

Figure E-10 Statutory Checklist

**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 No. DOH 1214, 41 Hillside Avenue, Milford, Connecticut

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 type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No adverse effect to the property. See attached letter from SHPO dated July 22, 2014
2. Floodplain Management [58.5(b)] [Ex Or 11988] [24 CFR 55]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Flood Zone AE, FEMA FIRMette Panel 09009C0534J map revised July 8, 2013 attached Appendix B attached
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"/>	USFWS Wetlands Inventory map indicates the presence of wetland. See CT licenced Soil Scientist Report (attached) for clarification
4. Coastal Zone Management [58.5(c)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Parcel shown within Coastal Area Management (CAM) – waived, See Appendix B
5. Water Quality – Aquifers [58.5(d)] [40 CFR 149]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No aquifers were identified in the area of the site on the CTDEEP GIS, See attached map
6. Endangered Species [58.5(e)] [16 U.S.C. 1531 et seq.]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Site is located with a NDDB area however it is not waterfront property on a sandy beach
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"/>	Per the CT DEEP there are no Wild and Scenic Rivers in the Town of Milford
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"/>	Any air quality impacts should be short term and localized
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"/>	Site has already been developed and no additional clearing is required for the rehabilitation

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.
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"/>	There will be no change in density or change of use. See attached letter from Milford Fire Department
10 B. Noise [58.5(i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Not applicable per CPD-13-05. The site will be substantially restored to pre-disaster conditions
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"/>	Site is located outside the Sikorsky Airport clear zone and the airport is not typically used as a military airfield
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"/>	This site is not located on an EPA Superfund National Priorities or CERCLA list or CT equivalent; there are no known non-residential underground fuel oil tanks; it is not known or suspected to be contaminated with toxic chemical or radioactive materials; the site is not located within 3000 feet of a toxic waste or solid waste landfill
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 site is NOT located within a predominately minority or low income neighborhood
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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Policy is attached per federal regulations and program guidelines. Owner is required to obtain and maintain flood insurance for a five year period as a prerequisite for receiving assistance
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 only Coastal Barrier Zone in Milford is located at Nells Island and Duck Island in the southwest section of the town per FIRM Panels 09009C0528J and 09009C0536J both with effective date 7/8/2013. Also see attached map of the John Chaffe Coastal Barrier Resource System
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 property is not for sale and Airport Clear Zone for Sikorsky Airport & Tweed New Haven do not cross municipal boundaries
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 impact is expected to be minimal as the scope of the project is limited to pre-storm building footprint
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"/>	Project will not impact any water bodies
13 C. Lead-Based Paint [24 CFR Part 35] and [40 CFR 745.80 Subpart E]	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	A site survey performed by Loureiro Engineering Associates identified lead-based paints and provides recommendations for removal. See attached report

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.
13 D. Asbestos	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	A site survey performed by Loureiro Engineering Associates did not identified asbestos containing materials. See attached report
13 E. Radon [50.3 (i) 1]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Testing will be preformed upon completion of an enclosed ground level space (if applicable) and appropriate recommendation for mitigation will be provided
13 F. Mold	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	A survey of the site performed by Loureiro Engineering Associates identified mold at the site and provides recommendations for removal. See attached report
Other: State or Local 14 A. Flood Management Certification [CGS 25-68]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project is compliant with DEEP Flood Management Certification, Appendix B attached
14 B. Structures, Dredging & Fill Act [CGS 22a-359 to 22a-363f]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Activities do not require approval from CTDEEP OLISP Permitting section
14 C. Tidal Wetlands Act [CGS 22a-28 to 22a-35]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	USFWS Wetlands Inventory map indicates the presence of tidal wetlands. See CT licenced Soil Scientist Report (attached) for clarification
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"/>	Property is not located within regulated wetlands, See aforementioned Certified Soil Scientist Report
14 E. Various municipal zoning approvals	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Building and Zoning permits attached

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 itigation. Complete consultation/mitigation requirements, publish NOI/RROF 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:



Name: Edward G. Shelomis, P.E., Vice President

4/30/2015
Date

Responsible Entity or designee Signature:

Hermia Delaire, CDBG-DR Program Manager

Date



Department of Economic and
Community Development

Connecticut
still revolutionary

12/14
sm

received
1-29-15

July 22, 2014

Hermia M. Delaire
Program Manager
CDBG - Sandy Disaster Recovery Program
Department of Housing
505 Hudson Street
Hartford, CT 06106

Subject: Department of Housing Superstorm Sandy Reviews
41 Hillside Avenue
Milford, CT

Dear Ms. Delaire:

The State Historic Preservation Office has reviewed the information submitted to our office for the above-named property pursuant to the provisions of Section 106 of the National Historic Preservation Act of 1966. It is the opinion of this office that the property located at 41 Hillside Avenue in Milford is eligible for listing on the National Register of Historic Places as a contributing resource to a potential historic district. The proposed work plan consists of elevating and rehabilitating this structure. Because these changes do not impact the character defining features of the property, the SHPO has determined that the undertaking will have no adverse effects to this potentially eligible historic property.

