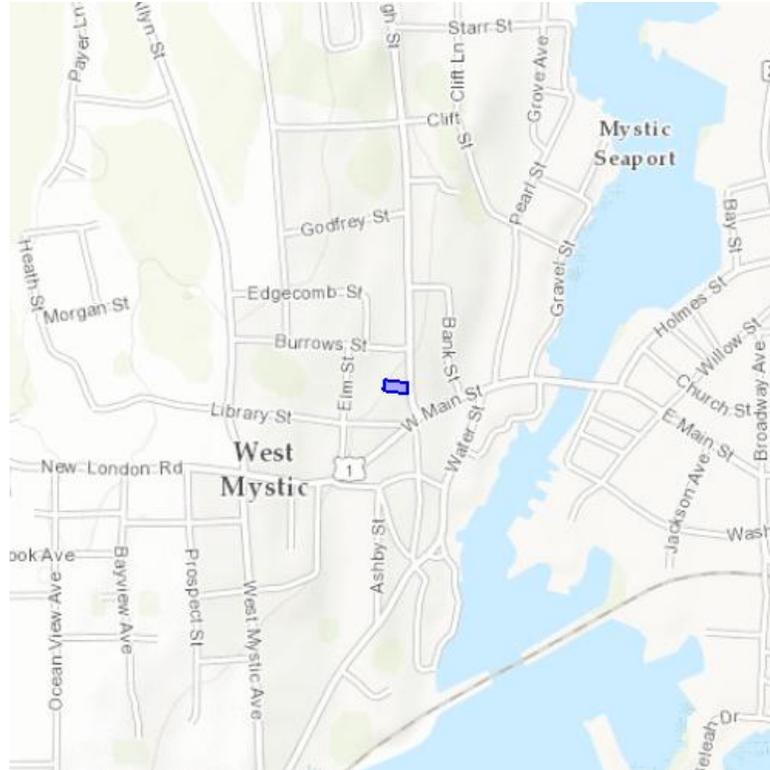
Please Note: The FWS office may have modified the Project Name and/or Project Description, so it may be different from what was submitted in your previous request. If the Consultation Code matches, the FWS considers this to be the same project. Contact the office in the 'Provided by' section of your previous Official Species list if you have any questions or concerns.



United States Department of Interior
Fish and Wildlife Service

Project name: 123 High St Mystic

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-71.97320580482483 41.35474794826268, -71.97379857301712 41.354796268764, -71.97383612394333 41.354609026621524, -71.97320580482483 41.35453654564758, -71.97320580482483 41.35474794826268)))

Project Counties: New London, CT



United States Department of Interior
Fish and Wildlife Service

Project name: 123 High St Mystic

Endangered Species Act Species List

There are a total of 2 threatened or endangered species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

Birds	Status	Has Critical Habitat	Condition(s)
Red Knot (<i>Calidris canutus rufa</i>)	Threatened		
Mammals			
Northern long-eared Bat (<i>Myotis septentrionalis</i>)	Threatened		



United States Department of Interior
Fish and Wildlife Service

Project name: 123 High St Mystic

Critical habitats that lie within your project area

There are no critical habitats within your project area.

Attachment B

FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES IN CONNECTICUT

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
Fairfield	Piping Plover	Threatened	Coastal beaches	Westport, Bridgeport and Stratford
	Roseate Tern	Endangered	Coastal beaches, islands and the Atlantic Ocean	Westport and Stratford
	Bog Turtle	Threatened	Wetlands	Ridgefield and Danbury
	Red Knot ¹	Proposed Threatened	Coastal beaches and rocky shores, sand and mud flats	Coastal towns
	Northern Long-eared Bat	Proposed Endangered	Winter-mines and caves, summer-wide variety of forested habitats	Statewide
Hartford	Dwarf Wedgemussel	Endangered	Farmington and Podunk Rivers, Muddy Brook, Philo Brook, Stony Brook	South Windsor, East Granby, Suffield, Simsbury, Avon and Bloomfield
	Northern Long-eared Bat	Proposed Endangered	Winter-mines and caves, summer-wide variety of forested habitats	Statewide
Litchfield	Small Whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Sharon
	Bog Turtle	Threatened	Wetlands	Sharon and Salisbury
	Northern Long-eared Bat	Proposed Endangered	Winter-mines and caves, summer-wide variety of forested habitats	Statewide
Middlesex	Roseate Tern	Endangered	Coastal beaches, islands and the Atlantic Ocean	Westbrook and New London
	Piping Plover	Threatened	Coastal beaches	Clinton, Westbrook, Old Saybrook
	Puritan Tiger Beetle	Threatened	Sandy beaches along the Connecticut River	Cromwell, Portland
	Northern Long-eared Bat	Proposed Endangered	Winter-mines and caves, summer-wide variety of forested habitats	Statewide
New Haven	Bog Turtle	Threatened	Wetlands	Southbury
	Piping Plover	Threatened	Coastal beaches	Milford, Madison and West Haven
	Roseate Tern	Endangered	Coastal beaches, islands and the Atlantic Ocean	Branford, Guilford and Madison
	Indiana Bat	Endangered	Mines, caves	
	Red Knot ¹	Proposed Threatened	Coastal beaches and rocky shores, sand and mud flats	Coastal towns
	Northern Long-eared Bat	Proposed Endangered	Winter-mines and caves, summer-wide variety of forested habitats	Statewide

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
New London	Piping Plover	Threatened	Coastal beaches	Old Lyme, Waterford, Groton and Stonington
	Roseate Tern	Endangered	Coastal beaches, islands and the Atlantic Ocean	East Lyme and Waterford
	Small Whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Waterford
	Red Knot ¹	Proposed Threatened	Coastal beaches and rocky shores, sand and mud flats	Coastal towns
	Northern Long-eared Bat	Proposed Endangered	Winter-mines and caves, summer-wide variety of forested habitats	Statewide
Tolland	Northern Long-eared Bat	Proposed Endangered	Winter-mines and caves, summer-wide variety of forested habitats	Statewide
Windham	Sandplain Gerardia	Endangered	Dry, sandy loam, nutrient-poor soils of sandplain grasslands	Plainfield
	Northern Long-eared Bat	Proposed Endangered	Winter-mines and caves, summer-wide variety of forested habitats	Statewide

¹ Migratory only, scattered along the coast in small numbers.

- Eastern cougar, gray wolf, Indiana bat, Seabeach amaranth and American burying beetle are considered extirpated in Connecticut.
- There is no federally designated Critical Habitat in Connecticut.



United States Department of the Interior

FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
<http://www.fws.gov/newengland>



January 7, 2014

To Whom It May Concern:

This project was reviewed for the presence of federally listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

<http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm>

Based on information currently available to us, no federally listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under section 7 of the Endangered Species Act is not required. No further Endangered Species Act coordination is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your cooperation. Please contact Maria Tur of this office at 603-223-2541 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office



DATABASE REPORT



Project Property: 123 High St Mystic
123 High St
Mystic CT 06355

Project No:

Report Type: Screen Report

Order No: 20160715119

Requested by: GEI Consultants Inc.

Date Completed: July 15, 2016

Ecolog ERIS Ltd.
Environmental Risk Information
Service Ltd. (ERIS)
A division of Glacier Media Inc.
P: 1.866.517.5204
E: info@erisinfo.com

www.erisinfo.com

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Executive Summary

Property Information:

Project Property: 123 High St Mystic
123 High St Mystic CT 06355

Project No:

Coordinates:

Latitude: 41.35467
Longitude: -71.973519
UTM Northing: 4,582,396.74
UTM Easting: 251,253.47
UTM Zone: UTM Zone 19T

Elevation: 77 FT

Order Information:

Order No: 20160715119
Date Requested: July 15, 2016
Requested by: GEI Consultants Inc.
Report Type: Screen Report

Ancillary Products:

Executive Summary: Report Summary

<i>Database</i>	<i>Searched</i>	<i>Project Property</i>	<i>Within 0.125mi</i>	<i>Total</i>
Standard Environmental Records				
Federal				
NPL	Y	0	0	0
PROPOSED NPL	Y	0	0	0
DELETED NPL	Y	0	0	0
SEMS	Y	0	0	0
SEMS ARCHIVE	Y	0	0	0
CERCLIS	Y	0	0	0
CERCLIS NFRAP	Y	0	0	0
CERCLIS LIENS	Y	0	0	0
RCRA CORRACTS	Y	0	0	0
RCRA TSD	Y	0	0	0
RCRA LQG	Y	0	0	0
RCRA SQG	Y	0	0	0
RCRA CESQG	Y	0	0	0
RCRA NON GEN	Y	0	0	0
FED ENG	Y	0	0	0
FED INST	Y	0	0	0
ERNS 1982 TO 1986	Y	0	0	0
ERNS 1987 TO 1989	Y	0	0	0
ERNS	Y	0	1	1
FED BROWNFIELDS	Y	0	0	0
MLTS	Y	0	0	0
HIST MLTS	Y	0	0	0
State				
SHWS	Y	0	0	0
SWF/LF	Y	0	0	0
LUST	Y	0	0	0
DLST	Y	0	0	0

Database	Searched	Project Property	Within 0.125mi	Total
UST	Y	0	0	0
AUL	Y	0	0	0
AST	Y	0	0	0
VCP	Y	0	0	0
BROWNFIELDS	Y	0	0	0
CBRA BRWN	Y	0	0	0
BROWNFIELDS	Y	0	0	0

Tribal

ILST	Y	0	0	0
IUST	Y	0	0	0
INDIAN VCP	Y	0	0	0
DELISTED ILST	Y	0	0	0
DELISTED IUST	Y	0	0	0

County

No County standard environmental record sources available for this State.

Additional Environmental Records

Federal

FINDS/FRS	Y	0	0	0
TRIS	Y	0	0	0
HMIRS	Y	0	0	0
NCDL	Y	0	0	0
ODI	Y	0	0	0
IODI	Y	0	0	0
TSCA	Y	0	0	0
HIST TSCA	Y	0	0	0
FTTS ADMIN	Y	0	0	0
FTTS INSP	Y	0	0	0
PRP	Y	0	0	0
SCRD DRYCLEANER	Y	0	0	0
ICIS	Y	0	0	0
FED DRYCLEANERS	Y	0	0	0
FUDS	Y	0	0	0

State

LIENS	Y	0	0	0
CT PROPERTY	Y	0	0	0
SPILLS	Y	0	0	0
CT MANIFEST	Y	0	2	2
CT MAN TSDF	Y	0	0	0
CT HAZ HANDLERS	Y	0	2	2

Database	Searched	Project Property	Within 0.125mi	Total
HZ NOTIFICATION	Y	0	0	0

Tribal *No Tribal additional environmental record sources available for this State.*

County *No County additional environmental record sources available for this State.*

Total:	0	5	5
---------------	---	---	---

Executive Summary: Site Report Summary - Project Property

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist mi</i>	<i>Elev diff ft</i>	<i>Page Number</i>
--------------------	-----------	--------------------------	----------------	--------------------	-------------------------	------------------------

No records found in the selected databases for the project property.

Executive Summary: Site Report Summary - Surrounding Properties

<i>Map Key</i>	<i>DB</i>	<i>Company/Site Name</i>	<i>Address</i>	<i>Dir/Dist mi</i>	<i>Elev Diff ft</i>	<i>Page Number</i>
<u>1</u>	CT HAZ HANDLERS	UNITED BACUS CHURCH	119 HIGH ST MYSTIC CT 06355	SE/0.04	-25	<u>12</u>
<u>1</u>	CT MANIFEST	UNITED BACUS CHURCH	119 HIGH ST MYSTIC CT	SE/0.04	-25	<u>12</u>
<u>2</u>	CT HAZ HANDLERS	FREDERICK GLEASON	159 HIGH ST MYSTIC CT 06166	NNE/0.07	7	<u>13</u>
<u>2</u>	CT MANIFEST	FREDERICK GLEASON	159 HIGH ST MYSTIC CT	NNE/0.07	7	<u>13</u>
<u>3</u>	ERNS		54 WEST MAIN ST MYSTIC CT	E/0.11	-69	<u>14</u>

Executive Summary: Summary by Data Source

Standard

Federal

ERNS - Emergency Response Notification System

A search of the ERNS database, dated Oct 7, 2015 has found that there are 1 ERNS site(s) within approximately 0.02 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
<u>Lower Elevation</u>	<u>Address</u> 54 WEST MAIN ST MYSTIC CT	<u>Direction</u> E	<u>Distance mi</u> 0.11	<u>Map Key</u> <u>3</u>

Non Standard

State

CT MANIFEST - Hazardous Waste Manifest Data

A search of the CT MANIFEST database, dated Dec 1, 2014 has found that there are 2 CT MANIFEST site(s) within approximately 0.25 miles of the project property.

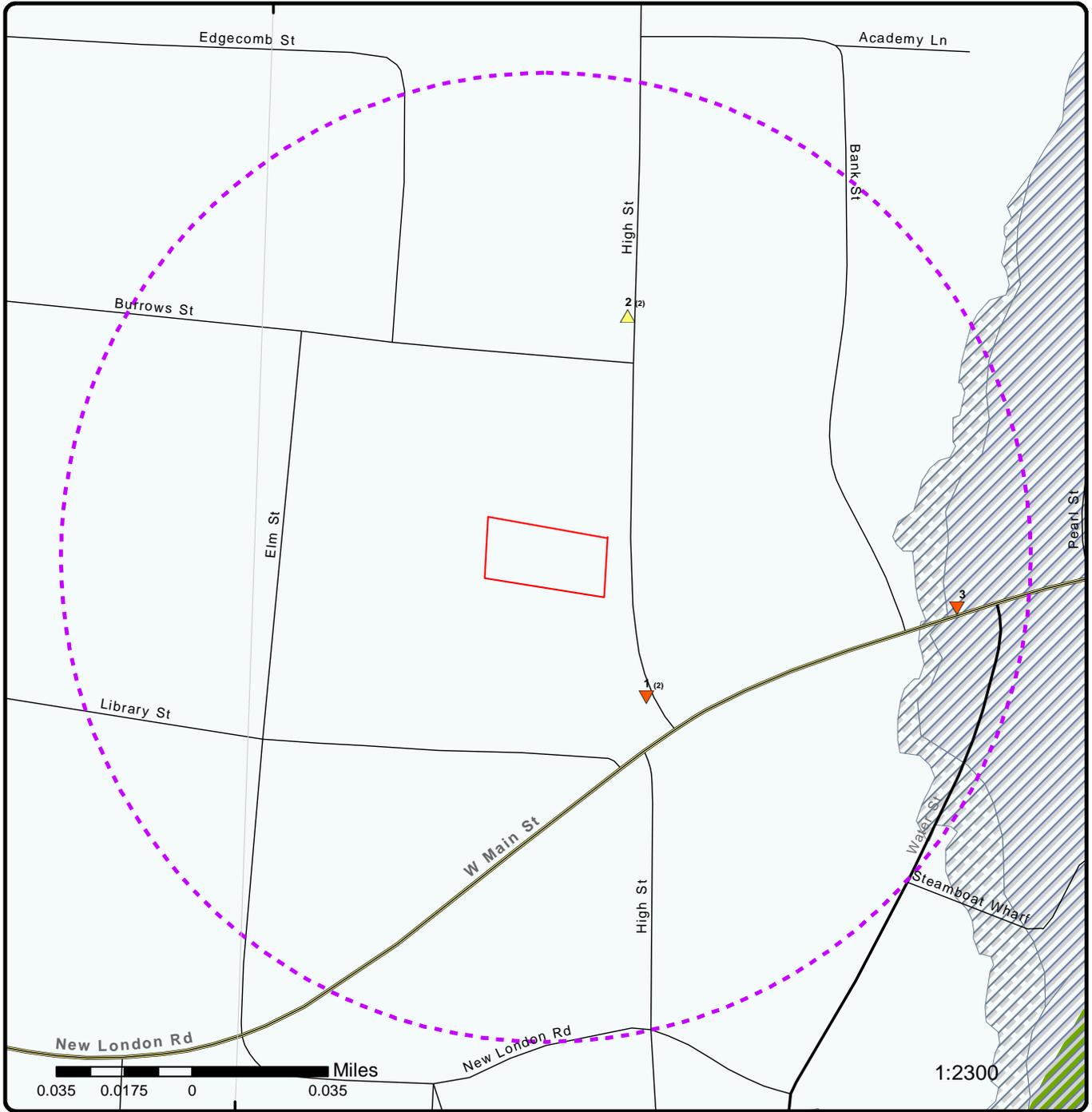
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
FREDERICK GLEASON	159 HIGH ST MYSTIC CT	NNE	0.07	<u>2</u>
<u>Lower Elevation</u>	<u>Address</u> 119 HIGH ST MYSTIC CT	<u>Direction</u> SE	<u>Distance mi</u> 0.04	<u>Map Key</u> <u>1</u>

CT HAZ HANDLERS - Hazardous Waste Handlers

A search of the CT HAZ HANDLERS database, dated Dec 1, 2014 has found that there are 2 CT HAZ HANDLERS site(s) within approximately 0.25 miles of the project property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
FREDERICK GLEASON	159 HIGH ST MYSTIC CT 06166	NNE	0.07	2

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction</u>	<u>Distance mi</u>	<u>Map Key</u>
UNITED BACUS CHURCH	119 HIGH ST MYSTIC CT 06355	SE	0.04	1



Map

Order No: 20160715119
 Address: 123 High St, Mystic, CT 06355 US



Project Property	Major Highways	County Boundary	Indian Reserve Land
Buffer Outline	Major Highways Ramps	State Boundary	Historic Fill
Eris Sites with Higher Elevation	Major Roads	500 Year Flood Zone	State Brownfield Sites
Eris Sites with Same Elevation	Major Roads Ramps	100 Year Flood Zone	State Brownfield Areas
Eris Sites with Lower Elevation	Secondary Roads	National Priority List Sites	State Superfund Areas:Dept. of Defense
Eris Sites with Unknown Elevation	Secondary Roads Ramps	National Wetland	State Superfund Areas:NPL
Rails	Local Roads and Ramps	FWS Special Designation Areas	WQAR Areas

71°58'30"W

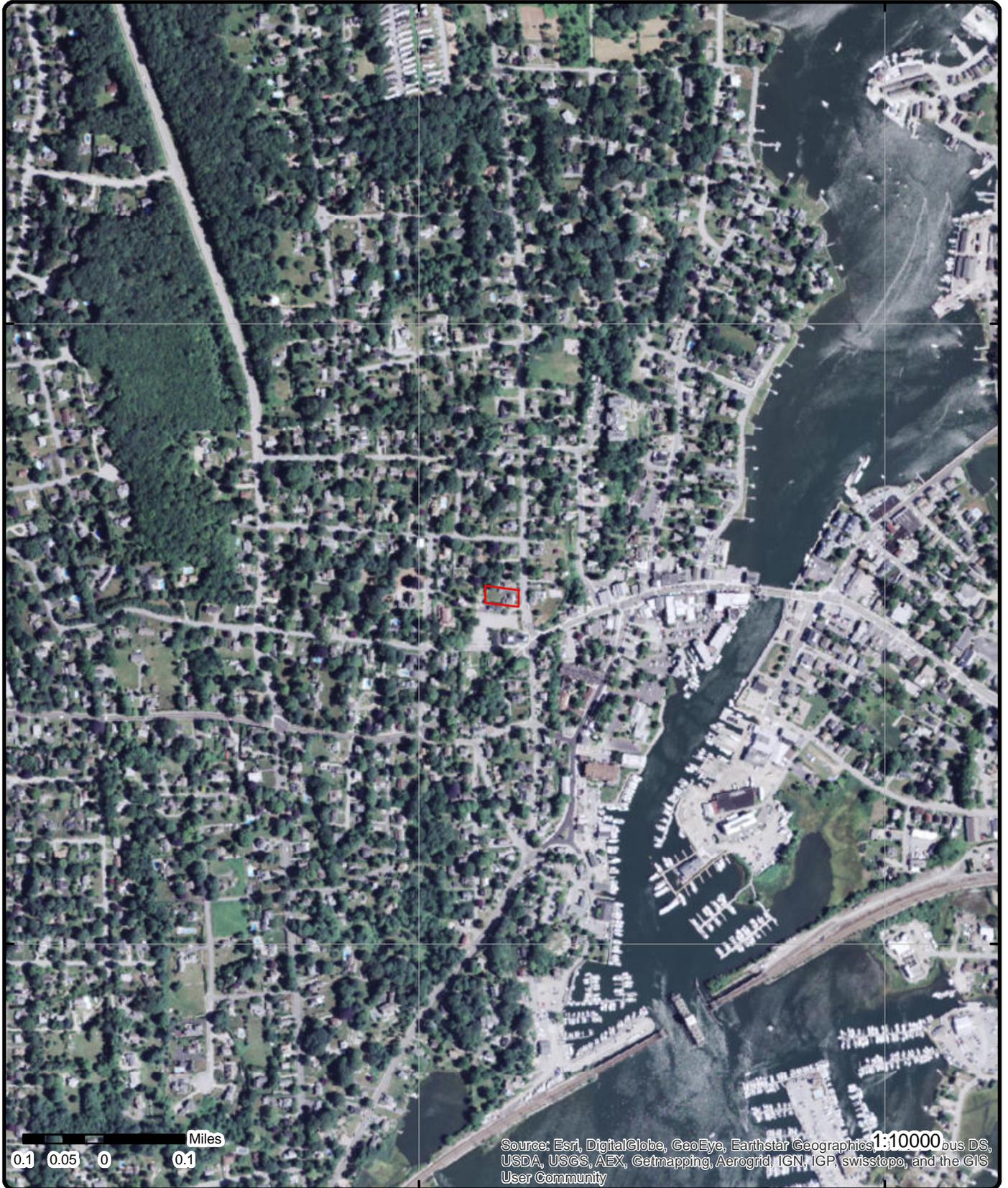
71°58'W

41°21'30"N

41°21'30"N

41°21'N

41°21'N



Aerial

Order No: 20160715119

Address: 123 High St, Mystic, CT 06355 US

Source: ESRI World Imagery, Updated October 2014

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Attachment E

2015 Distressed Municipalities

Ranked by Score

	Total Scores	
Waterbury	1407	1
Ansonia	1384	2
New Britain	1374	3
New London	1364	4
Hartford	1341	5
Bridgeport	1312	6
Derby	1307	7
Putnam	1307	8
Naugatuck	1294	9
Meriden	1275	10
Sprague	1263	11
Bristol	1257	12
Windham	1239	13
East Hartford	1225	14
Torrington	1222	15
North Canaan	1209	16
Norwich	1208	17
Enfield	1192	18
New Haven	1183	19
Killingly	1172	20
Griswold	1169	21
Stafford	1166	22
Plymouth	1161	23
Preston	1157	24
West Haven	1156	25