The State Historic Preservation Office appreciates the opportunity to review and comment upon this project. For further information please contact Catherine Labadia, Environmental Reviewer, at (860) 256-2764 or catherine.labadia@ct.gov.

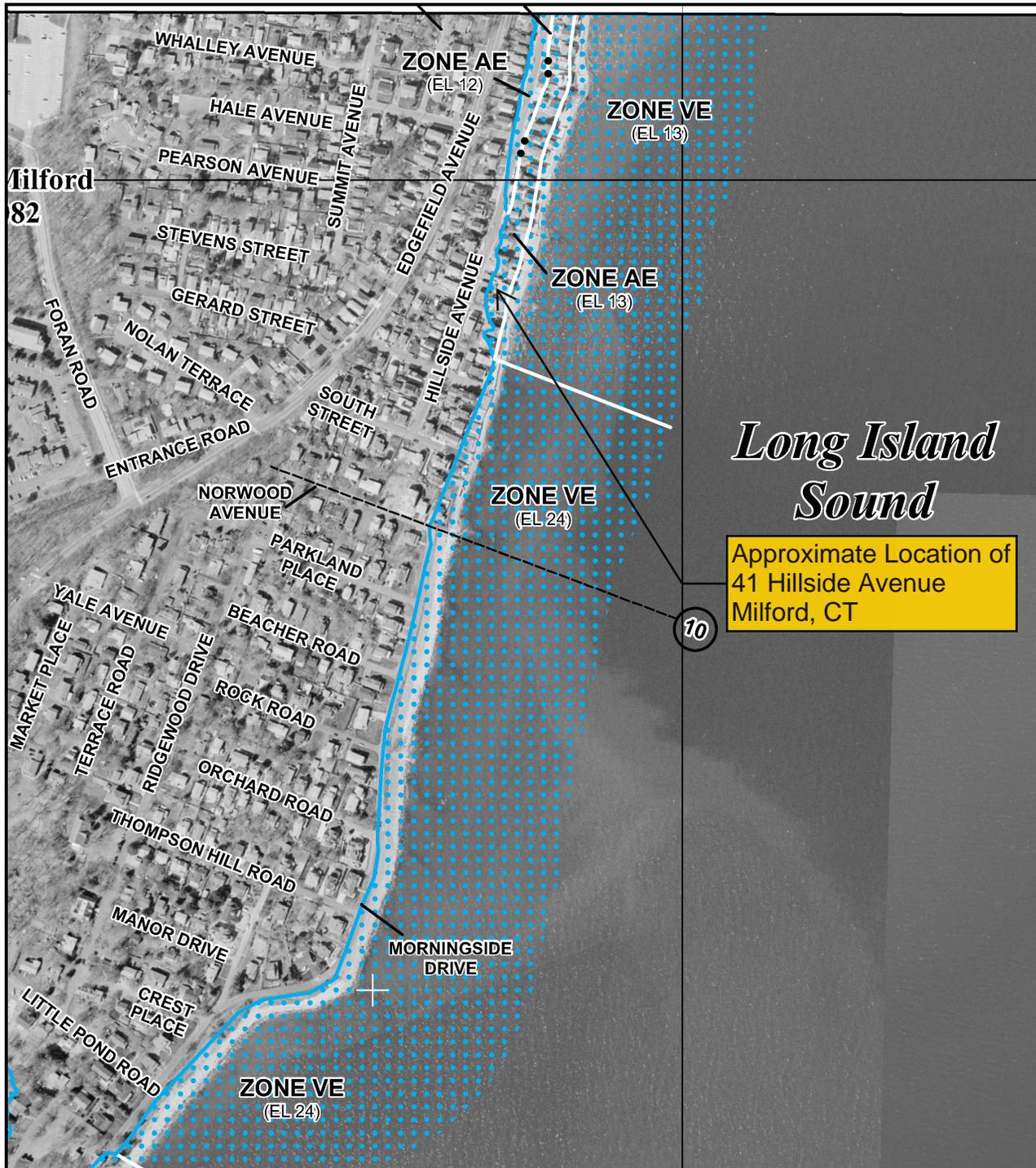
Sincerely,

Daniel T. Forrest
State Historic Preservation Officer

State Historic Preservation Office

One Constitution Plaza | Hartford, CT 06103 | P: 860.256.2800 | Cultureandtourism.org