2015 Distressed Municipalities

In town alphabetical order

	Total Scores
Ansonia	1384
Bridgeport	1312
Bristol	1257
Derby	1307
East Hartford	1225
Enfield	1192
Griswold	1169
Hartford	1341
Killingly	1172
Meriden	1275
Naugatuck	1294
New Britain	1374
New Haven	1183
New London	1364
North Canaan	1209
Norwich	1208
Plymouth	1161
Preston	1157
Putnam	1307
Sprague	1263
Stafford	1166
Torrington	1222
Waterbury	1407
West Haven	1156
Windham	1239

Prepared by DECD Research

8/25/2015



September 9, 2016

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
123 High Street
Mystic, Connecticut 06355
Application #1611
Eagle Project No. 16-014.10T8**

Dear Mr. Holmes:

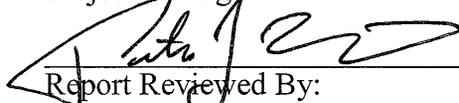
Please find the Environmental Assessment Report conducted at 123 High Street located in Mystic, Connecticut (Site). The environmental assessment was performed in support of the planned renovations/repairs to the Site building under the State of Connecticut Department of Housing Community Development 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 comprehensive lead-based paint inspection and risk assessment, 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:
Aaron E. Hatcher
Project Manager


Report Reviewed By:
Peter J. Folino
Principal

\\Eaglesvr\public\2016 Files\2016 Reports\Captial Studio Architects\Superstorm Sandy Disaster Recovery\123 High Street, Mystic\123 High St - Enviro Assessment Report.doc

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Appendix 3	XRF Lead-Based Paint Inspection Report
Appendix 4	Dust and Soil Sample Laboratory Reports
Appendix 5	Radon Testing Reports
Appendix 6	Mold Inspection Forms
Appendix 7	RCRA 8 Metals Laboratory Report
Appendix 8	Abatement and Consulting Cost Estimates
Appendix 9	Eagle Environmental Inc. Licenses and Laboratory Certificates

1. INTRODUCTION

On July 27, 2016, Eagle Environmental, Inc. conducted an environmental assessment of the site building located at 123 High Street in Mystic, Connecticut. The scope of the environmental assessment included an inspection for asbestos-containing materials that will be impacted during the proposed renovation work, lead-based paint inspection and risk assessment, Radon testing, soil 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 were determined by reviewing the planned renovation work provided in CSA's Project Scope dated June 10, 2016. For the purpose of this project the following areas were inspected:

- Basement
- Interior Rooms
- Exterior Facades
- Garage

In addition to testing the areas of the building that will be impacted by the renovation work, a comprehensive lead-based paint inspection and risk assessment 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 in Appendix 3.

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 Michelle Rudy; a State of Connecticut licensed Asbestos Inspector (license #000848).

2.2 Lead-based Paint Inspection

A lead-based paint inspection and risk assessment 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 \$25,000 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. 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 Hannah Hintz; a State of Connecticut licensed Lead Inspector/Risk Assessor (license #002244).

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 or will be elevated with its lowest level not in contact with the ground are not considered for Radon testing.

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

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

2.4 Mold Inspection

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

2.5 RCRA 8 Metals

The Resource Recovery and Conservation Act (RCRA) regulate and monitor a specific group of heavy metals that are generally identified as RCRA-8 Metals. The RCRA-8 heavy metals are Arsenic, Barium, Cadmium, Chromium, Lead, Mercury, Selenium and Silver. Sampling was performed to determine the presence or absence of the 8 RCRA

Metals within the proposed area dirt floor and to determine if any of the present constituents exceed the applicable Connecticut Department of Energy and Environmental Protection (CTDEEP) Remediation Standard Regulation (RSR) clean-up criteria. Metals that exceed applicable RSR criteria can have an impact on the handling and disposal process if found to be elevated above the EPA allowed limit.

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 123 High Street in 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 123 High Street in Mystic, Connecticut.

3.2 Lead-based Paint

The lead-based paint inspection 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 (greater than \$25,000 per unit), a comprehensive lead-based paint inspection was conducted. A visual inspection was performed to evaluate the condition of surface coating associated with the building. 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/cm². 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/cm² of lead by XRF.

3.3 Risk Assessment

The intent of the risk assessment is to determine the presence or absence of lead-based paint hazards and to suggest appropriate hazard control measures. The actual process of performing the risk assessment can be broken down into four (4) major components that include: 1) documentation of building and tenant data, including family use patterns, 2) a visual assessment of the integrity of painted surfaces, 3) environmental sampling and 4) lead hazard control options. The data collected from the first three components of the risk assessment will help the Risk Assessor identify the existence, nature, severity; source and location of lead-based paint hazards and will allow the Risk Assessor to provide options for controlling the lead hazards.

General

The visual assessment is conducted to locate potential lead-based paint hazards and to evaluate the magnitude of the hazard. The visual assessment identifies deteriorated painted surfaces, areas of visible dust accumulation, areas of bare soil, painted impact and friction surfaces and painted surfaces on which a child may have chewed. The information gathered during the visual inspection is used to determine where environmental samples are collected and preliminarily define the lead hazard controls or abatement efforts needed.

Conditions of Painted Surfaces

The Risk Assessor conducts a room-by-room examination of the painted surfaces in the dwelling, including the interior, common areas and exterior. Painted surfaces are rated as "intact" or "deteriorated" in accordance with the rating system described in Chapter 5 of the HUD Guidelines. Painted surfaces receiving a rating of "deteriorated" are considered lead hazards while painted surfaces rated as "intact" are not.

The visual assessment also evaluates factors that may have contributed to a surface receiving a "deteriorated" rating such as moisture and water damage. For the purpose of this lead-based paint risk assessment, paint containing a lead concentration of 1.0 mg/cm² or greater that is in "deteriorated" condition, is considered a lead hazard. Therefore, any component or surface identified in the Summary Report and receiving a condition rating of "deteriorated (D)" is considered a lead hazard.

Friction and Impact Surfaces

Friction surfaces are surfaces that have moveable parts and rub against one another when operated. Windows and doors are the most common sources of friction surfaces. The window jamb, window stops, window parting beads, and window sashes are components of a window system that rub against one another when operated. The portion of the interior window sill that rubs against the window sash when the window is closed is also

considered a friction surface. The impact point of the door where it strikes the door jamb and jamb stop is considered a friction surface.

Floors, stair treads, and window wells are examples of impact surfaces. Impact surfaces are surfaces that are subject to impact by other forces such as foot traffic on a painted floor. Both friction and impact surfaces may have varying degrees of damage depending on the use frequency. Friction and impact surfaces, if coated with lead based paint, generate lead dust due to the abrasion of the paint during usage.

Settled Dust Assessment

During the visual assessment, the Risk Assessor evaluates areas where settled dust may accumulate, such as on window sills and floors. Settled dust, if contaminated with lead, presents an exposure risk to children residing in the dwelling unit. Locations of lead-based paint throughout the building and family use patterns are some of the factors that the Risk Assessor takes into account when deciding where to perform dust sampling.

Soil Assessment

Areas of bare soil around the dwelling and within children's play areas may be contaminated with lead. The risk assessment evaluates the lead exposure potential from soil. For the purpose of this risk assessment, the yard surrounding the building is evaluated to determine if visible paint chips and/or bare soil areas are present

3.4 Radon Testing

Eagle Environmental, Inc. placed one (1) radon canister within the building. The canister was placed by Michelle Rudy on July 27, 2016 and was retrieved by Melinda Rohde on August 1, 2016. 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 nine 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.

3.5 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.

3.6 RCRA 8 Metals

Eagle Environmental, Inc. inspector collected one (1) discrete sample of the dirt floor soil and burnt ash to determine if RCRA-8 metals were present and if present do the concentrations exceed the EPA allowed limit. The sample was collected by utilizing a garden tool such as a plastic hand shovel or metal spade. The soil sample was placed into a sterilized lab supplied 4 oz. glass jar. The jar was labeled with permanent marker with the unique sample identification number and stored in a cooler with ice packs until relinquished to the laboratory under proper chain-of-custody.

4. INSPECTION RESULTS

4.1 Asbestos Containing Materials

During the course of the building inspection thirty-one (31) bulk samples of suspect ACM were collected and were analyzed by PLM. All suspect materials tested were confirmed to be non-ACM. The summary of non-asbestos materials is presented in Table II. The asbestos analysis laboratory report is provided in Appendix 2.

Any suspect material not specifically identified in this report as non-ACM and will be impacted during the proposed work at the site should be assumed to contain asbestos unless sample results prove it to be non-ACM.

4.2 Lead-based Paint Inspection Results

A total of five hundred fifty-one (551) XRF readings were collected during the lead-based paint inspection of the building. From the five hundred fifty-one (551) readings, two hundred fifty-three (253) were found to contain toxic levels of lead-based paint.

The general inventory of interior surfaces containing toxic levels lead-based paint include wood doors, door components, window components, crown molding, stair components, cabinet and closet components, fireplace mantles, walls, baseboards, floors, stored door and stored window.

The general inventory of exterior surfaces containing toxic levels of lead-based paint include wood low rim joist, clapboards, doors and door components, shutters, window components, upper trims, ceiling, overhangs, soffits, rake boards, brick and stone

foundation. In the garage, toxic levels of lead-based paint were found on the wood loft, ceiling, concrete foundation, wood door and ladder.

A complete inventory of tested building materials is presented in Detailed Reports contained Appendix 3.

Federal funding for this project is anticipated to be greater than \$25,000.00 per unit. All interior and exterior lead-based paint hazards must undergo permanent abatement procedures. 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 ($>0.0 \text{ mg/cm}^2$ +/- 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. Dust-lead hazards were identified in the following areas:

- Front Hall Floor at Entry
- Living Room Window Sill
- Kitchen Window Sill
- Front (child's) Bedroom Floor
- Rear (child's) Bedroom Window Sill

4.2.2 Soil Hazards

One (1) soil sample was collected at the time of inspection. Soil-lead hazards were identified in the following areas:

- Façade D at Drip Line

A copy of the dust and soil sample laboratory reports may be found in Appendix 4.

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)

The result of the Radon testing was 1.1 pCi/L, which is below the USEPA action level. No further action is required.

The Radon testing laboratory reports are provided in Appendix 5.

4.4 Mold

The homeowner advised the inspector that they regularly spray the Basement (003) ceiling with bleach to prevent mold growth. No suspect microbial growth or sporulation was observed on the Basement (003) ceiling; however suspect microbial sporulation was identified on the wood and stone walls and wood stairs. There was visible water staining on the wood stairs leading out of the Basement (003). Moisture build-up was evident on the brick chimney and dirt floor.

Within the Piano Room (008), peeling and cracking paint from previous water intrusion was present. The homeowner states that this damage was caused when the exterior clapboards were blown off during the storm. The homeowner has replaced the clapboards and stated there was no further water intrusion. No visible suspect microbial growth or sporulation was evident in the Piano Room.

There was no evidence of water intrusion, staining or damage on the ceilings or walls within the remaining rooms of the dwelling.

The mold inspection forms are provided in Appendix 6.

4.5 RCRA 8 METALS

One (1) soil sample for total RCRA-8 metals was collected from the dirt floor within the basement. The floor was potentially contaminated by coal ash of either coal according to the building owner or another type of contaminant. Sample results are as follows:

<u>Analytical Result</u>	<u>Residential Direct Exposure Criteria</u>
• Silver = 0.52 ppm	340 ppm
• Arsenic = 58.3 ppm	10 ppm
• Barium = 472 ppm	4700 ppm
• Cadmium = 2.11 ppm	34 ppm
• Chromium = 22.7 ppm	3900 ppm
• Mercury = 13.3 ppm	20 ppm

<u>Analytical Result</u>	<u>Residential Direct Exposure Criteria</u>
• Lead = 3180 ppm	400 ppm
• Selenium = 15.9 ppm	340 ppm

The sample results indicate that the arsenic and lead concentrations detected in the soil collected within the basement area exceed applicable CTDEEP Remediation Standard Regulation clearance criteria.

Management of the basement soil is addressed in the Lead-Based Paint Abatement Plan.

The RCRA-8 Metals Laboratory Report is 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 II

NON ASBESTOS-CONTAINING MATERIALS SUMMARY TABLE

TABLE II
NON - ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
SUPERSTORM SANDY DISASTER RECOVERY
123 HIGH STREET
MYSTIC, CONNECTICUT

SAMPLE LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS			
				PLM	PLM PC	TEM NOB	ACM
Room 001	Fiberboard ceiling/walls at stair base	07-27-MIR-01	MISC	NAD			NO
		07-27-MIR-02		NAD			
Rooms 001, 008, 013	Rough coat plaster	07-27-MIR-03	SURF	NAD			NO
		07-27-MIR-04		NAD			
		07-27-MIR-05		NAD			
		07-27-MIR-06		NAD			
		07-27-MIR-07		NAD			
Rooms 001, 008, 013	Smooth coat plaster	07-27-MIR-08	SURF	NAD			NO
		07-27-MIR-09		NAD			
Room 003	Concrete at column base	07-27-MIR-10	MISC	NAD			NO
Room 003	Debris on dirt floor	07-27-MIR-11	MISC	NAD			NO
		07-27-MIR-12		NAD			
Room 008	Textured ceiling paint - white	07-27-MIR-13	SURF	NAD			NO
		07-27-MIR-14		NAD			
		07-27-MIR-15		NAD			
Room 013	Gypsum backer board	07-27-MIR-16	MISC	NAD			NO
		07-27-MIR-17		NAD			
Room 009	6" x 6" Floor tile - green	07-27-MIR-18	MISC	NAD			NO
		07-27-MIR-19		NAD			
Room 009	6" x 6" Floor tile - white	07-27-MIR-20	MISC	NAD			NO
		07-27-MIR-21		NAD			
Room 009	Mastic associated with floor tile - brown	07-27-MIR-22	MISC	NAD			NO
		07-27-MIR-23		NAD			
Room 009	Felt paper backing - black	07-27-MIR-24	MISC	NAD			NO
		07-27-MIR-25		NAD			
KEY				ANALYTICAL METHODS			
DNA = DID NOT ANALYZE				PLM PC = EPA 600/R-93/116 QUANTITATION 400 POINT COUNT			
NAD=NO ASBESTOS DETECTED				TEM NOB = NEW YORK ELAP 198.4 METHOD			
F = FRIABLE				PLM = EPA 600/R-93/116			
NF = NON-FRIABLE				PS = Previously Sampled			
TSI = THERMAL SYSTEMS INSULATION				EA = Each			
SURF = SURFACING MATERIAL							
MISC = MISCELLANEOUS MATERIAL							
BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION							

TABLE II
NON - ASBESTOS CONTAINING MATERIALS
SUMMARY TABLE
SUPERSTORM SANDY DISASTER RECOVERY
123 HIGH STREET
MYSTIC, CONNECTICUT

SAMPLE LOCATION(S)	MATERIAL TYPE	SAMPLE NUMBER	CATEGORY	BULK SAMPLE ANALYSIS RESULTS			ACM
				PLM	PLM PC	TEM NOB	
Room 009	Linoleum flooring and mastic - brown	07-27-MIR-26	MISC	NAD			NO
		07-27-MIR-27		NAD			
Façade A - House	Brittle window glazing compound - tan	07-27-MIR-28	MISC	NAD			NO
		07-27-MIR-29		NAD			
Façade B - Garage	Brittle window glazing compound - cream	07-27-MIR-30	MISC	NAD			NO
		07-27-MIR-31		NAD			
KEY							
DNA = DID NOT ANALYZE							
NAD=NO ASBESTOS DETECTED							
F = FRIABLE							
NF = NON-FRIABLE							
TSI = THERMAL SYSTEMS INSULATION							
SURF = SURFACING MATERIAL							
MISC = MISCELLANEOUS MATERIAL							
				ANALYTICAL METHODS			
PLM PC = EPA 600/R-93/116 QUANTITATION 400 POINT COUNT							
TEM NOB = NEW YORK ELAP 198.4 METHOD							
PLM = EPA 600/R-93/116							
PS = Previously Sampled							
EA = Each							
BOLD TEXT IN "LOCATION" COLUMN INDICATES SAMPLE LOCATION							

APPENDIX 1
FLOOR PLANS

SIDE-C

KEY:

7-27-MIR
SOIL ##

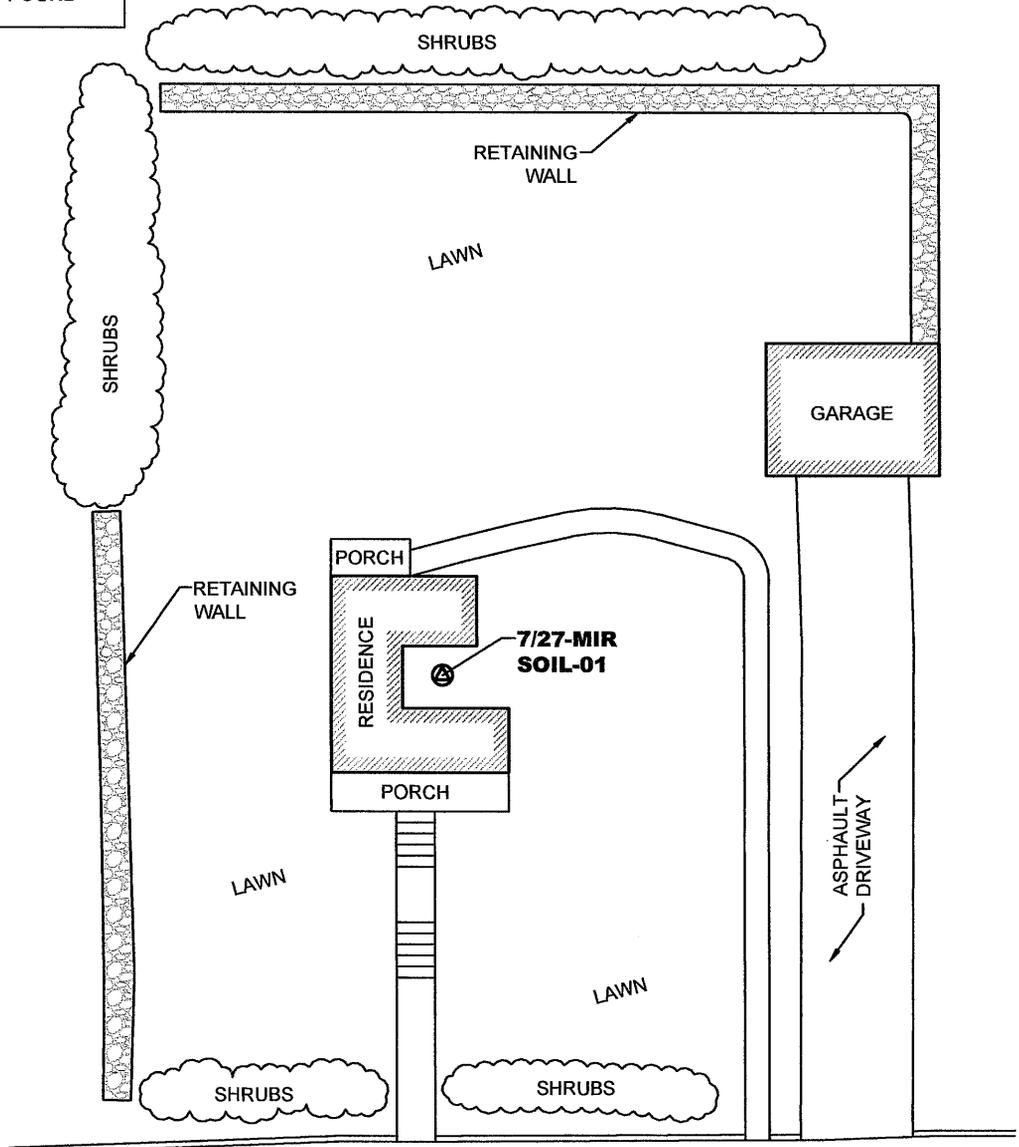
=SOIL SAMPLE
LOCATION AND
NUMBER



BOLD TEXT INDICATES A
SOIL-LEAD HAZARD FOUND

SIDE-B

SIDE-D



SITE PLAN

NOT TO SCALE

SIDE-A (STREET SIDE)



EAGLE
Environmental, Inc.

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

SHEET NO.

SP-1

SHEET 1 OF 4

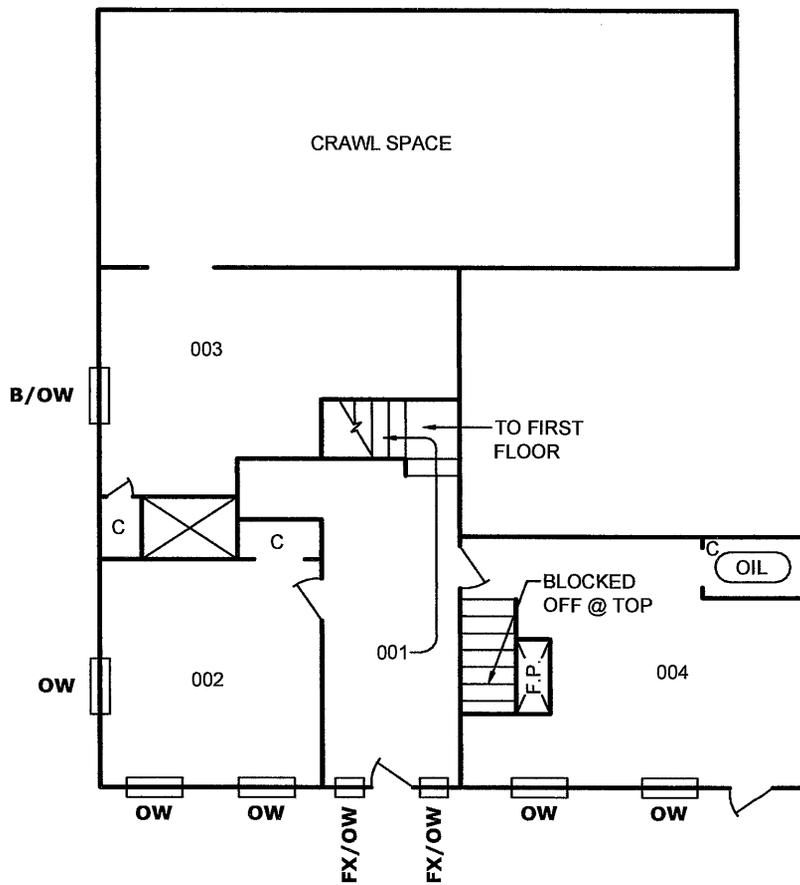
DATE: 08/23/2016
PROJECT NO.: 16-014.10T8
DRAWN BY: BB
REVIEWED BY: AH

ENVIRONMENTAL ASSESSMENT
CAPITAL STUDIO ARCHITECTS
123 HIGH STREET
MYSTIC, CONNECTICUT

SIDE-C

WINDOW KEY:

- B** BASEMENT
- FX** FIXED
- CS** CASEMENT
- OW** ORIGINAL OR OLDER WOOD



SIDE-D

SIDE-B

BASEMENT

C = CLOSET EVALUATED WITH ADJACENT ROOM

NOT TO SCALE

SIDE-A (STREET SIDE)



EAGLE
Environmental, Inc.

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

SHEET NO.

FP-1

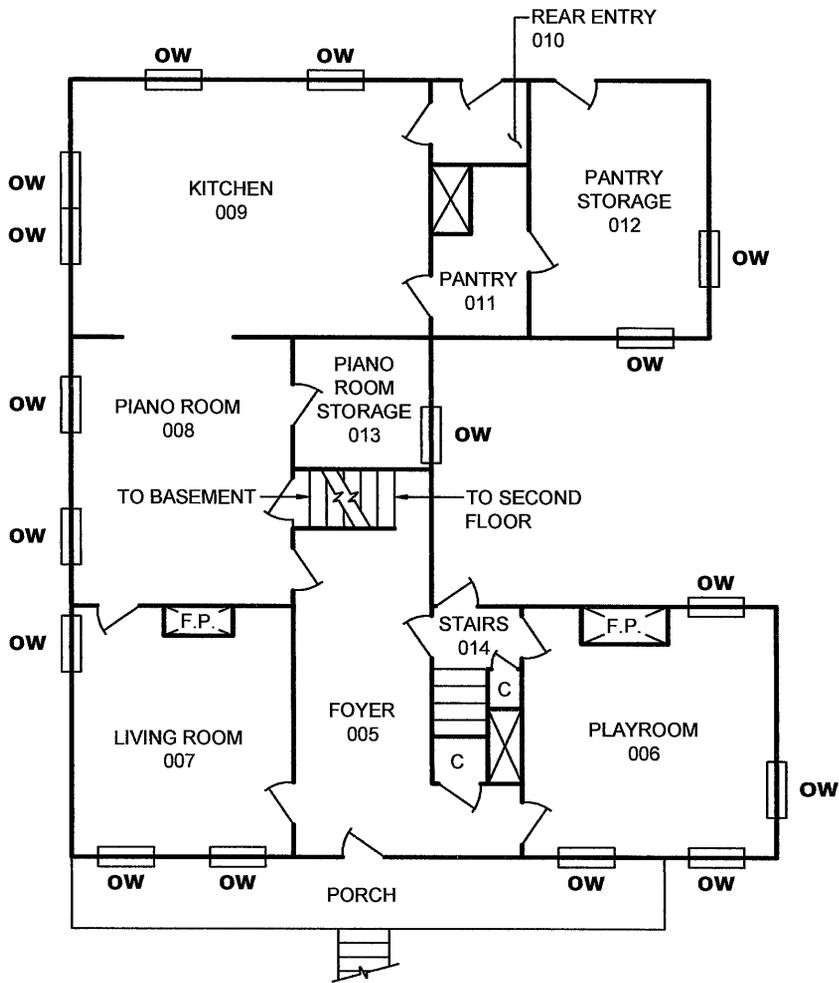
SHEET 20F 4

DATE: 08/23/2016
PROJECT NO.: 16-014.10T8
DRAWN BY: BB
REVIEWED BY: AH

ENVIROMENTAL ASSESSMENT
CAPITAL STUDIO ARCHITECTS
123 HIGH STREET
MYSTIC, CONNECTICUT

WINDOW KEY:

- B** BASEMENT
- FX** FIXED
- CS** CASEMENT
- OW** ORIGINAL OR OLDER WOOD



FIRST FLOOR

C = CLOSET EVALUATED WITH ADJACENT ROOM

NOT TO SCALE

SIDE-A (STREET SIDE)



EAGLE
Environmental, Inc.

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

SHEET NO.

FP-2

SHEET 3 OF 4

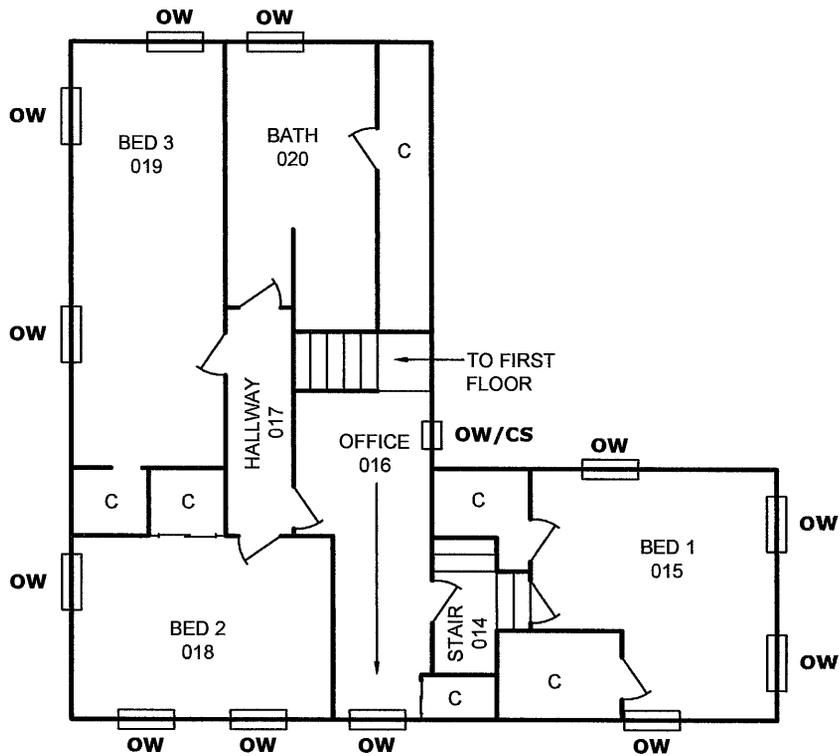
DATE: 08/23/2016
PROJECT NO.: 16-014.10T8
DRAWN BY: BB
REVIEWED BY: AH

ENVIRONMENTAL ASSESSMENT
CAPITAL STUDIO ARCHITECTS
123 HIGH STREET
MYSTIC, CONNECTICUT

SIDE-C

WINDOW KEY:

- B** BASEMENT
- FX** FIXED
- CS** CASEMENT
- OW** ORIGINAL OR OLDER WOOD



SIDE-B

SIDE-D

SECOND FLOOR

C = CLOSET EVALUATED WITH ADJACENT ROOM

NOT TO SCALE

SIDE-A (STREET SIDE)



EAGLE
Environmental, Inc.

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

SHEET NO.

FP-3

SHEET 4 OF 4

DATE: 08/23/2016
PROJECT NO.: 16-014.10T8
DRAWN BY: BB
REVIEWED BY: AH

ENVIRONMENTAL ASSESSMENT
CAPITAL STUDIO ARCHITECTS
123 HIGH STREET
MYSTIC, CONNECTICUT

APPENDIX 2

ASBESTOS BULK SAMPLE LABORATORY REPORTS



EMSL ANALYTICAL, INC.

Chain of Custody

EMSL Order Number (Lab Use Only): 031622760
 Additional Analysis Request
 EMSL Order Number

EMSL CT EMSL NYC EMSL Corporate
 29 N. Plains Hwy, # 4 307 West 38th Street 200 Route 130 North
 Wallingford, CT 06492 New York, NY 10018 Cinnaminson, NJ 08077
 Phone: 203-284-5948 Phone: 212-290-0051 Phone: 800-220-3675

Eagle Environmental, Inc. EMSL Acct # EEVM50 Project Manager: Aaron Hatcher Proj #: 16-014.10T8
 8 South Main Street, Suite 3, Terryville, CT 06786 Project: CSA - SSS - 123 High St - Mystic
 Report To: Brandy LeBlanc Phone: 860-589-8257 US State Collected: CT CT Samples: Commercial/Taxable Residential/Tax Exempt
 Email All Results to: bleblanc@eagleenviro.com Samples Collected by (Name): Michelle Rudy
 rsloch@eagleenviro.com dwyne@eagleenviro.com Signature: [Signature] Date(s) Collected: 07/27/2016
 Additional Contacts to Receive Email Results:
 Verbal Results: Contact Name and Phone #:

Turnaround Time (TAT) Options - Please Check Box Below <24 HR TAT's Call Ahead to Confirm Lab Availability.
 Not all TAT options are valid for every test (7402, PLM NOB & 400 PC w/Gravimetric Reduction, TEM NOB, Culturable Fungi)

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week
 Based on the turnaround time selected above, it is our belief that results are due on or before this Date & Time:

Asbestos	Lead (Pb) Flame Atomic Absorption	Microbiology
TEM: Air <input type="checkbox"/> 4 - 4.5 Hour Turnaround Time (AHERA ONLY) <input type="checkbox"/> AHERA 40 CFR, Part 763, Sub E <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II PLM: Bulk <input checked="" type="checkbox"/> 600/R-93/116 <input type="checkbox"/> PLM NOB w/Gravimetric Reduction <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 400 Point Count w/Gravimetric Reduction TEM: Bulk <input type="checkbox"/> TEM EPA NOB TEM: Dust <input type="checkbox"/> ASTM Microvac <input type="checkbox"/> ASTM Wipe <input type="checkbox"/> Qualitative Other:	<input type="checkbox"/> Air: NIOSH 7082 RL: 4µg/filter <input type="checkbox"/> Soil: SW846-7000B RL: 40 mg/kg (ppm) Chips: SW846-7000B RL: 0.01% <input type="checkbox"/> % by weight <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm Wipe: SW846-7000B RL: 10 µg/wipe <input type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <small>Assumed non ASTM if no box is checked</small> Other:	Air Samples <input type="checkbox"/> Fungi (Spore Trap) Allergenco-D Test: M032 <input type="checkbox"/> Fungi Culturable Genus Level ID Test: M005 Swab, Tape Lift, Bulk Samples <input type="checkbox"/> Mold & Fungi Direct Exam Test: M041 <input type="checkbox"/> Fungi Culturable Test: M007 (No Tape Lifts) Other:

Eagle Lab Instructions/Comments:
 Asbestos: Air - Do Not Analyze Outsides or Blanks Unless Authorized by Eagle Bulk - Please Stop on First Positive Within Sets
 Lead:
 Microbiology:

Sample #	I/O HA#	Sample Description	Sample Location	Volume (L) Area Sampled	Date/Time Sampled
07-27-MIR-01		Fiberboard ceiling/walls at stair base	Room 001	NAD	
07-27-MIR-02		Fiberboard ceiling/walls at stair base	Room 001		
07-27-MIR-03		Rough coat plaster	Room 001		
07-27-MIR-04		Rough coat plaster	Room 008		
07-27-MIR-05		Rough coat plaster	Room 013		
07-27-MIR-06		Smooth coat plaster	Room 001		
07-27-MIR-07		Smooth coat plaster	Room 008		
07-27-MIR-08		Smooth coat plaster	Room 013		
07-27-MIR-09		Concrete at column base	Room 003		
07-27-MIR-10		Concrete at column base	Room 003		
07-27-MIR-11		Debris on dirt floor	Room 003		
07-27-MIR-12		Debris on dirt floor	Room 003		
07-27-MIR-13		Textured ceiling paint - white	Room 008		
07-27-MIR-14		Textured ceiling paint - white	Room 008		
07-27-MIR-15		Textured ceiling paint - white	Room 008		

Client Sample #'s 07-27-MIR-01 - 31 Total # of Samples: 31
 Relinquished (Client): [Signature] Date: 8/1/16 Time:
 Received (Lab): Date: Time:
 Relinquished: [Signature] Date: 8/1/16 Time: PM
 Received: [Signature] Date: 8/2/16 Time: 10:45A

Emily Myint 8-3-16 10:32A

7768 8898 7364 Page 1 of 2

Chain of Custody



EMSL Order Number (Lab Use Only):	031622760
Additional Analysis Request	
EMSL Order Number	

EMSL ANALYTICAL, INC.

<input type="checkbox"/> EMSL CT 29 N. Plains Hwy, # 4 Wallingford, CT 06492 Phone: 203-284-5948	<input type="checkbox"/> EMSL NYC 307 West 38th Street New York, NY 10018 Phone: 212-290-0051	<input type="checkbox"/> EMSL Corporate 200 Route 130 North Cinnaminson, NJ 08077 Phone: 800-220-3675
---	--	--

Sample #	I/O HA#	Sample Description	Sample Location	Volume (L) Area Sampled	Date/Time Sampled
07-27-MIR-16	} set	Gypsum backer board	Room 013	NAD	
07-27-MIR-17		Gypsum backer board	Room 013		
07-27-MIR-18	} set	6" x 6" Floor tile - green	Room 009		
07-27-MIR-19		6" x 6" Floor tile - green	Room 009		
07-27-MIR-20	} set	6" x 6" Floor tile - white	Room 009		
07-27-MIR-21		6" x 6" Floor tile - white	Room 009		
07-27-MIR-22	} set	Mastic associated with floor tile - brown	Room 009		
07-27-MIR-23		Mastic associated with floor tile - brown	Room 009		
07-27-MIR-24	} set	Felt paper backing - black	Room 009		
07-27-MIR-25		Felt paper backing - black	Room 009		
07-27-MIR-26	} set	Linoleum flooring and mastic - brown	Room 009		
07-27-MIR-27		Linoleum flooring and mastic - brown	Room 009		
07-27-MIR-28	} set	Brittle window glazing compound - tan	Façade A - House		
07-27-MIR-29		Brittle window glazing compound - tan	Façade A - House		
07-27-MIR-30	} set	Brittle window glazing compound - crm	Façade B - Garage		
07-27-MIR-31		Brittle window glazing compound - crm	Façade B - Garage		

OC 8/3/16
3:16 AM

EMSL MANHATTAN LAB
RECEIVED
16 AUG - 2 AM 10:45

Emily Myint 8-3-16 1032A

Jan 8/2/16 10:45A

**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: 031622760
 CustomerID: EEVM50
 CustomerPO:
 ProjectID:

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

Phone: (860) 589-8257
 Fax: (860) 585-7034
 Received: 08/02/16 10:45 AM
 Analysis Date: 8/3/2016
 Collected: 7/27/2016

Project: 16-014.10T8/ CSA-SSS-123 HIGH ST-MYSTIC, CT

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-27-MIR-01 031622760-0001	ROOM 001 - FIBERBOARD CEILING/ WALLS AT STAIR BASE	Brown/White Fibrous Homogeneous	88% Cellulose	12% Non-fibrous (other)	None Detected
07-27-MIR-02 031622760-0002	ROOM 001 - FIBERBOARD CEILING/ WALLS AT STAIR BASE	Brown Fibrous Homogeneous	85% Cellulose	15% Non-fibrous (other)	None Detected
07-27-MIR-03 031622760-0003	ROOM 001 - ROUGH COAT PLASTER	Gray Non-Fibrous Homogeneous		23% Quartz 44% Gypsum 12% Perlite 21% Non-fibrous (other)	None Detected
07-27-MIR-04 031622760-0004	ROOM 008 - ROUGH COAT PLASTER	Gray Non-Fibrous Homogeneous		20% Quartz 40% Gypsum 14% Perlite 26% Non-fibrous (other)	None Detected
07-27-MIR-05 031622760-0005	ROOM 013 - ROUGH COAT PLASTER	Gray Non-Fibrous Homogeneous		45% Quartz 30% Gypsum 25% Non-fibrous (other)	None Detected
07-27-MIR-06 031622760-0006	ROOM 001 - SMOOTH COAT PLASTER	Tan Non-Fibrous Homogeneous		44% Gypsum 34% Ca Carbonate 22% Non-fibrous (other)	None Detected
07-27-MIR-07 031622760-0007	ROOM 008 - SMOOTH COAT PLASTER	White Non-Fibrous Homogeneous		25% Gypsum 42% Ca Carbonate 33% 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 08/03/2016 10:59:24

**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: 031622760
 CustomerID: EEVM50
 CustomerPO:
 ProjectID:

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

Phone: (860) 589-8257
 Fax: (860) 585-7034
 Received: 08/02/16 10:45 AM
 Analysis Date: 8/3/2016
 Collected: 7/27/2016

Project: 16-014.10T8/ CSA-SSS-123 HIGH ST-MYSTIC, CT

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-27-MIR-08 031622760-0008	ROOM 013 - SMOOTH COAT PLASTER	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (other)	None Detected
07-27-MIR-09 031622760-0009	ROOM 003 - CONCRETE AT COLUMN BASE	Tan Non-Fibrous Homogeneous		40% Quartz 33% Ca Carbonate 27% Non-fibrous (other)	None Detected
07-27-MIR-10 031622760-0010	ROOM 003 - CONCRETE AT COLUMN BASE	Tan Non-Fibrous Homogeneous		45% Quartz 35% Gypsum 20% Non-fibrous (other)	None Detected
07-27-MIR-11 031622760-0011	ROOM 003 - DEBRIS ON DIRT FLOOR	Brown Non-Fibrous Homogeneous		23% Quartz 44% Gypsum 12% Ca Carbonate 21% Non-fibrous (other)	None Detected
07-27-MIR-12 031622760-0012	ROOM 003 - DEBRIS ON DIRT FLOOR	Gray Non-Fibrous Homogeneous		40% Quartz 35% Gypsum 25% Non-fibrous (other)	None Detected
07-27-MIR-13 031622760-0013	ROOM 008 - TEXTURED CEILING PAINT-WHITE	Tan/White Non-Fibrous Homogeneous		40% Quartz 23% Ca Carbonate 37% Non-fibrous (other)	None Detected
07-27-MIR-14 031622760-0014	ROOM 008 - TEXTURED CEILING PAINT-WHITE	Tan Non-Fibrous Homogeneous		45% Quartz 22% Ca Carbonate 33% 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 08/03/2016 10:59:24