An Affirmative Action/Equal Opportunity Employer An Equal Opportunity Lender

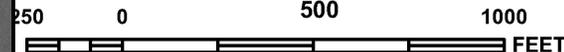


Long Island Sound

Approximate Location of
41 Hillside Avenue
Milford, CT



MAP SCALE 1" = 500'



PANEL 0534J

FIRM

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

PANEL 534 OF 635
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MILFORD, CITY OF	090082	0534	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
09009C0534J

MAP REVISED
JULY 8, 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



U.S. Fish and Wildlife Service National Wetlands Inventory

DOH 1214

Mar 6, 2015



Wetlands

- Freshwater Emergent
- Freshwater Forested/Shrub
- Estuarine and Marine Deepwater
- Estuarine and Marine
- Freshwater Pond
- Lake
- Riverine
- Other

Approximate Location of 41 Hillside Avenue, Milford, CT

This map is for general reference only. The US Fish and Wildlife Service is not responsible for the accuracy or currentness of the base data shown on this map. All wetlands related data should be used in accordance with the layer metadata found on the Wetlands Mapper web site.

User Remarks:

41 Hillside Avenue Milford, CT

JMM WETLAND CONSULTING SERVICES, LLC

**23 Horseshoe Ridge Road
Newtown, CT 06482**

Phone: 203-364-0345
Mobile: 203-994-3428
james@jmmwetland.com
jmmwetland.com

March 17, 2015

Mr. Rafael Amaya, AIA
Amaya Architects
284 Racebrook Road #1D
Orange, CT 06477

RE: *Site Investigation/Wetland Delineation*
41-43 Hillside Avenue, Milford, Connecticut

JMM Job # 15-1769-MIL-1

Dear Mr. Amaya:

As per your request, Mr. James McManus a soil and wetland scientist with **JMM Wetland Consulting Services, LLC** (JMM) conducted a site visit at the above-referenced site on March 17th, 2015. The purpose of the investigation was to verify the absence or the presence of regulated wetland areas in accordance with the State of Connecticut Statutes (i.e. tidal and inland). The subject site is located south/southeast of Hillside Avenue in Milford, CT. The site is currently a developed lot with two attached single-family residences, paved driveway, concrete sidewalks and deck, concrete seawall, stone seawall, and coastal features located east of the concrete seawall (see photos 1-2, attached).

The upland soils on the site were observed to be disturbed throughout. The disturbed “upland type” soils are mapped as the Udorthents (308) mapping unit.

Udorthents (308). This soil mapping unit consists of well drained to moderately well drained soils that have been altered by cutting, filling, or grading. The areas either have had two feet or more of the upper part of the original soil removed or have more than two feet of fill material on top of the original soil. *Udorthents* or Made Land soils can be found on any soil parent material but are typically fluvial on glacial till plains and outwash plains and stream terraces.

No poorly or very poorly drained soils (i.e. inland wetland regulated areas) or watercourses were identified on the overall property. However, coastal features were observed east of the existing concrete seawall (see photo 2).

Any tidal marsh soils found would most likely be associated with the very poorly drained Westbrook (98) soil series.

Westbrook mucky peat (98). The Westbrook series consists of very deep, very poorly drained soils formed in organic deposits over loamy mineral material. They are in tidal marshes subject to inundation by salt water twice daily. Saturated hydraulic conductivity is moderately high to very high in the organic layers and low to high in the underlying mineral sediments.

Please call us if you have any questions on the above or need further assistance.

Respectfully submitted,

JMM WETLAND CONSULTING SERVICES, LLC



James M. McManus, MS, CPSS
Certified Professional Soil Scientist (No. 15226)

Attachments: Photos 1-2, USDA-NRCS Web Soil Survey



Photo 1: View of concrete deck and residence along eastern part of site (JMM photo taken 3/17/15); facing southwesterly