**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: 031622760
 CustomerID: EEVM50
 CustomerPO:
 ProjectID:

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

Phone: (860) 589-8257
 Fax: (860) 585-7034
 Received: 08/02/16 10:45 AM
 Analysis Date: 8/3/2016
 Collected: 7/27/2016

Project: 16-014.10T8/ CSA-SSS-123 HIGH ST-MYSTIC, CT

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-27-MIR-15 031622760-0015	ROOM 008 - TEXTURED CEILING PAINT-WHITE	Tan Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (other)	None Detected
07-27-MIR-16 031622760-0016	ROOM 013 - GYPSUM BACKER BOARD	Gray Non-Fibrous Homogeneous	6% Cellulose	74% Gypsum 20% Non-fibrous (other)	None Detected
07-27-MIR-17 031622760-0017	ROOM 013 - GYPSUM BACKER BOARD	Brown/Gray Non-Fibrous Homogeneous	15% Cellulose	60% Gypsum 25% Non-fibrous (other)	None Detected
07-27-MIR-18 031622760-0018	ROOM 009 - 6" X 6" FLOOR TILE-GREEN	Green Non-Fibrous Homogeneous	3% Cellulose	22% Gypsum 15% Ca Carbonate 60% Non-fibrous (other)	None Detected
07-27-MIR-19 031622760-0019	ROOM 009 - 6" X 6" FLOOR TILE-GREEN	Green Non-Fibrous Homogeneous		45% Ca Carbonate 40% Matrix 15% Non-fibrous (other)	None Detected
07-27-MIR-20 031622760-0020	ROOM 009 - 6" X 6" FLOOR TILE-WHITE	White Non-Fibrous Homogeneous	4% Cellulose	52% Gypsum 44% Non-fibrous (other)	None Detected
07-27-MIR-21 031622760-0021	ROOM 009 - 6" X 6" FLOOR TILE-WHITE	Tan Non-Fibrous Homogeneous		50% Ca Carbonate 35% Matrix 15% Non-fibrous (other)	None Detected
07-27-MIR-22 031622760-0022	ROOM 009 - MASTIC ASSOCIATED WITH FLOOR TILE-BROWN	Brown Non-Fibrous Homogeneous	22% Cellulose	55% Matrix 23% 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 08/03/2016 10:59:24

**EMSL Analytical, Inc.**

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Phone/Fax: (212) 290-0051 / (212) 290-0058

<http://www.EMSL.com>manhattanlab@emsl.com

EMSL Order:	031622760
CustomerID:	EEVM50
CustomerPO:	
ProjectID:	

Attn: **Aaron Hatcher**
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8 South Main Street
Suite 3
Terryville, CT 06786

Phone: (860) 589-8257
 Fax: (860) 585-7034
 Received: 08/02/16 10:45 AM
 Analysis Date: 8/3/2016
 Collected: 7/27/2016

Project: 16-014.10T8/ CSA-SSS-123 HIGH ST-MYSTIC, CT

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-27-MIR-23 031622760-0023	ROOM 009 - MASTIC ASSOCIATED WITH FLOOR TILE-BROWN	Brown Non-Fibrous Homogeneous	8% Cellulose	82% Matrix 10% Non-fibrous (other)	None Detected
07-27-MIR-24 031622760-0024	ROOM 009 - FELT PAPER BACKING-BLACK	Brown Fibrous Homogeneous	75% Cellulose	25% Non-fibrous (other)	None Detected
07-27-MIR-25 031622760-0025	ROOM 009 - FELT PAPER BACKING-BLACK	Black Fibrous Homogeneous	85% Cellulose	15% Matrix 0% Non-fibrous (other)	None Detected
07-27-MIR-26 031622760-0026	ROOM 009 - LINOLEUM FLOORING AND MASTIC-BROWN	Brown Fibrous Homogeneous	25% Cellulose	44% Matrix 31% Non-fibrous (other)	None Detected
07-27-MIR-27 031622760-0027	ROOM 009 - LINOLEUM FLOORING AND MASTIC-BROWN	Black Fibrous Homogeneous	80% Cellulose	20% Matrix 0% Non-fibrous (other)	None Detected
07-27-MIR-28 031622760-0028	FACACE A-HOUSE - BRITTLE WINDOW GLAZING COMPOUND-TAN	Tan Non-Fibrous Homogeneous		3% Quartz 44% Ca Carbonate 53% Non-fibrous (other)	None Detected
07-27-MIR-29 031622760-0029	FACACE A-HOUSE - BRITTLE WINDOW GLAZING COMPOUND-TAN	Gray Non-Fibrous Homogeneous		25% Ca Carbonate 75% Non-fibrous (other)	None Detected

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Initial report from 08/03/2016 10:59:24

**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:	031622760
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ProjectID:	

Attn: **Aaron Hatcher**
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Suite 3
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Phone: (860) 589-8257
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 Received: 08/02/16 10:45 AM
 Analysis Date: 8/3/2016
 Collected: 7/27/2016

Project: 16-014.10T8/ CSA-SSS-123 HIGH ST-MYSTIC, CT

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
07-27-MIR-30 031622760-0030	FACACE B-GARAGE - BRITTLE WINDOW GLAZING COMPOUND-CRM	Tan Non-Fibrous Homogeneous		6% Quartz 53% Ca Carbonate 41% Non-fibrous (other)	None Detected
07-27-MIR-31 031622760-0031	FACACE B-GARAGE - BRITTLE WINDOW GLAZING COMPOUND-CRM	Gray Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (other)	None Detected

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Initial report from 08/03/2016 10:59:24



EMSL Analytical, Inc.

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Received: 08/02/16 10:45 AM
Analysis Date: 8/3/2016
Collected: 7/27/2016

Project: 16-014.10T8/ CSA-SSS-123 HIGH ST-MYSTIC, 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:: 8/2/2016 Sample Receipt Time: 10:45 AM
Analysis Completed Date: 8/3/2016 Analysis Completed Time: 10:29 AM

Analyst(s):

Deen Liang PLM (17)

Emily Myint PLM (14)

Samples reviewed and approved by:

James Hall, Laboratory Manager
or other approved signatory

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Initial report from 08/03/2016 10:59:24

APPENDIX 3

XRF LEAD-BASED PAINT INSPECTION REPORTS

LEAD PAINT INSPECTION REPORT

REPORT NUMBER: S#02753 - 07/27/16 10:41

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

PERFORMED AT: 123 High Street
Mystic, Connecticut

INSPECTION DATE: 07/27/16

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

ACTION LEVEL: 1.0 mg/cm²

OPERATOR LICENSE: 002244

**Comprehensive lead-based paint inspection for the interiors
and exteriors at 123 High Street in Mystic, Connecticut**

SIGNED: 

Date: 8/25/16

Hannah Hintz
Lead Inspector / Risk Assessor
Eagle Environmental, Inc.
8 South Main Street, Suite 3
Terryville, CT 06786

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Inspection Date: 07/27/16 123 High Street
 Report Date: 8/25/2016 Mystic, Connecticut
 Abatement Level: 1.0
 Report No. S#02753 - 07/27/16 10:41
 Total Readings: 551 Actionable: 253
 Job Started: 07/27/16 10:41
 Job Finished: 07/27/16 16:40

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
Exterior Room 001 Facade A									
482	A	Low Rim jois	Ctr		D	Wood	White	1.7	QM
462	A	Clapboard	Rgt		D	Wood	White	>9.9	QM
463	A	Shutters	Rgt		D	Wood	green	2.7	QM
483	A	Foundation	Rgt		D	Brick	Gray	>9.9	QM
489	A	Window	Lft	Lintels	D	Wood	White	>9.9	QM
464	A	Window	Rgt	Casing	D	Wood	White	5.5	QM
484	A	Door	Rgt	Casing	D	Wood	White	8.4	QM
485	A	Door	Rgt	Threshold	D	Wood	Gray	>9.9	QM
Exterior Room 002 Facade B									
510	B	Clapboard	Lft		D	Wood	White	3.6	QM
511	B	Foundation	Lft		D	Stone	White	1.8	QM
486	B	Foundation	Rgt		D	Brick	Gray	>9.9	QM
487	B	Window	Rgt	Casing	D	Wood	White	8.1	QM
488	B	Window	Rgt	Lintels	D	Wood	White	5.9	QM
Exterior Room 003 Facade C									
497	C	Clapboard	Lft		D	Wood	White	3.5	QM
503	C	Overhang	Rgt	Ceiling	D	Wood	Blue	4.8	QM
505	C	Overhang	Rgt	Beam	D	Wood	White	4.4	QM
498	C	Door	Rgt	Casing	D	Wood	White	3.4	QM
499	C	Door	Rgt		D	Wood	White	>9.9	QM
500	C	Door	Rgt	Jamb	D	Wood	White	4.4	QM
502	C	Door	Rgt	Kickplate	D	Wood	White	4.7	QM
Exterior Room 004 Facade D									
491	D	Foundation	Lft		D	Brick	Gray	>9.9	QM
492	D	Clapboard	Lft		D	Wood	White	3.2	QM
494	D	Foundation	Lft		D	Stone	Gray	1.0	QM
495	D	Soffits	Rgt		D	Wood	White	>9.9	QM
496	D	Rake Board	Rgt		D	Wood	White	>9.9	QM
493	D	Window	Lft	Casing	D	Wood	White	1.6	QM
Exterior Room 005 Porch A									
466	A	Upper trim	Rgt		D	Wood	White	>9.9	QM
465	A	Ceiling	Rgt		D	Wood	Blue	7.0	QM
472	A	Door	Ctr	Win. Sash	D	Wood	White	>9.9	QM
473	A	Door	Ctr	Threshold	D	Wood	Gray	3.1	QM
474	A	Door	Ctr		D	Wood	White	9.2	QM
475	A	Door	Ctr	Stop	D	Wood	White	>9.9	QM

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
467	A	Column	Rgt		D	Wood	White	1.7	QM
Exterior Room 006 Garage									
517	A	Soffits	Lft		D	Wood	White	7.3	QM
514	A	Door	Lft	Casing	D	Wood	White	2.2	QM
515	A	Door	Lft	Header	D	Wood	White	2.8	QM
524	B	Shutters	Lft		D	Wood	green	2.6	QM
519	B	Clapboard	Rgt		D	Wood	White	>9.9	QM
520	B	Rakeboard	Rgt		D	Wood	White	>9.9	QM
523	B	Soffits	Rgt		D	Wood	White	9.1	QM
525	B	Window	Lft	Casings	D	Wood	White	4.4	QM
526	B	Window	Lft	Sash	D	Wood	White	8.6	QM
521	B	Door	Rgt	Casing	D	Wood	White	>9.9	QM
522	B	Door	Rgt		D	Wood	White	1.8	QM
528	C	Clapboard	Rgt		D	Wood	White	8.0	QM
529	C	Shutters	Rgt		D	Wood	green	1.3	QM
533	C	Window	Lft	Sash	D	Wood	White	5.5	QM
531	C	Window	Rgt	Sash	D	Wood	White	3.6	QM
534	D	Clapboard	Lft		D	Wood	White	8.6	QM
Interior Room 001 001									
013	A	Window	Rgt	Panel	D	Wood	Beige	>9.9	QM
014	A	Window	Rgt	Sash	D	Wood	Beige	>9.9	QM
015	A	Door	Ctr	Casing	D	Wood	Beige	>9.9	QM
016	A	Door	Ctr	Jamb	D	Wood	White	4.6	QM
017	A	Door	Ctr	Stop	D	Wood	White	7.1	QM
018	A	Door	Ctr	Threshold	D	Wood	Gray	>9.9	QM
019	A	Door	Ctr		D	Wood	White	3.6	QM
020	A	Door	Ctr		D	Wood	Beige	>9.9	QM
034	B	Door	Rgt		D	Wood	White	>9.9	QM
028	B	Stairs	Rgt	Stringers	D	Wood	Beige	>9.9	QM
029	B	Stairs	Rgt	Corne guard	D	Wood	Beige	>9.9	QM
030	B	Stairs	Rgt	Risers	D	Wood	Beige	>9.9	QM
035	C	Crown Mldg	Lft		I	Wood	Beige	>9.9	QM
023	D	Door	Ctr	Casing	D	Wood	Beige	>9.9	QM
024	D	Door	Ctr	Stop	D	Wood	Beige	>9.9	QM
025	D	Door	Ctr	Jamb	D	Wood	Beige	>9.9	QM
026	D	Door	Ctr		D	Wood	Beige	>9.9	QM
Interior Room 002 002									
059	A	Stored door	Lft		D	Wood	White	>9.9	QM
060	A	Stored windo	Lft		D	Wood	White	3.0	QM
058	A	Window	Lft	Sash	D	Wood	green	>9.9	QM
044	A	Window	Rgt	Casing	D	Wood	green	>9.9	QM
045	A	Window	Rgt	Stop	D	Wood	green	>9.9	QM
048	A	Window	Rgt	Sash	D	Wood	green	>9.9	QM
047	A	Window	Rgt	Apron	D	Wood	green	>9.9	QM
046	A	Window	Rgt	Sill	D	Wood	green	>9.9	QM
049	B	Window	Lft	Sash	D	Wood	green	>9.9	QM

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
051	C	Cabinet	Lft	Door	D	Wood	green	>9.9	QM
052	C	Cabinet	Lft	Casing	D	Wood	green	>9.9	QM
053	C	Cabinet	Lft	Shelf	D	Wood	Gray	>9.9	QM
054	C	Fire place	Ctr		D	Wood	green	>9.9	QM
066	C	Closet	Rgt	Cabinet	D	Wood	green	>9.9	QM
068	C	Closet	Rgt	Door Casing	D	Wood	green	>9.9	QM
067	C	Closet	Rgt	Door Jamb	D	Wood	green	>9.9	QM
069	D	Door	Lft	Casing	D	Wood	green	>9.9	QM
070	D	Door	Lft		D	Wood	green	>9.9	QM
071	D	Door	Lft	Jamb	D	Wood	Beige	>9.9	QM
072	D	Door	Lft	Stop	D	Wood	Beige	>9.9	QM
Interior Room 003 003									
076	A	Shelf	Ctr		D	Wood	Beige	5.1	QM
074	A	Wall	Lft	on lath	D	Wood	Beige	1.4	QM
089	A	Door	Lft	Stop	D	Wood	White	>9.9	QM
081	B	Wall	Ctr		D	Stone	White	1.3	QM
084	B	Window	Ctr	Casing	D	Wood	White	2.5	QM
083	B	Window	Ctr	Sash	D	Wood	White	4.9	QM
087	C	Window	Ctr	Casing	D	Wood	White	2.0	QM
Interior Room 004 004									
092	A	Wall	Rgt		D	Fiberboard	Yellow	5.0	QM
105	A	Window	Lft	Casing	D	Wood	White	>9.9	QM
106	A	Window	Lft	Stop	D	Wood	White	>9.9	QM
109	A	Window	Lft	Sash	D	Wood	White	>9.9	QM
108	A	Window	Lft	Apron	D	Wood	White	>9.9	QM
107	A	Window	Lft	Sill	D	Wood	White	>9.9	QM
110	A	Window	Rgt	Sash	D	Wood	White	>9.9	QM
100	A	Door	Lft	Casing	D	Wood	White	8.9	QM
101	A	Door	Lft		D	Wood	White	4.8	QM
095	A	Stairs	Rgt	Wall	D	Plaster	Beige	>9.9	QM
096	A	Stairs	Rgt	Wall	D	Wood	Beige	>9.9	QM
093	A	Stairs	Rgt	Treads	D	Wood	brown	>9.9	QM
118	B	Fireplace	Ctr		D	Wood	White	>9.9	QM
126	B	Stored windo	Ctr		I	Wood	White	2.7	QM
127	B	Door	Rgt	Casing	D	Wood	Beige	>9.9	QM
128	B	Door	Rgt	Jamb	D	Wood	Beige	>9.9	QM
129	B	Door	Rgt		D	Wood	Beige	>9.9	QM
125	B	Closet	Ctr	Door Casing	I	Wood	White	>9.9	QM
115	C	Wall	Ctr	Cornerguard	D	Wood	Yellow	5.3	QM
Interior Room 005 Foyer									
137	A	Door	Ctr	Casing	I	Wood	White	>9.9	QM
138	A	Door	Ctr	Jamb	D	Wood	White	>9.9	QM
139	A	Door	Ctr	Stop	D	Wood	White	2.8	QM
140	A	Door	Ctr		D	Wood	White	8.0	QM
141	A	Door	Ctr	Threshold	D	Wood	Gray	2.7	QM
153	C	Stairs	Lft	Stringers	D	Wood	White	>9.9	QM

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
151	C	Closet	Rgt	Door	D	Wood	White	>9.9	QM
150	C	Closet	Rgt	Door Jamb	D	Wood	White	>9.9	QM
135	D	Baseboard	Ctr		D	Wood	White	>9.9	QM
142	D	Door	Lft	Casing	D	Wood	White	9.3	QM
143	D	Door	Lft	Jamb	D	Wood	White	>9.9	QM
144	D	Door	Lft		I	Wood	White	5.2	QM
Interior Room 006 Playroom									
159	A	Wall	Lft		I	Plaster	Beige	9.5	QM
172	A	Window	Lft	Sash	D	Wood	White	>9.9	QM
173	A	Window	Rgt	Sash	D	Wood	White	>9.9	QM
160	B	Wall	Lft		I	Plaster	Beige	7.0	QM
171	B	Window	Ctr	Sash	D	Wood	White	>9.9	QM
175	B	Door	Lft	Casing	I	Wood	White	>9.9	QM
176	B	Door	Lft	Jamb	I	Wood	White	>9.9	QM
177	B	Door	Lft		I	Wood	White	>9.9	QM
174	C	Fire place	Ctr		I	Wood	White	1.0	QM
161	C	Wall	Lft		I	Plaster	Beige	5.8	QM
165	C	Window	Rgt	Casing	I	Wood	White	>9.9	QM
166	C	Window	Rgt	Stop	D	Wood	White	>9.9	QM
169	C	Window	Rgt	Paneling	D	Wood	White	>9.9	QM
167	C	Window	Rgt	Sash	D	Wood	White	>9.9	QM
168	C	Window	Rgt	Sill	D	Wood	White	>9.9	QM
162	D	Wall	Ctr		I	Plaster	Beige	8.7	QM
163	D	Baseboard	Ctr		I	Wood	White	>9.9	QM
Interior Room 007 Living Rm									
184	-	Floor	Ctr		I	Wood	stain	8.5	QM
194	A	Window	Lft	Sash	D	Wood	White	>9.9	QM
195	A	Window	Lft	Sill	D	Wood	White	4.5	QM
193	A	Window	Rgt	Sash	D	Wood	White	5.5	QM
199	C	Fire place	Ctr		I	Wood	White	6.9	QM
185	C	Door	Lft	Casing	D	Wood	White	9.5	QM
186	C	Door	Lft	Jamb	D	Wood	White	>9.9	QM
187	C	Door	Lft		D	Wood	White	>9.9	QM
188	D	Window	Rgt	Casing	I	Wood	White	7.7	QM
190	D	Window	Rgt	Sash	D	Wood	White	1.6	QM
197	D	Door	Ctr	Casing	I	Cast Iron	Gray	>9.9	QM
198	D	Door	Ctr	Jamb	D	Cast Iron	Gray	>9.9	QM
Interior Room 008 Piano Room									
206	-	Floor	Lft		I	Wood	stain	9.8	QM
207	B	Window	Lft	Casing	D	Wood	White	6.2	QM
209	B	Window	Lft	Sash	D	Wood	White	2.1	QM
211	B	Window	Lft	Apron	D	Wood	White	1.6	QM
210	B	Window	Lft	Sill	D	Wood	White	3.7	QM
212	B	Window	Rgt	Sash	D	Wood	White	1.0	QM
214	D	Door	Ctr	Casing	D	Wood	White	7.5	QM
215	D	Door	Ctr		D	Wood	White	5.7	QM

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
216	D	Door	Ctr	Jamb	D	Wood	White	>9.9	QM
Interior Room 009 Kitchen									
224	B	Window	Lft	Casing	D	Wood	White	2.9	QM
225	B	Window	Lft	Stop	D	Wood	White	1.9	QM
226	B	Window	Lft	Sash	D	Wood	White	1.0	QM
228	B	Window	Rgt	Sash	D	Wood	White	1.3	QM
235	C	Window	Ctr	Sash	D	Wood	White	1.4	QM
236	C	Window	Rgt	Sash	D	Wood	White	1.0	QM
237	C	Window	Rgt	Sill	D	Wood	White	1.0	QM
238	D	Door	Lft	Casing	D	Wood	White	4.9	QM
239	D	Door	Lft	Jamb	D	Wood	White	2.7	QM
Interior Room 010 Back Entry									
252	C	Door	Lft	Casing	D	Wood	White	2.8	QM
253	C	Door	Lft	Jamb	D	Wood	White	6.6	QM
254	C	Door	Lft		D	Wood	White	3.1	QM
Interior Room 011 Pantry									
265	B	Door	Ctr	Casing	D	Wood	black	>9.9	QM
266	B	Door	Ctr	Jamb	D	Wood	black	5.9	QM
267	B	Door	Ctr		D	Wood	black	3.4	QM
Interior Room 012 PantryStrge									
279	A	Window	Lft	Sash	D	Wood	White	1.3	QM
274	D	Window	Ctr	Casing	I	Wood	White	>9.9	QM
276	D	Window	Ctr	Sash	D	Wood	White	>9.9	QM
275	D	Window	Ctr	Sill	I	Wood	White	4.4	QM
Interior Room 013 PianoRmStrg									
296	B	Door	Lft	Casing	D	Wood	White	>9.9	QM
297	B	Door	Lft	Jamb	D	Wood	White	>9.9	QM
298	B	Door	Lft		D	Wood	White	8.4	QM
291	D	Window	Rgt	Casing	D	Wood	White	>9.9	QM
293	D	Window	Rgt	Stop	D	Wood	White	>9.9	QM
294	D	Window	Rgt	Sash	D	Wood	White	>9.9	QM
292	D	Window	Rgt	Sill	D	Wood	White	1.7	QM
Interior Room 014 Stair									
309	A	Closet	Lft	Door	I	Wood	White	>9.9	QM
310	A	Closet	Lft	Door Jamb	I	Wood	White	>9.9	QM
321	B	Stairs	Ctr	Wall cap	D	Wood	White	>9.9	QM
322	B	Stairs	Ctr	Baseboard	D	Wood	White	>9.9	QM
320	B	Stairs	Ctr	Wall	D	Ceilg beam	White	>9.9	QM
318	C	Window	Ctr	Casing	D	Wood	stain	>9.9	QM
319	C	Window	Ctr	Sash	D	Wood	stain	>9.9	QM
306	D	Door	Rgt	Casing	I	Wood	White	>9.9	QM
307	D	Door	Rgt	Jamb	I	Wood	White	>9.9	QM
308	D	Door	Rgt		I	Wood	White	>9.9	QM

SUMMARY REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
Interior Room 015 Bed 1									
338	A	Window	Ctr	Jamb	D	Wood	White	>9.9	QM
339	A	Window	Ctr	Well	D	Wood	White	6.2	QM
		Sash Removed							
354	B	Door	Ctr	Casing	I	Wood	White	>9.9	QM
355	B	Door	Ctr	Jamb	I	Wood	White	>9.9	QM
356	B	Door	Ctr		I	Wood	White	>9.9	QM
350	B	Closet	Rgt	Wall trim	D	Wood	White	>9.9	QM
353	B	Closet	Rgt	Door	I	Wood	White	>9.9	QM
352	B	Closet	Rgt	Door Jamb	I	Wood	White	>9.9	QM
351	B	Closet	Rgt	Shelf Sup.	I	Wood	Blue	9.1	QM
348	B	Closet	Rgt	Ceiling	I	Plaster	White	1.6	QM
335	C	Ext. Win. Sa	Ctr		D	Wood	White	>9.9	QM
328	C	Baseboard	Rgt		I	Wood	White	>9.9	QM
342	D	Window	Lft	Stop	I	Wood	White	>9.9	QM
336	D	Window	Lft	Sash	D	Wood	White	>9.9	QM
341	D	Window	Lft	Sill	I	Wood	White	5.7	QM
340	D	Window	Rgt	Casing	I	Wood	White	>9.9	QM
337	D	Window	Rgt	Sash	D	Wood	White	>9.9	QM
Interior Room 016 Office									
365	B	Door	Rgt	Casing	I	Wood	White	>9.9	QM
366	B	Door	Rgt	Jamb	D	Wood	White	>9.9	QM
367	B	Door	Rgt		D	Wood	White	6.1	QM
363	D	Baseboard	Ctr		I	Wood	peach	>9.9	QM
Interior Room 017 Hallway									
382	D	Baseboard	Lft		D	Wood	White	>9.9	QM
384	D	Door	Rgt	Casing	D	Wood	stain	>9.9	QM
385	D	Door	Rgt	Jamb	D	Wood	stain	>9.9	QM
386	D	Door	Rgt		D	Wood	stain	>9.9	QM
Interior Room 018 Bed 2									
401	A	Window	Lft	Sash	D	Wood	White	1.5	QM
400	A	Window	Rgt	Sash	D	Wood	White	1.8	QM
399	B	Baseboard	Lft		D	Wood	White	>9.9	QM
394	B	Window	Ctr	Casing	D	Wood	White	>9.9	QM
395	B	Window	Ctr	Stop	D	Wood	White	>9.9	QM
397	B	Window	Ctr	Sash	D	Wood	White	>9.9	QM
398	B	Window	Ctr	Apron	D	Wood	White	>9.9	QM
396	B	Window	Ctr	Sill	D	Wood	White	>9.9	QM
402	C	Door	Rgt	Casing	D	Wood	White	>9.9	QM
403	C	Door	Rgt	Jamb	D	Wood	White	>9.9	QM
404	C	Door	Rgt		D	Wood	White	>9.9	QM
Interior Room 019 Bed 3									
431	A	Closet	Ctr	Baseboard	I	Wood	White	>9.9	QM
418	B	Baseboard	Ctr		D	Wood	White	>9.9	QM

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Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
423	B	Window	Lft	Stop	D	Wood	White	>9.9	QM
424	B	Window	Lft	Sash	D	Wood	White	1.4	QM
422	B	Window	Lft	Sill	D	Wood	White	9.1	QM
425	B	Window	Rgt	Sash	D	Wood	White	1.0	QM
420	C	Window	Rgt	Casing	D	Wood	White	>9.9	QM
421	C	Window	Rgt	Sash	D	Wood	White	>9.9	QM
434	D	Door	Ctr	Casing	D	Wood	White	>9.9	QM
435	D	Door	Ctr	Jamb	D	Wood	White	>9.9	QM
436	D	Door	Ctr		D	Wood	White	>9.9	QM

Interior Room 020 Bath

457	A	Door	Rgt	Casing	D	Wood	White	2.2	QM
459	A	Door	Rgt		D	Wood	White	5.8	QM
444	C	Window	Lft	Sash	D	Wood	White	5.8	QM

Interior Room 021 Garage

546	-	Loft	Ctr		D	Wood	Yellow	1.7	QM
547	-	Ceiling	Ctr		D	Wood	White	2.6	QM
540	B	Foundation	Lft		I	Concrete	Gray	4.6	QM
538	B	Door	Lft		D	Wood	White	6.8	QM
545	C	Ladder	Ctr		D	Wood	green	>9.9	QM

Calibration Readings

----- End of Readings -----

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Inspection Date: 07/27/16 123 High Street
 Report Date: 8/25/2016 Mystic, Connecticut
 Abatement Level: 1.0
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Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
Exterior Room 001 Facade A									
490	A	Oil hub	Lft		D	Metal	Blue	-0.6	QM
482	A	Low Rim jois	Ctr		D	Wood	White	1.7	QM
462	A	Clapboard	Rgt		D	Wood	White	>9.9	QM
463	A	Shutters	Rgt		D	Wood	green	2.7	QM
483	A	Foundation	Rgt		D	Brick	Gray	>9.9	QM
489	A	Window	Lft	Lintels	D	Wood	White	>9.9	QM
464	A	Window	Rgt	Casing	D	Wood	White	5.5	QM
484	A	Door	Rgt	Casing	D	Wood	White	8.4	QM
485	A	Door	Rgt	Threshold	D	Wood	Gray	>9.9	QM
Exterior Room 002 Facade B									
508	B	Clapboard	Lft		D	Wood	White	-0.4	QM
509	B	Clapboard	Lft		D	Wood	White	-0.2	QM
510	B	Clapboard	Lft		D	Wood	White	3.6	QM
511	B	Foundation	Lft		D	Stone	White	1.8	QM
486	B	Foundation	Rgt		D	Brick	Gray	>9.9	QM
512	B	Window	Lft	Sill	D	Wood	White	-0.2	QM
487	B	Window	Rgt	Casing	D	Wood	White	8.1	QM
488	B	Window	Rgt	Lintels	D	Wood	White	5.9	QM
Exterior Room 003 Facade C									
497	C	Clapboard	Lft		D	Wood	White	3.5	QM
503	C	Overhang	Rgt	Ceiling	D	Wood	Blue	4.8	QM
504	C	Overhang	Rgt	Columns	D	Wood	White	-0.2	QM
505	C	Overhang	Rgt	Beam	D	Wood	White	4.4	QM
506	C	Overhang	Rgt	Soffits	D	Wood	White	0.0	QM
507	C	Window	Rgt	Casing	D	Wood	White	0.4	QM
498	C	Door	Rgt	Casing	D	Wood	White	3.4	QM
499	C	Door	Rgt		D	Wood	White	>9.9	QM
500	C	Door	Rgt	Jamb	D	Wood	White	4.4	QM
501	C	Door	Rgt	Threshold	D	Wood	Gray	0.5	QM
502	C	Door	Rgt	Kickplate	D	Wood	White	4.7	QM
513	C	Railing	Rgt	Railing	D	Metal	black	-0.4	QM
Exterior Room 004 Facade D									
491	D	Foundation	Lft		D	Brick	Gray	>9.9	QM
492	D	Clapboard	Lft		D	Wood	White	3.2	QM
494	D	Foundation	Lft		D	Stone	Gray	1.0	QM
495	D	Soffits	Rgt		D	Wood	White	>9.9	QM
496	D	Rake Board	Rgt		D	Wood	White	>9.9	QM
493	D	Window	Lft	Casing	D	Wood	White	1.6	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
Exterior Room 005 Porch A									
481	A	Porch	Ctr	Lwr column	D	Wood	White	-0.4	QM
466	A	Upper trim	Rgt		D	Wood	White	>9.9	QM
470	A	Floor	Rgt		D	Wood	Gray	-0.3	QM
465	A	Ceiling	Rgt		D	Wood	Blue	7.0	QM
471	A	Door	Ctr	Casing	I	Wood	White	-0.2	QM
472	A	Door	Ctr	Win. Sash	D	Wood	White	>9.9	QM
473	A	Door	Ctr	Threshold	D	Wood	Gray	3.1	QM
474	A	Door	Ctr		D	Wood	White	9.2	QM
475	A	Door	Ctr	Stop	D	Wood	White	>9.9	QM
479	A	Stairs	Ctr	Treads	D	Wood	Gray	-0.4	QM
480	A	Stairs	Ctr	Risers	D	Wood	White	-0.2	QM
476	A	Stairs	Ctr	Newel post	D	Wood	White	-0.1	QM
478	A	Stairs	Ctr	Balusters	D	Wood	White	-0.6	QM
477	A	Stairs	Ctr	Railing cap	D	Wood	White	-0.2	QM
469	A	Railing	Rgt	Balusters	D	Wood	White	0.5	QM
468	A	Railing	Rgt	Railing	D	Wood	White	-0.3	QM
467	A	Column	Rgt		D	Wood	White	1.7	QM
Exterior Room 006 Garage									
516	A	Clapboard	Lft		D	Wood	White	-0.1	QM
517	A	Soffits	Lft		D	Wood	White	7.3	QM
518	A	Rakeboard	Lft		D	Wood	White	-0.3	QM
514	A	Door	Lft	Casing	D	Wood	White	2.2	QM
515	A	Door	Lft	Header	D	Wood	White	2.8	QM
524	B	Shutters	Lft		D	Wood	green	2.6	QM
519	B	Clapboard	Rgt		D	Wood	White	>9.9	QM
520	B	Rakeboard	Rgt		D	Wood	White	>9.9	QM
523	B	Soffits	Rgt		D	Wood	White	9.1	QM
527	B	Gutter	Lft		D	Aluminum	White	-0.6	QM
525	B	Window	Lft	Casings	D	Wood	White	4.4	QM
526	B	Window	Lft	Sash	D	Wood	White	8.6	QM
521	B	Door	Rgt	Casing	D	Wood	White	>9.9	QM
522	B	Door	Rgt		D	Wood	White	1.8	QM
528	C	Clapboard	Rgt		D	Wood	White	8.0	QM
529	C	Shutters	Rgt		D	Wood	green	1.3	QM
532	C	Window	Lft	Casing	D	Wood	White	0.1	QM
533	C	Window	Lft	Sash	D	Wood	White	5.5	QM
530	C	Window	Rgt	Casing	D	Wood	White	0.1	QM
531	C	Window	Rgt	Sash	D	Wood	White	3.6	QM
534	D	Clapboard	Lft		D	Wood	White	8.6	QM
Interior Room 001 001									
011	-	Floor	Lft		D	Concrete	green	0.0	QM
004	-	Ceiling	Lft		I	Fiberboard	White	-0.1	QM
036	-	Stairs	Lft	Ceiling	D	Plaster	White	-0.6	QM
006	A	Wall	Lft		I	Plaster	Beige	-0.3	QM
013	A	Window	Rgt	Panel	D	Wood	Beige	>9.9	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
014	A	Window	Rgt	Sash	D	Wood	Beige	>9.9	QM
015	A	Door	Ctr	Casing	D	Wood	Beige	>9.9	QM
016	A	Door	Ctr	Jamb	D	Wood	White	4.6	QM
017	A	Door	Ctr	Stop	D	Wood	White	7.1	QM
018	A	Door	Ctr	Threshold	D	Wood	Gray	>9.9	QM
019	A	Door	Ctr		D	Wood	White	3.6	QM
020	A	Door	Ctr		D	Wood	Beige	>9.9	QM
021	A	Door	Ctr	Storm	D	Aluminum	White	-0.3	QM
007	B	Wall	Lft		I	Plaster	Beige	0.0	QM
012	B	Baseboard	Lft		D	Wood	Beige	0.2	QM
005	B	Ceiling	Lft	Trim	I	Wood	White	-0.2	QM
034	B	Door	Rgt		D	Wood	White	>9.9	QM
028	B	Stairs	Rgt	Stringers	D	Wood	Beige	>9.9	QM
029	B	Stairs	Rgt	Corne guard	D	Wood	Beige	>9.9	QM
032	B	Stairs	Rgt	Railing	D	Wood	stain	-0.6	QM
031	B	Stairs	Rgt	Treads	D	Wood	stain	-0.1	QM
030	B	Stairs	Rgt	Risers	D	Wood	Beige	>9.9	QM
035	C	Crown Mldg	Lft		I	Wood	Beige	>9.9	QM
008	C	Wall	Lft		I	Plaster	Beige	-0.1	QM
033	C	Stairs	Lft	Railsupport	D	Wood	Beige	0.0	QM
022	D	Cabinet	Ctr		D	Wood	Beige	-0.4	QM
010	D	Wall	Lft		D	Fiberboard	Beige	0.0	QM
009	D	Wall	Ctr		I	Plaster	Beige	0.1	QM
027	D	Wall	Ctr	Trim	D	Wood	Beige	-0.1	QM
023	D	Door	Ctr	Casing	D	Wood	Beige	>9.9	QM
024	D	Door	Ctr	Stop	D	Wood	Beige	>9.9	QM
025	D	Door	Ctr	Jamb	D	Wood	Beige	>9.9	QM
026	D	Door	Ctr		D	Wood	Beige	>9.9	QM

Interior Room 002 002

037	-	Ceiling	Lft		D	Plaster	White	-0.2	QM
057	-	Column	Rgt		D	Wood	green	-0.1	QM
059	A	Stored door	Lft		D	Wood	White	>9.9	QM
060	A	Stored windo	Lft		D	Wood	White	3.0	QM
041	A	Wall	Rgt		D	Plaster	green	0.0	QM
042	A	Baseboard	Rgt		D	Wood	green	0.0	QM
043	A	Ceiling	Rgt		D	Concrete	green	0.3	QM
058	A	Window	Lft	Sash	D	Wood	green	>9.9	QM
044	A	Window	Rgt	Casing	D	Wood	green	>9.9	QM
045	A	Window	Rgt	Stop	D	Wood	green	>9.9	QM
048	A	Window	Rgt	Sash	D	Wood	green	>9.9	QM
047	A	Window	Rgt	Apron	D	Wood	green	>9.9	QM
046	A	Window	Rgt	Sill	D	Wood	green	>9.9	QM
050	B	Shelving	Ctr		D	Wood	green	-0.2	QM
056	B	Crown Mldg	Rgt		D	Wood	White	0.0	QM
040	B	Wall	Ctr		D	Plaster	green	-0.3	QM
049	B	Window	Lft	Sash	D	Wood	green	>9.9	QM
051	C	Cabinet	Lft	Door	D	Wood	green	>9.9	QM
052	C	Cabinet	Lft	Casing	D	Wood	green	>9.9	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
053	C	Cabinet	Lft	Shelf	D	Wood	Gray	>9.9	QM
054	C	Fire place	Ctr		D	Wood	green	>9.9	QM
055	C	Fire place	Ctr		D	Brick	green	-0.2	QM
039	C	Wall	Rgt		D	Plaster	green	-0.4	QM
061	C	Closet	Rgt	Column	D	Steel	black	-0.1	QM
062	C	Closet	Rgt	C. beam	D	Wood	Beige	-0.1	QM
066	C	Closet	Rgt	Cabinet	D	Wood	green	>9.9	QM
068	C	Closet	Rgt	Door Casing	D	Wood	green	>9.9	QM
067	C	Closet	Rgt	Door Jamb	D	Wood	green	>9.9	QM
064	C	Closet	Rgt	Wall	D	Plaster	green	0.1	QM
065	C	Closet	Rgt	Wall	D	Wood	green	0.2	QM
063	C	Closet	Rgt	Ceiling	D	Fiberboard	Beige	0.0	QM
038	D	Wall	Lft		D	Plaster	green	-0.4	QM
069	D	Door	Lft	Casing	D	Wood	green	>9.9	QM
070	D	Door	Lft		D	Wood	green	>9.9	QM
071	D	Door	Lft	Jamb	D	Wood	Beige	>9.9	QM
072	D	Door	Lft	Stop	D	Wood	Beige	>9.9	QM

Interior Room 003 003

073	-	Ceiling	Lft		D	Wood	Beige	-0.1	QM
076	A	Shelf	Ctr		D	Wood	Beige	5.1	QM
080	A	Cabinet	Rgt		D	Wood	White	-0.3	QM
074	A	Wall	Lft	on lath	D	Wood	Beige	1.4	QM
075	A	Wall	Lft	Column	D	Wood	Beige	-0.2	QM
079	A	Wall	Rgt		D	Brick	Gray	-0.1	QM
088	A	Door	Lft	Casing	D	Wood	White	-0.1	QM
089	A	Door	Lft	Stop	D	Wood	White	>9.9	QM
077	A	Stairs	Ctr	Underpan	D	Wood	Beige	-0.2	QM
078	A	Column	Ctr		D	Steel	green	-0.1	QM
081	B	Wall	Ctr		D	Stone	White	1.3	QM
082	B	Wall	Ctr		D	Stone	White	-0.2	TC
084	B	Window	Ctr	Casing	D	Wood	White	2.5	QM
083	B	Window	Ctr	Sash	D	Wood	White	4.9	QM
085	C	Wall	Ctr		D	Stone	White	0.4	QM
087	C	Window	Ctr	Casing	D	Wood	White	2.0	QM
086	D	Wall	Ctr		D	Stone	White	0.5	QM