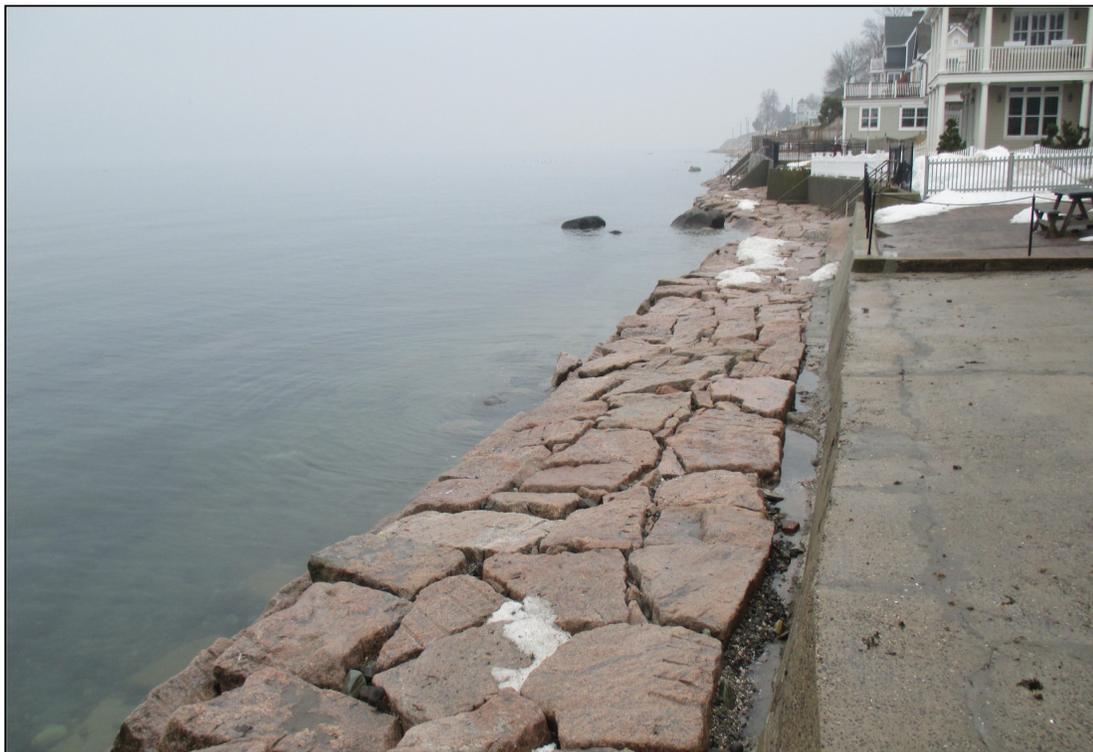
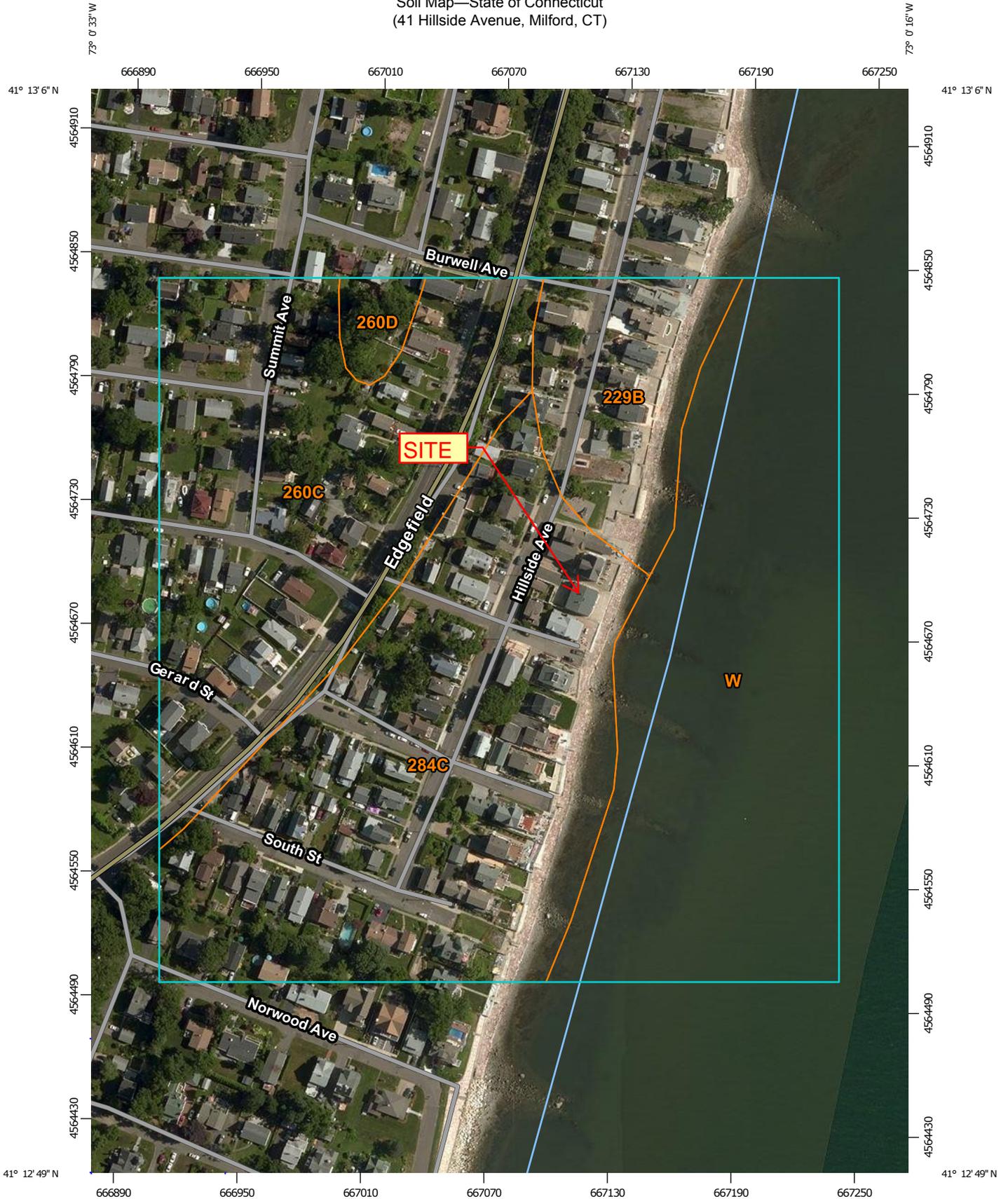
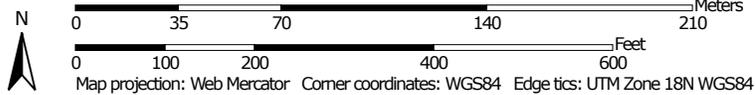


Photo 2: View of concrete/stone seawalls along eastern part of site (JMM photo taken 3/17/15); facing southeasterly

Soil Map—State of Connecticut
(41 Hillside Avenue, Milford, CT)



Map Scale: 1:2,560 if printed on A portrait (8.5" x 11") sheet.



Map projection: Web Mercator Corner coordinates: WGS84 Edge tics: UTM Zone 18N WGS84



MAP LEGEND

Area of Interest (AOI)

 Area of Interest (AOI)

Soils

 Soil Map Unit Polygons

 Soil Map Unit Lines

 Soil Map Unit Points

Special Point Features



Blowout



Borrow Pit



Clay Spot



Closed Depression



Gravel Pit



Gravelly Spot



Landfill



Lava Flow



Marsh or swamp



Mine or Quarry



Miscellaneous Water



Perennial Water



Rock Outcrop



Saline Spot



Sandy Spot



Severely Eroded Spot



Sinkhole



Slide or Slip



Sodic Spot



Spoil Area



Stony Spot



Very Stony Spot



Wet Spot



Other



Special Line Features

Water Features



Streams and Canals

Transportation



Rails



Interstate Highways



US Routes



Major Roads



Local Roads

Background



Aerial Photography

MAP INFORMATION

The soil surveys that comprise your AOI were mapped at 1:12,000.

Warning: Soil Map may not be valid at this scale.

Enlargement of maps beyond the scale of mapping can cause misunderstanding of the detail of mapping and accuracy of soil line placement. The maps do not show the small areas of contrasting soils that could have been shown at a more detailed scale.

Please rely on the bar scale on each map sheet for map measurements.

Source of Map: Natural Resources Conservation Service
 Web Soil Survey URL: <http://websoilsurvey.nrcs.usda.gov>
 Coordinate System: Web Mercator (EPSG:3857)

Maps from the Web Soil Survey are based on the Web Mercator projection, which preserves direction and shape but distorts distance and area. A projection that preserves area, such as the Albers equal-area conic projection, should be used if more accurate calculations of distance or area are required.

This product is generated from the USDA-NRCS certified data as of the version date(s) listed below.

Soil Survey Area: State of Connecticut
 Survey Area Data: Version 13, Oct 28, 2014

Soil map units are labeled (as space allows) for map scales 1:50,000 or larger.

Date(s) aerial images were photographed: Mar 28, 2011—Jul 22, 2014

The orthophoto or other base map on which the soil lines were compiled and digitized probably differs from the background imagery displayed on these maps. As a result, some minor shifting of map unit boundaries may be evident.