Interior Room 004 004

099	-	Floor	Rgt		D	Concrete	green	0.3	QM
090	-	Ceiling	Lft		D	Wainscotin	Beige	-0.4	QM
113	-	Column	Lft		D	Steel	green	0.3	QM
102	A	Wall	Lft		D	Plaster	Beige	0.2	QM
092	A	Wall	Rgt		D	Fiberboard	Yellow	5.0	QM
105	A	Window	Lft	Casing	D	Wood	White	>9.9	QM
106	A	Window	Lft	Stop	D	Wood	White	>9.9	QM
109	A	Window	Lft	Sash	D	Wood	White	>9.9	QM
108	A	Window	Lft	Apron	D	Wood	White	>9.9	QM
107	A	Window	Lft	Sill	D	Wood	White	>9.9	QM
110	A	Window	Rgt	Sash	D	Wood	White	>9.9	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
100	A	Door	Lft	Casing	D	Wood	White	8.9	QM
101	A	Door	Lft		D	Wood	White	4.8	QM
104	A	Door	Lft	Threshold	D	Wood	Gray	0.2	QM
097	A	Stairs	Rgt	Cornerguard	D	Wood	Beige	-0.6	QM
095	A	Stairs	Rgt	Wall	D	Plaster	Beige	>9.9	QM
096	A	Stairs	Rgt	Wall	D	Wood	Beige	>9.9	QM
093	A	Stairs	Rgt	Treads	D	Wood	brown	>9.9	QM
094	A	Stairs	Rgt	Risers	D	Wood	brown	-0.2	QM
120	B	Cabinet	Lft		I	Wood	White	-0.3	QM
118	B	Fireplace	Ctr		D	Wood	White	>9.9	QM
126	B	Stored windo	Ctr		I	Wood	White	2.7	QM
119	B	Wall	Ctr		D	Wainscotin	Yellow	-0.3	QM
127	B	Door	Rgt	Casing	D	Wood	Beige	>9.9	QM
128	B	Door	Rgt	Jamb	D	Wood	Beige	>9.9	QM
129	B	Door	Rgt		D	Wood	Beige	>9.9	QM
121	B	Closet	Ctr	Door	I	Wood	White	-0.3	QM
125	B	Closet	Ctr	Door Casing	I	Wood	White	>9.9	QM
122	B	Closet	Ctr	Wall	I	Plaster	Beige	-0.7	QM
123	B	Closet	Ctr	Shelf Sup.	I	Wood	White	-0.2	QM
124	B	Closet	Ctr	Shelf	I	Wood	White	-0.2	QM
091	C	Wall	Lft		D	Wainscotin	Beige	-0.4	QM
114	C	Wall	Ctr		D	Fiberboard	Yellow	0.1	QM
115	C	Wall	Ctr	Cornerguard	D	Wood	Yellow	5.3	QM
116	C	Closet	Ctr	Floor	D	Concrete	green	0.3	QM
117	C	Closet	Ctr	Wall	D	Wood	green	-0.5	QM
111	D	Cabinet	Lft		D	Wainscotin	Yellow	-0.1	QM
112	D	Cabinet	Lft	Shelf	D	Wood	Gray	-0.2	QM
098	D	Wall	Rgt		D	Wainscotin	Yellow	-0.5	QM
103	D	Baseboard	Rgt		D	Wood	Beige	0.1	QM

Interior Room 005 Foyer

136	-	Floor	Ctr		I	Wood	stain	-0.3	QM
130	-	Ceiling	Rgt		I	Plaster	White	-0.2	QM
145	A	Radiator	Lft		I	Cast Iron	White	-0.3	QM
131	A	Wall	Lft		I	Plaster	White	-0.4	QM
137	A	Door	Ctr	Casing	I	Wood	White	>9.9	QM
138	A	Door	Ctr	Jamb	D	Wood	White	>9.9	QM
139	A	Door	Ctr	Stop	D	Wood	White	2.8	QM
140	A	Door	Ctr		D	Wood	White	8.0	QM
141	A	Door	Ctr	Threshold	D	Wood	Gray	2.7	QM
133	C	Wall	Ctr		I	Plaster	White	-0.4	QM
152	C	Stairs	Lft	Stringers	I	Wood	stain	-0.2	QM
153	C	Stairs	Lft	Stringers	D	Wood	White	>9.9	QM
154	C	Stairs	Lft	Treads	I	Wood	stain	-0.1	QM
155	C	Stairs	Lft	Risers	I	Wood	stain	-0.3	QM
156	C	Stairs	Lft	Newel post	I	Wood	stain	-0.2	QM
157	C	Stairs	Lft	Balusters	I	Wood	stain	-0.3	QM
158	C	Stairs	Lft	Railing cap	I	Wood	stain	-0.2	QM
151	C	Closet	Rgt	Door	D	Wood	White	>9.9	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
150	C	Closet	Rgt	Door Jamb	D	Wood	White	>9.9	QM
147	C	Closet	Rgt	Wall	I	Plaster	White	-0.2	QM
148	C	Closet	Rgt	Shelf Sup.	I	Wood	White	-0.2	QM
149	C	Closet	Rgt	Shelf	I	Wood	White	-0.2	QM
146	C	Closet	Rgt	Ceiling	I	Plaster	White	-0.2	QM
134	D	Wall	Ctr		I	Plaster	White	-0.3	QM
132	D	Wall	Rgt		I	Plaster	White	-0.3	QM
135	D	Baseboard	Ctr		D	Wood	White	>9.9	QM
142	D	Door	Lft	Casing	D	Wood	White	9.3	QM
143	D	Door	Lft	Jamb	D	Wood	White	>9.9	QM
144	D	Door	Lft		I	Wood	White	5.2	QM
Interior Room 006 Playroom									
164	-	Floor	Ctr		I	Wood	stain	-0.2	QM
460	-	Ceiling	Rgt		D	Plaster	White	-0.2	QM
461	-	Ceiling	Rgt	Trim	D	Wood	White	0.0	QM
159	A	Wall	Lft		I	Plaster	Beige	9.5	QM
172	A	Window	Lft	Sash	D	Wood	White	>9.9	QM
173	A	Window	Rgt	Sash	D	Wood	White	>9.9	QM
160	B	Wall	Lft		I	Plaster	Beige	7.0	QM
171	B	Window	Ctr	Sash	D	Wood	White	>9.9	QM
175	B	Door	Lft	Casing	I	Wood	White	>9.9	QM
176	B	Door	Lft	Jamb	I	Wood	White	>9.9	QM
177	B	Door	Lft		I	Wood	White	>9.9	QM
174	C	Fire place	Ctr		I	Wood	White	1.0	QM
170	C	Radiator	Rgt		D	Cast Iron	White	-0.1	QM
161	C	Wall	Lft		I	Plaster	Beige	5.8	QM
165	C	Window	Rgt	Casing	I	Wood	White	>9.9	QM
166	C	Window	Rgt	Stop	D	Wood	White	>9.9	QM
169	C	Window	Rgt	Paneling	D	Wood	White	>9.9	QM
167	C	Window	Rgt	Sash	D	Wood	White	>9.9	QM
168	C	Window	Rgt	Sill	D	Wood	White	>9.9	QM
162	D	Wall	Ctr		I	Plaster	Beige	8.7	QM
163	D	Baseboard	Ctr		I	Wood	White	>9.9	QM
Interior Room 007 Living Rm									
184	-	Floor	Ctr		I	Wood	stain	8.5	QM
178	-	Ceiling	Lft		I	Plaster	White	-0.7	QM
196	A	Radiator	Lft		I	Cast Iron	Gray	-0.1	QM
180	A	Wall	Lft		I	Plaster	Blue	-0.2	QM
194	A	Window	Lft	Sash	D	Wood	White	>9.9	QM
195	A	Window	Lft	Sill	D	Wood	White	4.5	QM
193	A	Window	Rgt	Sash	D	Wood	White	5.5	QM
199	C	Fire place	Ctr		I	Wood	White	6.9	QM
181	C	Wall	Ctr		I	Plaster	Blue	-0.4	QM
185	C	Door	Lft	Casing	D	Wood	White	9.5	QM
186	C	Door	Lft	Jamb	D	Wood	White	>9.9	QM
187	C	Door	Lft		D	Wood	White	>9.9	QM
179	D	Wall	Lft		I	Plaster	Blue	-0.3	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
182	D	Wall	Ctr		I	Plaster	Blue	-0.2	QM
183	D	Baseboard	Ctr		I	Wood	White	-0.1	QM
188	D	Window	Rgt	Casing	I	Wood	White	7.7	QM
189	D	Window	Rgt	Stop	I	Wood	White	0.0	QM
190	D	Window	Rgt	Sash	D	Wood	White	1.6	QM
192	D	Window	Rgt	Apron	D	Wood	White	-0.2	QM
191	D	Window	Rgt	Sill	D	Wood	White	-0.2	QM
197	D	Door	Ctr	Casing	I	Cast Iron	Gray	>9.9	QM
198	D	Door	Ctr	Jamb	D	Cast Iron	Gray	>9.9	QM

Interior Room 008 Piano Room

206	-	Floor	Lft		I	Wood	stain	9.8	QM
200	-	Ceiling	Ctr		D	Plaster	White	-0.4	QM
202	A	Wall	Rgt		D	Plaster	green	-0.3	QM
213	B	Radiator	Rgt		D	Cast Iron	green	0.2	QM
201	B	Wall	Lft		D	Plaster	green	-0.3	QM
205	B	Baseboard	Lft		D	Wood	White	-0.5	QM
207	B	Window	Lft	Casing	D	Wood	White	6.2	QM
208	B	Window	Lft	Stop	D	Wood	White	0.3	QM
209	B	Window	Lft	Sash	D	Wood	White	2.1	QM
211	B	Window	Lft	Apron	D	Wood	White	1.6	QM
210	B	Window	Lft	Sill	D	Wood	White	3.7	QM
212	B	Window	Rgt	Sash	D	Wood	White	1.0	QM
203	C	Wall	Ctr		D	Plaster	green	-0.2	QM
204	D	Wall	Ctr		D	Plaster	green	-0.2	QM
214	D	Door	Ctr	Casing	D	Wood	White	7.5	QM
215	D	Door	Ctr		D	Wood	White	5.7	QM
216	D	Door	Ctr	Jamb	D	Wood	White	>9.9	QM

Interior Room 009 Kitchen

217	-	Ceiling	Ctr		I	Plaster	White	0.1	QM
218	A	Wall	Ctr		I	Plaster	Yellow	-0.3	QM
229	B	Radiator	Rgt		D	Cast Iron	White	-0.3	QM
219	B	Wall	Ctr		I	Plaster	Yellow	-0.2	QM
223	B	Baseboard	Ctr		I	Wood	White	-0.3	QM
224	B	Window	Lft	Casing	D	Wood	White	2.9	QM
225	B	Window	Lft	Stop	D	Wood	White	1.9	QM
226	B	Window	Lft	Sash	D	Wood	White	1.0	QM
227	B	Window	Lft	Sill	D	Wood	White	0.6	QM
228	B	Window	Rgt	Sash	D	Wood	White	1.3	QM
230	C	Sink Cabinet	Lft		D	Metal	White	-0.4	QM
231	C	Cabinet	Lft		D	Wood	White	-0.2	QM
232	C	Cabinet	Lft	Framework	D	Wood	White	-0.3	QM
233	C	Cabinet	Lft	Shelf	D	Wood	White	-0.3	QM
234	C	Cabinet	Lft	Wall	D	Wood	green	-0.5	QM
220	C	Wall	Ctr		I	Plaster	Yellow	-0.4	QM
235	C	Window	Ctr	Sash	D	Wood	White	1.4	QM
236	C	Window	Rgt	Sash	D	Wood	White	1.0	QM
237	C	Window	Rgt	Sill	D	Wood	White	1.0	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
222	D	Chair Rail	Ctr		I	Wood	White	-0.1	QM
221	D	Wall	Ctr		I	Plaster	Yellow	-0.2	QM
238	D	Door	Lft	Casing	D	Wood	White	4.9	QM
239	D	Door	Lft	Jamb	D	Wood	White	2.7	QM
240	D	Door	Lft		D	Wood	White	0.2	QM
241	D	Door	Rgt		D	Wood	White	-0.1	QM
Interior Room 010 Back Entry									
242	-	Ceiling	Rgt		I	Plaster	White	-0.1	QM
251	A	Chair Rail	Lft		I	Wood	black	0.1	QM
245	A	Wall	L Lft		I	Plaster	White	-0.1	QM
250	A	Wall	U Lft		I	Plaster	White	0.0	QM
246	B	Wall	L Lft		I	Plaster	White	-0.3	QM
247	B	Wall	U Lft		I	Plaster	White	-0.4	QM
243	C	Wall	L Lft		I	Plaster	White	0.0	QM
248	C	Wall	U Lft		I	Plaster	White	-0.3	QM
252	C	Door	Lft	Casing	D	Wood	White	2.8	QM
253	C	Door	Lft	Jamb	D	Wood	White	6.6	QM
254	C	Door	Lft		D	Wood	White	3.1	QM
244	D	Wall	L Lft		I	Plaster	White	-0.5	QM
249	D	Wall	U Lft		I	Plaster	White	-0.3	QM
Interior Room 011 Pantry									
255	-	Ceiling	Lft		I	Plaster	White	-0.3	QM
261	A	Wall	L Lft		I	Plaster	Tan	-0.1	QM
256	A	Wall	U Lft		I	Plaster	green	-0.2	QM
262	B	Wall	L Lft		I	Plaster	Tan	-0.2	QM
257	B	Wall	U Lft		I	Plaster	green	-0.6	QM
265	B	Door	Ctr	Casing	D	Wood	black	>9.9	QM
266	B	Door	Ctr	Jamb	D	Wood	black	5.9	QM
267	B	Door	Ctr		D	Wood	black	3.4	QM
264	C	Chair Rail	Lft		I	Wood	black	0.2	QM
263	C	Wall	L Lft		I	Plaster	Tan	-0.3	QM
258	C	Wall	U Lft		I	Plaster	green	-0.2	QM
260	D	Wall	L Lft		I	Plaster	Tan	-0.2	QM
259	D	Wall	U Lft		I	Plaster	green	-0.3	QM
Interior Room 012 PantryStrge									
268	-	Ceiling	Ctr		I	Plaster	White	-0.2	QM
269	A	Wall	Ctr		I	Plaster	N/A	-0.4	QM
279	A	Window	Lft	Sash	D	Wood	White	1.3	QM
270	B	Wall	Ctr		I	Plaster	N/A	-0.3	QM
280	B	Door	Ctr		D	Wood	White	-0.2	QM
281	B	Door	Ctr	Casing	I	Wood	White	-0.5	QM
282	B	Door	Ctr	Jamb	I	Wood	White	-0.2	QM
271	C	Wall	Ctr		I	Plaster	N/A	-0.1	QM
272	D	Wall	Ctr		I	Plaster	N/A	-0.5	QM
273	D	Baseboard	Ctr		I	Wood	N/A	-0.4	QM
274	D	Window	Ctr	Casing	I	Wood	White	>9.9	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
276	D	Window	Ctr	Sash	D	Wood	White	>9.9	QM
275	D	Window	Ctr	Sill	I	Wood	White	4.4	QM
277	D	Door	Lft	Casing	I	Wood	White	-0.4	QM
278	D	Door	Lft		I	Wood	White	-0.2	QM
Interior Room 013 PianoRmStrg									
289	-	Floor	Rgt		I	Wood	stain	-0.5	QM
283	-	Ceiling	Ctr		I	Plaster	White	-0.4	QM
285	A	Wall	Ctr		I	Plaster	Gray	-0.6	QM
288	A	Baseboard	Lft		I	Wood	White	-0.1	QM
284	B	Wall	Ctr		I	Plaster	Gray	-0.3	QM
296	B	Door	Lft	Casing	D	Wood	White	>9.9	QM
297	B	Door	Lft	Jamb	D	Wood	White	>9.9	QM
298	B	Door	Lft		D	Wood	White	8.4	QM
287	C	Wall	Ctr		I	Plaster	Gray	-0.4	QM
290	D	Radiator	Rgt		D	Wood	White	-0.1	QM
286	D	Wall	Ctr		I	Plaster	Gray	-0.3	QM
291	D	Window	Rgt	Casing	D	Wood	White	>9.9	QM
293	D	Window	Rgt	Stop	D	Wood	White	>9.9	QM
294	D	Window	Rgt	Sash	D	Wood	White	>9.9	QM
292	D	Window	Rgt	Sill	D	Wood	White	1.7	QM
295	D	Window	Rgt	Sill	D	Wood	White	0.0	QM
Interior Room 014 Stair									
357	-	Floor	Ctr		I	Wood	stain	-0.3	QM
302	-	Ceiling	Lft		I	Plaster	White	-1.0	QM
317	-	Stairs	Lft	Railing	I	Wood	stain	-0.2	QM
315	-	Stairs	Lft	Treads	I	Wood	stain	-0.1	QM
316	-	Stairs	Lft	Risers	I	Wood	stain	-0.2	QM
309	A	Closet	Lft	Door	I	Wood	White	>9.9	QM
310	A	Closet	Lft	Door Jamb	I	Wood	White	>9.9	QM
313	A	Closet	Lft	Wall	I	Plaster	White	-0.2	QM
311	A	Closet	Lft	Shelf Sup.	I	Wood	White	-0.1	QM
312	A	Closet	Lft	Shelf	I	Wood	White	-0.3	QM
314	A	Closet	Lft	Ceiling	I	Plaster	White	-0.2	QM
303	B	Wall	Lft		I	Plaster	White	-0.5	QM
321	B	Stairs	Ctr	Wall cap	D	Wood	White	>9.9	QM
322	B	Stairs	Ctr	Baseboard	D	Wood	White	>9.9	QM
320	B	Stairs	Ctr	Wall	D	Ceilg beam	White	>9.9	QM
304	C	Wall	Lft		I	Plaster	White	-0.8	QM
318	C	Window	Ctr	Casing	D	Wood	stain	>9.9	QM
319	C	Window	Ctr	Sash	D	Wood	stain	>9.9	QM
305	D	Wall	Rgt		I	Plaster	White	-0.4	QM
306	D	Door	Rgt	Casing	I	Wood	White	>9.9	QM
307	D	Door	Rgt	Jamb	I	Wood	White	>9.9	QM
308	D	Door	Rgt		I	Wood	White	>9.9	QM
Interior Room 015 Bed 1									
329	-	Floor	Rgt		I	Wood	stain	-0.3	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
323	-	Ceiling	Ctr		I	Plaster	White	-0.3	QM
325	A	Wall	Ctr		I	Plaster	White	-0.1	QM
338	A	Window	Ctr	Jamb	D	Wood	White	>9.9	QM
339	A	Window	Ctr	Well	D	Wood	White	6.2	QM
		Sash Removed							
326	B	Wall	Rgt		I	Plaster	White	-0.7	QM
354	B	Door	Ctr	Casing	I	Wood	White	>9.9	QM
355	B	Door	Ctr	Jamb	I	Wood	White	>9.9	QM
356	B	Door	Ctr		I	Wood	White	>9.9	QM
347	B	Closet	Lft	Door	I	Wood	White	-0.3	QM
344	B	Closet	Lft	Wall	I	Plaster	White	0.1	QM
346	B	Closet	Lft	Wall	I	Wood	White	-0.2	QM
345	B	Closet	Lft	Shelf Sup.	I	Wood	Pink	0.2	QM
343	B	Closet	Lft	Ceiling	I	Plaster	White	-0.3	QM
350	B	Closet	Rgt	Wall trim	D	Wood	White	>9.9	QM
353	B	Closet	Rgt	Door	I	Wood	White	>9.9	QM
352	B	Closet	Rgt	Door Jamb	I	Wood	White	>9.9	QM
349	B	Closet	Rgt	Wall	I	Plaster	White	-0.7	QM
351	B	Closet	Rgt	Shelf Sup.	I	Wood	Blue	9.1	QM
348	B	Closet	Rgt	Ceiling	I	Plaster	White	1.6	QM
330	C	Radiator	Ctr		I	Cast Iron	Blue	-0.1	QM
335	C	Ext. Win. Sa	Ctr		D	Wood	White	>9.9	QM
327	C	Wall	Rgt		I	Plaster	White	-0.6	QM
328	C	Baseboard	Rgt		I	Wood	White	>9.9	QM
331	C	Window	Ctr	Casing	I	Wood	White	-0.3	QM
332	C	Window	Ctr	Sash	I	Wood	White	-0.3	QM
334	C	Window	Ctr	Apron	I	Wood	White	-0.3	QM
333	C	Window	Ctr	Sill	I	Wood	White	-0.3	QM
324	D	Wall	Ctr		I	Plaster	White	-0.6	QM
342	D	Window	Lft	Stop	I	Wood	White	>9.9	QM
336	D	Window	Lft	Sash	D	Wood	White	>9.9	QM
341	D	Window	Lft	Sill	I	Wood	White	5.7	QM
340	D	Window	Rgt	Casing	I	Wood	White	>9.9	QM
337	D	Window	Rgt	Sash	D	Wood	White	>9.9	QM