Map Unit Legend

State of Connecticut (CT600)			
Map Unit Symbol	Map Unit Name	Acres in AOI	Percent of AOI
229B	Agawam-Urban land complex, 0 to 8 percent slopes	2.4	8.4%
260C	Charlton-Urban land complex, 8 to 15 percent slopes	7.5	26.8%
260D	Charlton-Urban land complex, 15 to 25 percent slopes	0.4	1.4%
284C	Paxton-Urban land complex, 8 to 15 percent slopes	9.5	34.1%
W	Water	8.2	29.3%
Totals for Area of Interest		27.9	100.0%



Approximate location of 41 Hillside Avenue, Milford, CT

Legend

- Final Adopted Aquifer Protection
- Final Aquifer Protection
- Preliminary Aquifer Protection



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 3301
PHONE: (603)223-2541 FAX: (603)223-0104
URL: www.fws.gov/newengland

Consultation Code: 05E1NE00-2015-SLI-0314

March 06, 2015

Event Code: 05E1NE00-2015-E-00501

Project Name: DOH 1214

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: DOH 1214

Official Species List

Provided by:

New England Ecological Services Field Office
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 3301
(603) 223-2541
<http://www.fws.gov/newengland>

Consultation Code: 05E1NE00-2015-SLI-0314

Event Code: 05E1NE00-2015-E-00501

Project Type: ** Other **

Project Name: DOH 1214

Project Description: 14 Hillside Avenue
Milford, CT

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: DOH 1214

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-73.0067631 41.2165124, -73.0067559 41.2165144, -73.0067481 41.2165136, -73.0063162 41.2163764, -73.0063088 41.2163721, -73.0063039 41.2163651, -73.0063023 41.2163568, -73.0063044 41.2163485, -73.0063769 41.2162012, -73.006381 41.2161955, -73.006387 41.2161916, -73.0063938 41.21619, -73.0064009 41.2161909, -73.0068461 41.2163322, -73.0068536 41.2163366, -73.0068585 41.2163437, -73.00686 41.2163523, -73.0068577 41.2163607, -73.0067827 41.2165019, -73.0067777 41.2165079, -73.0067709 41.2165116, -73.0067631 41.2165124), (-73.0067527 41.216473, -73.0068111 41.2163631, -73.0064051 41.2162343, -73.0063505 41.2163453, -73.0067527 41.216473)))

Project Counties: New Haven, CT



United States Department of Interior
Fish and Wildlife Service

Project name: DOH 1214

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		
Roseate tern (<i>Sterna dougallii dougallii</i>) Population: northeast U.S. nesting pop.	Endangered		



United States Department of Interior
Fish and Wildlife Service

Project name: DOH 1214

Critical habitats that lie within your project area

There are no critical habitats within your project area.



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, 2015

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> (accessed January 2015)

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



Milford Fire Rescue

EMS/Safety/Hazmat



**To: Thomas Ivers, CDBG Coordinator
Community Development**

From: Captain Christopher Waiksnoris

Date: November 17, 2014

Subject: Thermal/Explosive/Toxic Hazards

Mr. Ivers,

A review of Milford Fire Department record and site review indicate there are no conditions present that would subject the above listed property to any foreseeable Thermal/Explosive/Toxic Hazard.

This information is provided only for the propose of the United States Department of Housing and Development to approve and fund a Community Development Block Grant application for the property listed as 41 Hillside Ave. This information may not be relied upon by any other person or organizations other than the United States Department of Housing and Urban Development.

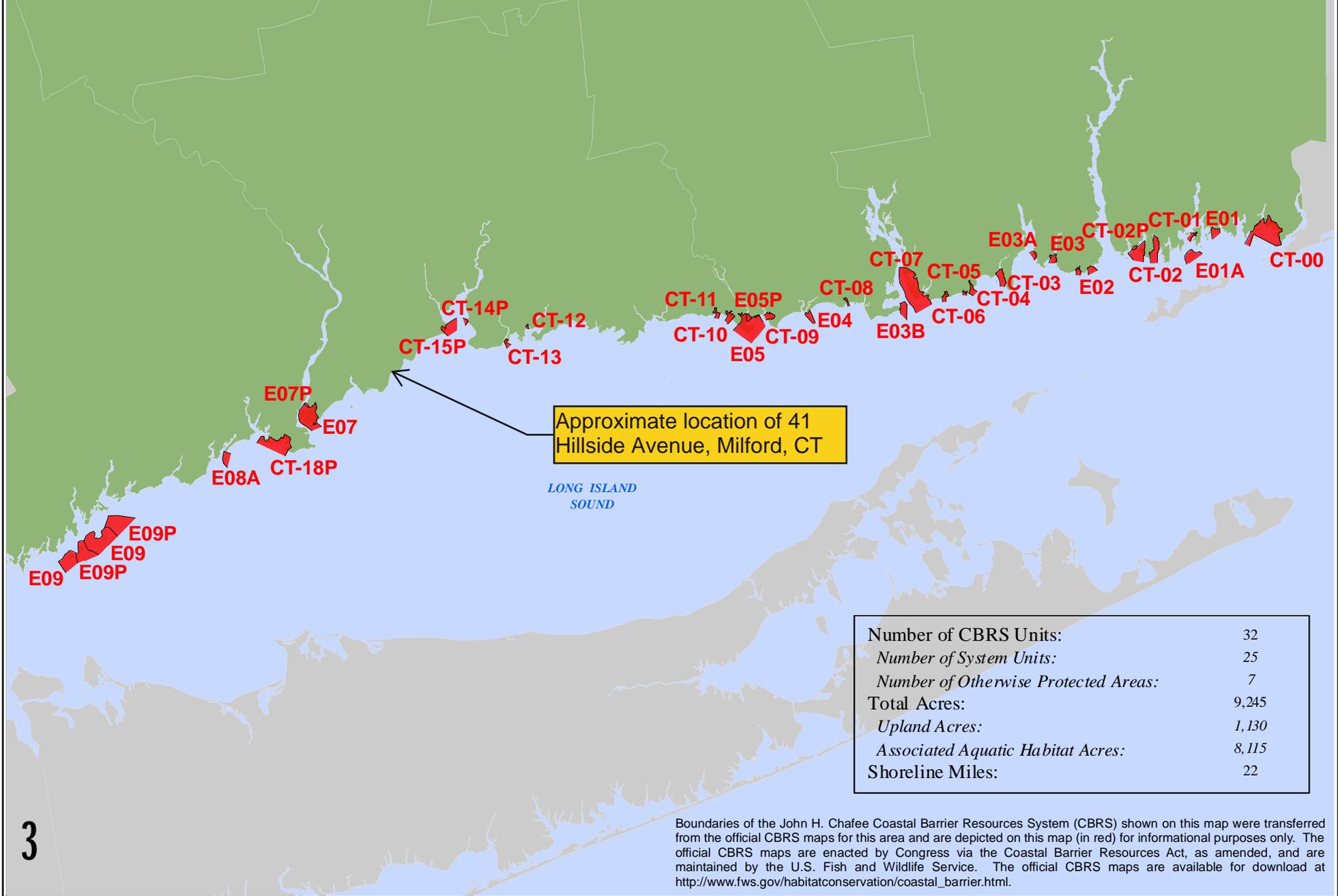
If you have any questions please feel free to contact me.

Thank You

Captain Waiksnoris

Milford Fire Department
EMS HAZMAT SAFETY OFFICER
72 New Haven Ave
Milford Ct 06460
(203)783-3750
(203)996-2148

JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM CONNECTICUT



Boundaries of the John H. Chafee Coastal Barrier Resources System (CBRS) shown on this map were transferred from the official CBRS maps for this area and are depicted on this map (in red) for informational purposes only. The official CBRS maps are enacted by Congress via the Coastal Barrier Resources Act, as amended, and are maintained by the U.S. Fish and Wildlife Service. The official CBRS maps are available for download at http://www.fws.gov/habitatconservation/coastal_barrier.html.



Engineering • Construction • EH&S • Energy • Waste

May 28, 2014

**Amaya Architects
284 Racebrook Rd
Orange, CT 06477**

Attn: Rafael Amaya

RE: Hazardous Building Materials Survey for Proposed Renovations
Location: 41 Hillside Ave, Milford, CT
LEA Comm. No. 01MH4.14

Dear Mr. Amaya:

In accordance with our proposal, Loureiro Engineering Associates, Inc (Loureiro) conducted bulk material sampling and analysis of accessible suspect asbestos-containing materials (ACM's), lead-based paint testing and mold inspection in the dwelling located at 41 Hillside Ave, Milford, Connecticut. The purpose of the bulk sampling and analysis was to sample suspect materials prior to the proposed renovation of the site structure.

Please refer to Appendix A through B for analytical results and chain of custody forms.

If you have any questions as you review the report, please contact me at 860-410-2945.

Sincerely,

LOUREIRO ENGINEERING ASSOCIATES, INC.

A handwritten signature in black ink, appearing to read "Brett Nicholas".

Brett Nicholas
Industrial Hygienist

A handwritten signature in black ink, appearing to read "Jamie Roche".

Jamie Roche
Director, Environmental Services

Enclosures:

Appendix A Asbestos Laboratory Analysis Data
Appendix B Mold Laboratory Results
Appendix C Staff and Laboratory Certifications

Loureiro Engineering Associates, Inc.