Interior Room 016 Office

364	-	Floor	Ctr		I	Wood	stain	-0.3	QM
358	-	Ceiling	Ctr		I	Plaster	White	0.2	QM
359	A	Wall	Ctr		I	Plaster	peach	-0.2	QM
368	A	Window	Ctr	Casing	D	Wood	White	0.0	QM
369	A	Window	Ctr	Sash	D	Wood	White	-0.1	QM
370	A	Window	Ctr	Apron	D	Wood	White	-0.3	QM
365	B	Door	Rgt	Casing	I	Wood	White	>9.9	QM
366	B	Door	Rgt	Jamb	D	Wood	White	>9.9	QM
367	B	Door	Rgt		D	Wood	White	6.1	QM
361	C	Wall	Ctr		I	Dry wall	peach	-0.3	QM
360	D	Wall	Ctr		I	Dry wall	peach	-0.5	QM
362	D	Wall	Ctr		I	Plaster	peach	-0.4	QM
363	D	Baseboard	Ctr		I	Wood	peach	>9.9	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
375	D	Closet	Rgt	Door	I	Wood	Stain	0.3	QM
374	D	Closet	Rgt	Door Casing	I	Wood	White	0.0	QM
373	D	Closet	Rgt	Door Jamb	I	Wood	White	-0.3	QM
372	D	Closet	Rgt	Wall	I	Plaster	peach	-0.5	QM
376	D	Closet	Rgt	Shelf Sup.	I	Wood	White	-0.4	QM
371	D	Closet	Rgt	Ceiling	I	Plaster	White	-0.3	QM
Interior Room 017 Hallway									
383	-	Floor	Lft		D	Wood	stain	-0.2	QM
377	-	Ceiling	Rgt		I	Plaster	White	-0.4	QM
378	A	Wall	Lft		I	Plaster	White	-0.5	QM
379	B	Wall	Lft		I	Plaster	White	0.0	QM
380	C	Wall	Lft		I	Plaster	White	-0.2	QM
381	D	Wall	Lft		I	Plaster	White	0.0	QM
382	D	Baseboard	Lft		D	Wood	White	>9.9	QM
384	D	Door	Rgt	Casing	D	Wood	stain	>9.9	QM
385	D	Door	Rgt	Jamb	D	Wood	stain	>9.9	QM
386	D	Door	Rgt		D	Wood	stain	>9.9	QM
Interior Room 018 Bed 2									
393	-	Floor	Rgt		I	Wood	Stain	-0.3	QM
387	-	Ceiling	Rgt		I	Plaster	White	-0.4	QM
388	A	Wall	Rgt		I	Plaster	White	-0.5	QM
401	A	Window	Lft	Sash	D	Wood	White	1.5	QM
400	A	Window	Rgt	Sash	D	Wood	White	1.8	QM
389	B	Wall	Rgt		I	Plaster	White	-0.6	QM
399	B	Baseboard	Lft		D	Wood	White	>9.9	QM
394	B	Window	Ctr	Casing	D	Wood	White	>9.9	QM
395	B	Window	Ctr	Stop	D	Wood	White	>9.9	QM
412	B	Window	Ctr	Decorative	I	Wood	White	-0.4	QM
397	B	Window	Ctr	Sash	D	Wood	White	>9.9	QM
398	B	Window	Ctr	Apron	D	Wood	White	>9.9	QM
396	B	Window	Ctr	Sill	D	Wood	White	>9.9	QM
390	C	Wall	Rgt		I	Plaster	White	-0.4	QM
402	C	Door	Rgt	Casing	D	Wood	White	>9.9	QM
403	C	Door	Rgt	Jamb	D	Wood	White	>9.9	QM
404	C	Door	Rgt		D	Wood	White	>9.9	QM
411	C	Closet	Lft	Door	I	Wood	Stain	-0.2	QM
409	C	Closet	Lft	Door Casing	I	Wood	White	-0.2	QM
410	C	Closet	Lft	Door Jamb	I	Wood	White	-0.2	QM
406	C	Closet	Lft	Wall	I	Dry wall	White	-0.6	QM
407	C	Closet	Lft	Shelf Sup.	I	Wood	White	-0.2	QM
408	C	Closet	Lft	Shelf	I	Wood	White	-0.4	QM
405	C	Closet	Lft	Ceiling	I	Dry wall	White	-0.4	QM
391	D	Wall	Rgt		I	Plaster	White	-0.5	QM
392	D	Baseboard	Rgt		I	Wood	White	-0.3	QM
Interior Room 019 Bed 3									
419	-	Floor	Ctr		D	Wood	Stain	-0.3	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
413	-	Ceiling	Ctr		I	Plaster	White	-0.5	QM
414	A	Wall	Ctr		I	Plaster	green	-0.1	QM
431	A	Closet	Ctr	Baseboard	I	Wood	White	>9.9	QM
428	A	Closet	Ctr	Door	I	Wood	Stain	-0.7	QM
426	A	Closet	Ctr	Door Casing	I	Wood	White	-0.2	QM
432	A	Closet	Ctr	Floor	I	Wood	Stain	-0.3	QM
427	A	Closet	Ctr	Door Jamb	I	Wood	White	-0.2	QM
430	A	Closet	Ctr	Wall	I	Plaster	green	-0.4	QM
433	A	Closet	Ctr	Shelf Sup.	I	Wood	Stain	-0.1	QM
429	A	Closet	Ctr	Ceiling	I	Plaster	White	-0.2	QM
415	B	Wall	Ctr		I	Plaster	green	-0.6	QM
418	B	Baseboard	Ctr		D	Wood	White	>9.9	QM
423	B	Window	Lft	Stop	D	Wood	White	>9.9	QM
424	B	Window	Lft	Sash	D	Wood	White	1.4	QM
422	B	Window	Lft	Sill	D	Wood	White	9.1	QM
425	B	Window	Rgt	Sash	D	Wood	White	1.0	QM
416	C	Wall	Ctr		I	Plaster	green	-0.3	QM
420	C	Window	Rgt	Casing	D	Wood	White	>9.9	QM
421	C	Window	Rgt	Sash	D	Wood	White	>9.9	QM
417	D	Wall	Ctr		I	Plaster	green	-0.3	QM
434	D	Door	Ctr	Casing	D	Wood	White	>9.9	QM
435	D	Door	Ctr	Jamb	D	Wood	White	>9.9	QM
436	D	Door	Ctr		D	Wood	White	>9.9	QM

Interior Room 020 Bath

437	-	Ceiling	Ctr		D	Plaster	White	-0.1	QM
438	A	Wall	Rgt		D	Plaster	White	-0.2	QM
457	A	Door	Rgt	Casing	D	Wood	White	2.2	QM
458	A	Door	Rgt	Jamb	D	Wood	White	-0.2	QM
459	A	Door	Rgt		D	Wood	White	5.8	QM
439	B	Wall	Lft		D	Plaster	White	-0.1	QM
447	C	Radiator	Lft		D	Cast Iron	Pink	-0.1	QM
440	C	Wall	Rgt		D	Plaster	White	-0.5	QM
442	C	Window	Lft	Casing	D	Wood	White	-0.3	QM
443	C	Window	Lft	Stop	D	Wood	White	-0.2	QM
444	C	Window	Lft	Sash	D	Wood	White	5.8	QM
446	C	Window	Lft	Apron	D	Wood	White	-0.5	QM
445	C	Window	Lft	Sill	D	Wood	White	-0.4	QM
441	D	Wall	Lft		D	Plaster	White	-0.2	QM
455	D	Closet	Ctr	Plumb door	I	Wood	White	-0.2	QM
456	D	Closet	Ctr	Plb dr csg	I	Wood	White	-0.2	QM
452	D	Closet	Ctr	Door	I	Plaster	White	-0.2	QM
450	D	Closet	Ctr	Door Casing	I	Plaster	White	-0.1	QM
451	D	Closet	Ctr	Door Jamb	I	Plaster	White	-0.3	QM
449	D	Closet	Ctr	Wall	I	Plaster	White	0.2	QM
453	D	Closet	Ctr	Shelf Sup.	I	Plaster	White	-0.4	QM
454	D	Closet	Ctr	Shelf	I	Plaster	White	0.6	QM
448	D	Closet	Ctr	Ceiling	I	Plaster	White	-0.3	QM

DETAILED REPORT OF LEAD PAINT INSPECTION FOR: Mr. Jason Pitts

Reading No.	Wall	Structure	Location	Member	Paint Cond	Substrate	Color	Lead (mg/cm ²)	Mode
Interior Room 021 Garage									
546	-	Loft	Ctr		D	Wood	Yellow	1.7	QM
547	-	Ceiling	Ctr		D	Wood	White	2.6	QM
548	A	Wall	Rgt		D	Wood	green	-0.6	QM
535	B	Rim joist	Lft		D	Wood	Gray	-0.6	QM
540	B	Foundation	Lft		I	Concrete	Gray	4.6	QM
539	B	Wall	Lft		D	Wood	green	-0.2	QM
541	B	Window	Rgt	Casing	I	Wood	green	-0.4	QM
542	B	Window	Rgt	Stop	I	Wood	green	-0.3	QM
536	B	Door	Lft	Stop	D	Wood	White	-0.4	QM
537	B	Door	Lft	Jamb	D	Wood	White	0.1	QM
538	B	Door	Lft		D	Wood	White	6.8	QM
545	C	Ladder	Ctr		D	Wood	green	>9.9	QM
543	C	Wall	Ctr		D	Wood	green	-0.5	QM
544	D	Wall	Lft		D	Wood	green	-0.5	QM
Calibration Readings									
001								0.7	TC
002								0.8	TC
003								1.3	TC
299								1.1	TC
300								1.3	TC
301								1.0	TC
549								0.7	TC
550								0.9	TC
551								0.9	TC
----- End of Readings -----									

APPENDIX 4

DUST AND SOIL SAMPLE LABORATORY REPORTS

Chain of Custody



EMSL ANALYTICAL, INC.

EMSL Order Number (Lab Use Only):
Additional Analysis Request
EMSL Order Number

<input type="checkbox"/> EMSL CT 29 N. Plains Hwy, # 4 Wallingford, CT 06492 Phone: 203-284-5948	<input type="checkbox"/> EMSL NYC 307 West 38th Street New York, NY 10018 Phone: 212-290-0051	<input type="checkbox"/> EMSL Corporate 200 Route 130 North Cinnaminson, NJ 08077 Phone: 800-220-3675
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Eagle Environmental, Inc.	EMSL Acct # EEVM50	Project Manager: AH	Proj #: 16-014, 1078
8 South Main Street, Suite 3, Terryville, CT 06786		Project: CSA - 123 High St, Mystic - DUST	
Report To: Brandy LeBlanc	Phone: 860-589-8257	US State Collected: CT	Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt
Email All Results to: <input checked="" type="checkbox"/> bleblanc@eagleenviro.com	<input checked="" type="checkbox"/> rsioch@eagleenviro.com <input checked="" type="checkbox"/> dwyne@eagleenviro.com	Samples Collected by (Name): Michelle Rudy	Signature: <i>[Signature]</i> Date(s) Collected: 7/27/16
Additional Contacts to Receive Email Results:			
<input type="checkbox"/> Verbal Results: Contact Name and Phone #:			

Turnaround Time (TAT) Options - Please Check Box Below <24 HR TAT's Call Ahead to Confirm Lab Availability.
Not all TAT options are valid for every test (7402, PLM NOB & 400 PC w/Gravimetric Reduction, TEM NOB, Culturable Fungi)

<input type="checkbox"/> 3 Hour	<input type="checkbox"/> 6 Hour	<input checked="" type="checkbox"/> 24 Hour	<input type="checkbox"/> 48 Hour	<input type="checkbox"/> 72 Hour	<input type="checkbox"/> 96 Hour	<input type="checkbox"/> 1 Week	<input type="checkbox"/> 2 Week
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Based on the turnaround time selected above, it is our belief that results are due on or before this Date & Time:

Asbestos	Lead (Pb) Flame Atomic Absorption	Microbiology
TEM: Air <input type="checkbox"/> 4-4.5 Hour Turnaround Time (AHERA ONLY) <input type="checkbox"/> AHERA 40 CFR, Part 763, Sub E <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II PLM: Bulk <input type="checkbox"/> 600/R-93/116 <input type="checkbox"/> PLM NOB w/Gravimetric Reduction <input type="checkbox"/> 400 Point Count <input type="checkbox"/> 400 Point Count w/Gravimetric Reduction TEM: Bulk <input type="checkbox"/> TEM EPA NOB TEM: Dust <input type="checkbox"/> ASTM Microvac <input type="checkbox"/> ASTM Wipe <input type="checkbox"/> Qualitative Other:	<input type="checkbox"/> Air: NIOSH 7082 RL: 4µg/filter <input type="checkbox"/> Soil: SW846-7000B RL: 40 mg/kg (ppm) <input type="checkbox"/> Chips: SW846-7000B RL: 0.01% <input type="checkbox"/> % by weight <input type="checkbox"/> mg/cm ² <input type="checkbox"/> ppm Wipe: SW846-7000B RL: 10 µg/wipe <input checked="" type="checkbox"/> ASTM <input type="checkbox"/> non ASTM <small>Assumed non ASTM if no box is checked</small> Other:	Air Samples <input type="checkbox"/> Fungi (Spore Trap) Allergenco-D Test: M032 <input type="checkbox"/> Fungi Culturable Genus Level ID Test: M005 Swab, Tape Lift, Bulk Samples <input type="checkbox"/> Mold & Fungi Direct Exam Test: M041 <input type="checkbox"/> Fungi Culturable Test: M007 (No Tape Lifts) Other:

Eagle Lab Instructions/Comments:
 Asbestos: Air - Do Not Analyze Outsides or Blanks Unless Authorized by Eagle Bulk - Please Stop on First Positive Within Sets
 Lead:
 Microbiology:

Sample #	I/O HA#	Sample Description	Sample Location	Volume (L) Area Sampled	Date/Time Sampled
7/27 MIR 01		Blank	/	/	
02		Blank	/	/	
03		Floor @ Entry	Front Hall	144	
04		Floor	Living Room	144	
05		Sill	↓	2.75 x 30.5	
06		Floor @ Entry	Kitchen	144	
07		Sill	↓	2.75 x 31	
08		Floor	Front Kid's Bed	144	
09		Sill	↓	144	
10		Floor	Rear Kid's Bed	144	
11		Sill	↓	6.25 x 15.5	

Client Sample #'s 7/27 MIR 01 - 11	Total # of Samples: 11
Relinquished (Client): <i>[Signature]</i>	Date: 7/27/16 Time: PM
Received (Lab): <i>[Signature]</i>	Date: 7/29/16 Time: 10:31 AM
Relinquished: <i>[Signature]</i>	Date: 7/28/16 Time: PM
Received:	Date: Time:

**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: 031622314
 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: 07/29/16 10:31 AM
 Collected: 7/27/2016

Project: 16-014.10T8/ CSA - 123 HIGH ST, MYSTIC - DUST/ CT

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

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Area Sampled</i>	<i>Lead Concentration</i>
7/27 MIR 01	031622314-0001	7/27/2016	7/29/2016	n/a	<10 µg/wipe
	Site: BLANK				
7/27 MIR 02	031622314-0002	7/27/2016	7/29/2016	n/a	<10 µg/wipe
	Site: BLANK				
7/27 MIR 03	031622314-0003	7/27/2016	7/29/2016	144 in ²	73 µg/ft ²
	Site: FRONT HALL/ FLOOR @ ENTRY				
7/27 MIR 04	031622314-0004	7/27/2016	7/29/2016	144 in ²	14 µg/ft ²
	Site: LIVING ROOM/ FLOOR				
7/27 MIR 05	031622314-0005	7/27/2016	7/29/2016	83.875 in ²	8300 µg/ft ²
	Site: LIVING ROOM/ SILL				
7/27 MIR 06	031622314-0006	7/27/2016	7/29/2016	144 in ²	31 µg/ft ²
	Site: KITCHEN/ FLOOR @ ENTRY				
7/27 MIR 07	031622314-0007	7/27/2016	7/29/2016	85.25 in ²	9100 µg/ft ²
	Site: KITCHEN/ SILL				
7/27 MIR 08	031622314-0008	7/27/2016	7/29/2016	144 in ²	84 µg/ft ²
	Site: FRONT KID'S BED/ FLOOR				
7/27 MIR 09	031622314-0009	7/27/2016	7/29/2016	144 in ²	49 µg/ft ²
	Site: FRONT KID'S BED/ SILL				
7/27 MIR 10	031622314-0010	7/27/2016	7/29/2016	144 in ²	<10 µg/ft ²
	Site: REAR KID'S BED/ FLOOR				
7/27 MIR 11	031622314-0011	7/27/2016	7/29/2016	96.875 in ²	4700 µg/ft ²
	Site: REAR KID'S BED/ 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 #102581, NYS ELAP 11506

Initial report from 07/29/2016 14:03:49



Chain of Custody

EMSL CT 29 N. Plains Hwy, # 4 Wallingford, CT 06492 Phone: 203-284-5948
EMSL NYC 307 West 38th Street New York, NY 10018 Phone: 212-290-0051
EMSL Corporate 200 Route 130 North Cinnaminson, NJ 08077 Phone: 800-220-3675

EMSL Order Number (Lab Use Only):
Additional Analysis Request
EMSL Order Number

EMSL ANALYTICAL, INC.

Eagle Environmental, Inc. EMSL Acct # EEVM50 Project Manager: AH Proj #: 16-014,1018
8 South Main Street, Suite 3, Terryville, CT 06786 Project: CSA-123 High St., Mystic, CT
Report To: Brandy LeBlanc Phone: 860-589-8257 US State Collected: CT Samples: Commercial/Taxable Residential/Tax Exempt
Email All Results to: bleblanc@eagleenviro.com rsioch@eagleenviro.com dwynne@eagleenviro.com Samples Collected by (Name): Michelle Rudy Signature: [Signature] Date(s) Collected: 7/27/16
Additional Contacts to Receive Email Results:
Verbal Results: Contact Name and Phone #:

Turnaround Time (TAT) Options - Please Check Box Below <24 HR TAT's Call Ahead to Confirm Lab Availability. Not all TAT options are valid for every test (7402, PLM NOB & 400 PC w/Gravimetric Reduction, TEM NOB, Culturable Fungi)

3 Hour 6 Hour 24 Hour 48 Hour 72 Hour 96 Hour 1 Week 2 Week

Based on the turnaround time selected above, it is our belief that results are due on or before this Date & Time:

Asbestos TEM: Air 4-4.5 Hour Turnaround Time (AHERA ONLY) AHERA 40 CFR, Part 763, Sub E NIOSH 7402 EPA Level II PLM: Bulk 600/R-93/116 PLM NOB w/Gravimetric Reduction 400 Point Count 400 Point Count w/Gravimetric Reduction TEM: Bulk TEM EPA NOB TEM: Dust ASTM Microvac ASTM Wipe Qualitative Other:
Lead (Pb) Flame Atomic Absorption Air: NIOSH 7082 RL: 4ug/filter Soil: SW846-7000B RL: 40 mg/kg (ppm) Chips: SW846-7000B RL: 0.01% % by weight mg/cm2 ppm Wipe: SW846-7000B RL: 10 ug/wipe ASTM non ASTM Assumed non ASTM if no box is checked Other:
Microbiology Air Samples Fungi (Spore Trap) Allergenco-D Test: M032 Fungi Culturable Genus Level ID Test: M005 Swab, Tape Lift, Bulk Samples Mold & Fungi Direct Exam Test: M041 Fungi Culturable Test: M007 (No Tape Lifts) Other:

Eagle Lab Instructions/Comments:

Asbestos: Air - Do Not Analyze Outsides or Blanks Unless Authorized by Eagle Bulk - Please Stop on First Positive Within Sets
Lead:
Microbiology:

Table with 6 columns: Sample #, I/O HA#, Sample Description, Sample Location, Volume (L) Area Sampled, Date/Time Sampled. Row 1: 7/27 MIR SOIL 01, Water intrusion remediation area, D-side, 225 SF, 16 JUL 29 11:10:31 AM, EASTMAN ANALYTICAL LAB

Client Sample #'s 7/27 - MIR SOIL 01 Total # of Samples: 1
Relinquished (Client): [Signature] Date: 7/27/16 Time: PM
Received (Lab): [Signature] Date: 7/29/16 Time: 10:31 AM
Relinquished: [Signature] Date: 7/28/16 Time: PM
Received: Date: Time:



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: 031622313
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: 07/29/16 10:31 AM
Collected: 7/27/2016

Project: 16-014.10T8/ CSA - 123 HIGH ST, MYSTIC, CT

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

<i>Client Sample Description</i>	<i>Lab ID</i>	<i>Collected</i>	<i>Analyzed</i>	<i>Lead Concentration</i>
7/27 MIR SOIL 01	031622313-0001	7/27/2016	7/29/2016	3800 mg/Kg
Site: D-SIDE/ WATER INTRUSION REMEDIATION AREA				

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 unless specifically indicated otherwise. Definitions of modifications are available upon request.

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

Initial report from 07/30/2016 09:40:34

APPENDIX 5
RADON TESTING REPORTS

Site Radon Inspection Report

Date : 08/03/2016

Mr. Aaron E. Hatcher
EAGLE ENVIRONMENTAL
8 South Main Street
Suite #3
Terryville, CT 06786-Client: PC# 16-014.10T8
Test Location: 123 High Street
Mystic, CT 06355-

Individual Canister Results

Canister ID# :	2485322	Test Start :	07/27/2016 @ 13:11
Canister Type :	Charcoal Canister 3 inch	Test Stop :	08/01/2016 @ 10:06
Location :	Basement-003	Received:	08/03/2016 @ 14:59
Radon Level :	1.1 pCi/L	Analyzed:	08/04/2016 @ 14:27
Error for Measurement is: ±	0.4 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 free 1-800-458-1158.

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 its consultants based on RTCA-provided results.

Andreas C. George
Radon Measurement Specialist
NJ MES 11089Dante Galan
Laboratory DirectorNRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

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: Mr. Aaron E. Hatcher

Company/Agency/Board of Ed: Eagle Environmental, Inc.

Address: 8 South Main St
Suite 3

City: Terryville State: CT Zip: 06786

Project Code (if any) 16-014, 1078

Fax or email: ahatcher@eagleenviro.com

Phone: (860) 589-8257

Building/School Information

School District: _____

School Code Number: _____

County: New London

Municipality: _____

Building/School Name: 123 High Street

Test Location Street Address: Mystic, CT

Placed By ID# MIR Retrieved by ID# MMR

Start Date: 7/27/16 Stop Date: 08/01/16

Weather During Test Partly Cloudy & Rain 2 days Sunny - 2 days

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.

REMOVE THIS PORTION AND AFFIX
TO TEST INFORMATION FORM
2485322



Start Time: 7/27-1311 Stop Time: 10:06am Duplicate? no

Room# or other identifier 003

Blank? no Floor: Basement

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: _____

APPENDIX 6
MOLD INSPECTION FORMS



MOLD OBSERVATION FORM

Eagle Project No: 16-014-1078 Date: 7/27/16 Inspector: MJR

Facility Address: 123 High Street, Mystic, CT

Location	Observation	Sample Number
Basement 003	Owner regularly sprays ceiling deck & beams with bleach to prevent mold. No mold observed. Possible mold observed on wood and stone walls. Small amount on wood stairs in addition to water staining. Brick chimney and dirt floor show signs of moisture.	
Piano Room 008 (1 st Floor)	Peeling and cracking paint from previous water intrusion caused by blown-off clapboards during the storm. Owner put new clapboards up & stopped the leak. No visible mold.	



MOLD MOISTURE READING FORM

Eagle Project No: 16-014.1078 Date: 7/27/16 Inspector: MIR

Facility Address: 123 High Street, Mystic, CT

MOISTURE MODE						
ROOM	COMPONENT	SUBSTRATE	REL. SURFACE MOISTURE	DRY	AT RISK	WET
Basement (003)	Stairs	Wood	173		X	
	Wall	Wood	214			X
	Wall	Stone	248			X
	Ceiling	Wood	160	X		
	Chimney	Brick	> 1000			X
	Floor	Dirt	71000 @ visibly wet depression			X
	Floor	Dirt	211 @ higher elevation			X
1 st Floor	Wall	Plaster	149	X		
Piano Room (008)	Ceiling	Plaster	141	X		

HYGROMETER MODE				
TIME	ROOM	% RELATIVE HUMIDITY	AIR TEMP.	DEW POINT TEMP.
1520	003	69.5	25.9°C	19.3°C
1541	008	50.4	30.1°C	18.6°C

APPENDIX 7

RCRA 8 METALS LABORATORY REPORT



Tuesday, August 09, 2016

Attn: Mr. Peter Folino
Eagle Environmental Inc.
8 South Main Street, Suite 3 ©
Terryville CT 06786

Project ID: CSA 123 HIGH ST MYSTIC
Sample ID#s: BN86097

This laboratory is in compliance with the NELAC requirements of procedures used except where indicated.

This report contains results for the parameters tested, under the sampling conditions described on the Chain Of Custody, as received by the laboratory.

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

A scanned version of the COC form accompanies the analytical report and is an exact duplicate of the original.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

A handwritten signature in cursive script that reads "Phyllis Shiller".

Phyllis Shiller
Laboratory Director

NELAC - #NY11301
CT Lab Registration #PH-0618
MA Lab Registration #MA-CT-007
ME Lab Registration #CT-007
NH Lab Registration #213693-A,B

NJ Lab Registration #CT-003
NY Lab Registration #11301
PA Lab Registration #68-03530
RI Lab Registration #63
VT Lab Registration #VT11301



Environmental Laboratories, Inc.
 587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
 Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report
 August 09, 2016

FOR: Attn: Mr. Peter Folino
 Eagle Environmental Inc.
 8 South Main Street, Suite 3 ©
 Terryville CT 06786

Sample Information

Matrix: SOLID
 Location Code: EAGLEENV
 Rush Request: 72 Hour
 P.O.#: 16-014.10T8

Custody Information

Collected by:
 Received by: SW
 Analyzed by: see "By" below

Date

07/27/16

Time

14:43

Laboratory Data

SDG ID: GBN86097
 Phoenix ID: BN86097

Project ID: CSA 123 HIGH ST MYSTIC
 Client ID: 8-02-MIR RCRA 1

Parameter	Result	RL/ PQL	Units	Dilution	Date/Time	By	Reference
Silver	0.52	0.44	mg/Kg	1	08/05/16	LK	SW6010C
Arsenic	58.3	0.88	mg/Kg	1	08/05/16	LK	SW6010C
Barium	472	0.44	mg/Kg	1	08/05/16	LK	SW6010C
Cadmium	2.11	0.44	mg/Kg	1	08/05/16	LK	SW6010C
Chromium	22.7	0.44	mg/Kg	1	08/05/16	LK	SW6010C
Mercury	13.3	1.6	mg/Kg	1	08/05/16	MA	SW7471B
Lead	3180	440	mg/Kg	1000	08/09/16	LK	SW6010C
Selenium	15.9	1.8	mg/Kg	1	08/05/16	LK	SW6010C
Percent Solid	78		%		08/04/16	W	SW846-%Solid
Mercury Digestion	Completed				08/05/16	W/W	SW7471B
Total Metals Digest	Completed				08/04/16	X/AG	SW3050B

RL/PQL=Reporting/Practical Quantitation Level ND=Not Detected BRL=Below Reporting Level

Comments:

All soils, solids and sludges are reported on a dry weight basis unless otherwise noted in the sample comments.

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

This report must not be reproduced except in full as defined by the attached chain of custody.

Phyllis Shiller, Laboratory Director

August 09, 2016

Reviewed and Released by: Bobbi Aloisa, Vice President



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O.Box 370, Manchester, CT 06045
Tel. (860) 645-1102 Fax (860) 645-0823

QA/QC Report

August 09, 2016

QA/QC Data

SDG I.D.: GBN86097

Parameter	Blank	Blk RL	Sample Result	Dup Result	Dup RPD	LCS %	LCSD %	LCS RPD	MS %	MSD %	MS RPD	% Rec Limits	% RPD Limits
QA/QC Batch 354736 (mg/kg), QC Sample No: BN86016 (BN86097)													
Mercury - Soil	BRL	0.03	0.22	0.26	16.7	101	95.0	6.1	122			70 - 130	30
Comment:													
Additional Mercury criteria: LCS acceptance range for waters is 80-120% and for soils is 70-130%.													
QA/QC Batch 354658 (mg/kg), QC Sample No: BN86102 (BN86097)													
ICP Metals - Soil													
Arsenic	BRL	0.67	4.12	4.37	5.90	92.8			86.3			75 - 125	30
Barium	BRL	0.33	37.0	38.3	3.50	89.4			105			75 - 125	30
Cadmium	BRL	0.33	1.75	1.83	NC	89.0			86.6			75 - 125	30
Chromium	BRL	0.33	11.6	11.9	2.60	95.7			93.9			75 - 125	30
Lead	BRL	0.33	136	135	0.70	89.1			83.3			75 - 125	30
Selenium	BRL	1.3	<1.5	<1.6	NC	83.9			79.9			75 - 125	30
Silver	BRL	0.33	<0.38	<0.40	NC	94.0			92.8			75 - 125	30

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

RPD - Relative Percent Difference

LCS - Laboratory Control Sample

LCSD - Laboratory Control Sample Duplicate

MS - Matrix Spike

MS Dup - Matrix Spike Duplicate

NC - No Criteria

Intf - Interference

Phyllis Shiller, Laboratory Director

August 09, 2016

Sample Criteria Exceedences Report

GBN86097 - EAGLEENV

Criteria: None

State: CT

SampNo Acode Phoenix Analyte

Criteria

Result

RL

Criteria

RL
Criteria

Analysis
Units

*** No Data to Display ***

Phoenix Laboratories does not assume responsibility for the data contained in this report. It is provided as an additional tool to identify requested criteria exceedences. All efforts are made to ensure the accuracy of the data (obtained from appropriate agencies). A lack of exceedence information does not necessarily suggest conformance to the criteria. It is ultimately the site professional's responsibility to determine appropriate compliance.

CHAIN OF CUSTODY RECORD

587 East Middle Turnpike, P.O. Box 370, Manchester, CT 06040
 Email: info@phoenixlabs.com Fax (860) 645-0823
 Client Services (860) 645-8726



Customer: Environmental Environmental, Inc
 Address: 8 S. MAIN STREET
TERRYVILLE, CT 06786

Project: CSA-123 High St. MISTIC
 Report to: BAAGLE
 Invoice to: ↓

Project P.O.:

This section **MUST** be completed with Bottle Quantities.

Coolant: IPK ICE No No
 Cooler: Yes No
 Temp 0 °C Pg of
 Contact Options:
 Fax:
 Phone:
 Email:

PHOENIX USE ONLY SAMPLE #	Customer Sample Identification	Sample Matrix	Date Sampled	Time Sampled	Analysis Request
80097	8-02-NIR RCRA 1 S	S	7/23/16	1 PM	SOIL VOA Vial [metanol] H2O GL Soil container (L) oz 40 ml VOA Vial [As] HCl GL Soil container (L) oz GL Amber 100ml [As] HCl PL AS [As] [1250ml] [1500ml] [1750ml] [1000ml] PL H2SO4 [250ml] [250ml] [250ml] [250ml] PL HNO3 250ml Bacteria Bottle

Relinquished by: [Signature] Accepted by: [Signature]
 Date: 8/4/16 Time: 13:0
 RI: Direct Exposure (Residential) GW Other
 CT: RCP Cert GW Protection SW Protection GA Mobility GB Mobility Residential DEC I/C DEC Other
 MA: MCP Certification GW-1 GW-2 GW-3 S-1 S-2 S-3 MWRA eSMART Other
 Data Format: Excel PDF GIS/Key EQUIS Other
 Data Package: Tier II Checklist Full Data Package* Phoenix Std Report Other
 Turnaround: 1 Day* 2 Days* 3 Days* Standard Other
 * SURCHARGE APPLIES
 State where samples were collected: CT
 * SURCHARGE APPLIES
 Comments, Special Requirements or Regulations:
TOTAL RCRA 8

APPENDIX 8

ABATEMENT AND CONSULTING COST ESTIMATE

HAZARDOUS MATERIALS ABATEMENT COST ESTIMATES
APPLICATION NO. 1611
123 HIGH STREET
MYSTIC, CONNECTICUT

LEAD BASED PAINT COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
LEAD-BASED PAINT CONTINGENCY	1	\$ 54,500.00 EACH	\$ 54,500.00
SUBTOTAL			\$ 54,500.00
LEAD RENOVATION CONTINGENCY			<u>\$ 10,900.00</u>
LEAD RENOVATION TOTAL			\$ 65,400.00

MICROBIAL CONTAMINATION REMEDIATION COST ESTIMATE

MATERIAL	QUANTITY	UNIT COST	TOTAL COST
MICROBIAL REMEDIATION PER SCOPE	1	\$ 3,500.00 EACH	\$ 3,500.00
SUBTOTAL			\$ 3,500.00
MICROBIAL REMEDITION CONTINGENCY			<u>\$ 350.00</u>
MICROBIAL REMEDIATION TOTAL			\$ 3,850.00

HAZARDOUS MATERIALS ABATEMENT SUBTOTAL **\$ 69,250.00**

HAZARDOUS MATERIALS CONSULTING COST ESTIMATE

CONSULTING COST	QUANTITY	UNIT COST	TOTAL COST
HAZARDOUS MATERIALS CONSULTING CONTIN.	1	\$7,000.00 EACH	\$ 7,000.00
SUBTOTAL			\$ 7,000.00
CONSULTING CONTINGENCY			<u>\$ 700.00</u>
CONSULTING TOTAL			\$ 7,700.00

GRAND TOTAL **\$ 76,950.00**

APPENDIX 9

**EAGLE ENVIRONMENTAL, INC. LICENSES AND LABORATORY
CERTIFICATES**

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A
LEAD CONSULTANT CONTRACTOR

EAGLE ENVIRONMENTAL INC.

LICENSE NO.
001723

CURRENT THROUGH
04/30/17

VALIDATION NO.
03-467569


SIGNATURE


COMMISSIONER

CERTIFICATE OF ACHIEVEMENT

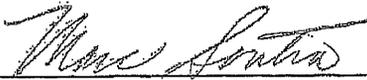
This certifies that

Michelle Rudy

has successfully completed the
**Asbestos Site Inspector Refresher Training
Asbestos Accreditation Under TSCA Title II
40 CFR Part 763**

conducted by

ATC Group Services, LLC
73 William Franks Drive
West Springfield, MA 01089
(413) 781-0070



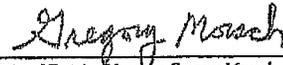
Principal Instructor: Marcus Souza

December 17, 2015

Date of Course

December 17, 2016

Expiration Date



Regional Training Manager: Gregory Morsch

SIAR-5315

Certificate Number

December 17, 2015

Examination Date

STATE OF CONNECTICUT DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A
ASBESTOS CONSULTANT-INSPECTOR

MICHELLE I RUDY

CERTIFICATE NO.
000848

CURRENT THROUGH
01/31/17

VALIDATION NO.
03-388382


SIGNATURE
ACTING COMMISSIONER

CERT# L-600 - 808

CHEMSCOPE TRAINING DIVISION
LEAD INSPECTOR/RISK ASSESSOR REFRESHER
8 HOUR TRAINING CERTIFICATE
Michelle Rudy
8 South Main Street Suite 3, Terryville CT

Has attended an 8 hour course on the subject discipline in English on
3/12/2015 and has passed a written and hands on skills examination.

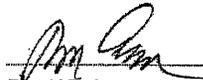
The above individual has successfully completed the above training course approved in accordance with the Department of Public Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes.

Course syllabus includes all required topics of State of Connecticut DPH and EPA.

Examination Date: 3/12/2015

Expiration Date: 3/12/2016

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (U.S.C. 1001 and 15 U.S.C. 2615), I certify that this training complies with all applicable requirements of Title IV of TSCA, 40 CFR part 745 and any other applicable Federal, State, or local requirements.



Ronald D. Arena
Training Manager

Chem Scope, Inc.
15 Moulthrop Street
North Haven CT 06473
(203) 865-5805

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

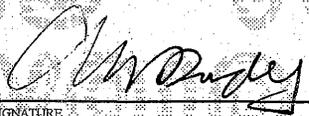
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A
LEAD INSPECTOR RISK ASSESSOR

MICHELLE I. RUDY

CERTIFICATE NO.
002197

CURRENT THROUGH
01/31/17

VALIDATION NO.
03-388380



SIGNATURE



ACTING COMMISSIONER

CERT# L-600 - 815

**CHEMSCOPE TRAINING DIVISION
LEAD INSPECTOR/RISK ASSESSOR REFRESHER
8 HOUR TRAINING CERTIFICATE**

**Hannah Hintz
8 South Main Street Suite 3, Terryville CT**

Has attended an 8 hour course on the subject discipline in English on
9/3/2015 and has passed a written and hands on skills examination.

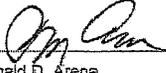
The above individual has successfully completed the above training course approved in accordance with the Department of
Public Health Standards established pursuant to Section 20-477, of the Connecticut General Statutes.

Course syllabus includes all required topics of State of Connecticut DPH and EPA.

Examination Date: 9/3/2015

Expiration Date: 9/3/2016

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations
(U.S.C. 1001 and 15 U.S.C. 2615), I certify that this training complies with all applicable requirements of Title IV of TSCA, 40
CFR part 745 and any other applicable Federal, State, or local requirements.


Ronald D. Arena
Training Manager

Chem Scope, Inc.
15 Mouthrop Street
North Haven CT 06473
(203) 855-6605

**STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH**

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

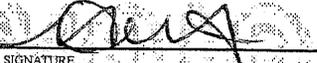
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A
LEAD INSPECTOR RISK ASSESSOR

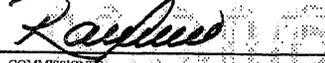
HANNAH E HINTZ

CERTIFICATE NO.
002244

CURRENT THROUGH
06/30/17

VALIDATION NO.
03-516001


SIGNATURE


COMMISSIONER

CERT# L-700 - 293

CHEMSCOPE TRAINING DIVISION
LEAD PLANNER DESIGNER REFRESHER
8 HOUR TRAINING CERTIFICATE
Aaron Hatcher
8 South Main Street Suite 3, Terryville CT

Has attended an 8 hour Course on the subject discipline in English on
2/15/2016 and has passed a written and hands on skills examination.

The above named individual has successfully completed the above training course approved in accordance with the
Department of Public Health Standards established pursuant to Section 20-477 of the Connecticut General Statutes.

Course syllabus includes all required topics of the State of Connecticut DPH and EPA.

Examination Score: 95%

Examination Date: 2/15/2016

Expiration Date: 2/15/2017

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations
(U.S.C. 1001 and 16 U.S.C. 2615), I certify that this training complies with all applicable requirements of Title IV of TSCA, 40
CFR part 745 and any other applicable Federal, State, or local requirements.



Ronald D. Arena
Training Manager

Chem Scope, Inc.
15 Moulthrop Street
North Haven CT 06473
(203) 866-5605

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT,

THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

LEAD PLANNER/PROJECT DESIGNER

AARON HATCHER

CERTIFICATE NO.
002157

CURRENT THROUGH
05/31/17

VALIDATION NO.
03-494803


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

Environmental Health & Housing

Examination For:

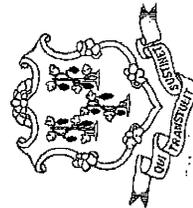
Bulk - Identification (PLM, TEM)
Air - Fiber Counting (PCM, TEM)
Water - TEM

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, 2016 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH DATED AT HARTFORD, CONNECTICUT, THIS 3rd DAY OF September 2014



Registration No.

PH-0170

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

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.

PHOENIX ENVIRONMENTAL LABORATORIES, INC.

LOCATED AT 587 East Middle Turnpike IN Manchester, Connecticut 06040
AND REGISTERED IN THE NAME OF Allan E. Caffyn
THIS CERTIFICATE IS ISSUED IN THE NAME OF Phyllis Shiller (Chemistry) WHO HAS BEEN DESIGNATED
Kathleen Cressia (Microbiology)

BY THE REGISTERED OWNER AUTHORIZED AGENT TO BE IN CHARGE OF THE LABORATORY WORK COVERED BY THIS CERTIFICATE OF APPROVAL AS FOLLOWS:

DRINKING WATER, NON-POTABLE/WASTEWATER, SOLID WASTE/SOIL

Examination For:

BACTERIA
INORGANIC CHEMICALS
ORGANIC CHEMICALS

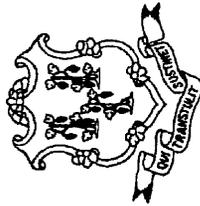
ENVIRONMENTAL HEALTH & HOUSING

Examination For:

LEAD IN PAINT, LEAD IN DUST WIPES, LEAD (PAINT) IN SOIL

SEE COMPUTER PRINT-OUT FOR SPECIFIC TESTS APPROVED

THIS CERTIFICATE EXPIRES June 30, 2018 AND IS REVOCABLE FOR CAUSE BY THE STATE DEPARTMENT OF PUBLIC HEALTH
DATED AT HARTFORD, CONNECTICUT, THIS 29th DAY OF June 2016



Registration
No.
PH - 0618

SUZANNE BLANCAFLOR, MS
CHIEF, ENVIRONMENTAL HEALTH SECTION

The National Radon Safety Board

National Radon Safety Board

NRSB

Certified Radon Professionals

Radon Testing Corporation of America

**Located at: 2 Hayes Street
Elmsford NY 10523**

has successfully met the established and published requirements for Accreditation by The National Radon Safety Board as an

ACCREDITED RADON CHAMBER

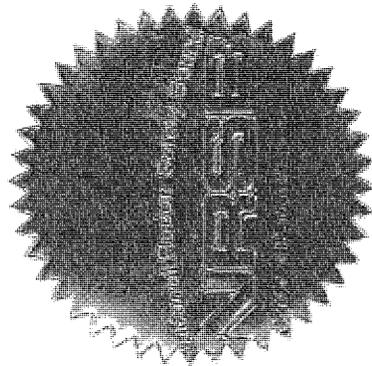
Tertiary Radon Chamber

NRSB TRC5001

Certification Number

11/30/2016

Expiration Date



Michelle Kuntelich
Executive Secretary

This certificate is the property of The National Radon Safety Board and is not official without the raised seal.