100 Northwest Drive • Plainville, CT 06062 • 860.747.6181 • Fax 860.747.8822 • www.Loureiro.com

An Employee-Owned Company

1.00 INTRODUCTION

1.1 Purpose

Loureiro was retained by Amaya Architects to conduct bulk material sampling and analysis of accessible suspect asbestos-containing materials (ACM's), test surfaces for lead-based paint and conduct mold testing in the dwelling as needed that may be impacted by the proposed renovation of said dwelling. The Asbestos inspection was completed in accordance with the Environmental Protection Agency (EPA) National Emissions Standards for Hazardous Air Pollutants (NESHAPS) 40 CFR part 61.

1.2 Special Terms and Conditions

Loureiro was contracted to perform an investigative survey of all accessible interior and exterior spaces. These areas included the living spaces, attic, crawl space, porches, exterior areas and accessible roofing. Inaccessible areas were generally identified as above or behind documented finish materials. Estimated quantities and approximate locations of ACM's as presented were based on the visual observations at the time of the survey. Visual observations were made to determine ACM quantities. Every attempt was made to locate all suspect materials. However, additional materials may be discovered above hard ceilings or behind walls during demolition or renovation. LEA performed limited destructive investigation for verification of any additional suspect materials.

2.0 ASBESTOS INVESTIGATIVE SURVEY

2.1 General Summary

The following asbestos survey section presents the survey results, methods, and conclusions based on survey findings. A summary of material descriptions, locations and quantities are presented in Table 1, below. Laboratory results are found in Appendix A.

2.2 Methodology

As required by the U.S. Occupational Safety & Health Administration (OSHA), the U.S. Environmental Protection Agency (EPA), and the State of Connecticut Department of Public Health (DPH), sampling was performed by an EPA AHERA-accredited and DPH-certified asbestos inspector (see Appendix C). Sampling was done in a manner to prevent airborne fiber release. Samples were placed in appropriately labeled containers that were sealed and submitted to the laboratory for analysis. The samples were submitted for petrographic analysis using the EPA-endorsed Polarized Light Microscopy with Dispersion Staining (PLM/DS) method. The percentage of asbestos present in each sample was determined by the visual area estimation technique.

Samples were collected using a wet technique to prevent airborne fiber release. Each suspect material was sampled using a knife to cut through its entire thickness to ensure that a complete cross section was obtained. The sample was then placed in an appropriately labeled container, which was sealed and submitted to the laboratory for analysis.

Samples were submitted for petrography analysis using the EPA-endorsed Polarized Light Microscopy with Dispersion Staining (PLM/DS) method. The percentage of asbestos present in each sample was determined by the visual area estimation technique.

2.3 Results of Sampling and Analysis for Asbestos

The table below illustrates each type of suspect asbestos-containing material identified, whether the materials are classified as ACM or not ACM based upon the analytical results and the bulk sample chain of custody forms:

Table 1 – ACM Summary

Sample	Description	Location	Quantity	Results
1a,b	Sheetrock	1 st Floor	N/A	Non-Detect
1c	Sheetrock	2 nd Floor	N/A	Non-Detect
2a,b	Joint Compound	1 st Floor	N/A	Non-Detect
2c	Sheetrock	2 nd Floor	N/A	Non-Detect
3a,b	Sheetrock Joint Tape	1 st Floor	N/A	Non-Detect
3c	Sheetrock Joint Tape	2 nd Floor	N/A	Non-Detect
4a,b	Ceiling Texture Coat	North Bedrooms	N/A	Non-Detect
4c	Ceiling Texture Coat	Living Room	N/A	Non-Detect
5a,b,c	Tar-Backed Paper on Fiberglass Batting	1 st Floor	N/A	Non-Detect
6a,b,c	12"x12" Ceramic Tile Grout	Kitchen	N/A	Non-Detect
7a,b,c	Tar Paper under Grey Asphalt Roof Shingle	Roof	N/A	Non-Detect
8a,b,c	Grey Asphalt Roof Shingle	Roof	N/A	Non-Detect
9a,b,c	Tar Coating on Sill Plate	Exterior	N/A	Non-Detect

Please refer to the Appendices specific to each building on the site. Laboratory results and chain of custody forms are included.

3.0 LEAD-BASED PAINT SURVEY

The Lead-based paint survey was conducted with an XRF direct reading instrument in accordance with the Department of Housing & Urban Development (HUD) testing guidelines. These protocols were developed for residential or day care facilities and were adopted by the Connecticut Childhood Lead Poisoning Prevention Regulations (CLPPR). The Lead-paint reports were prepared using the CLPPR threshold of 1 mg/cm². Toxic levels of lead in paint as defined by CLPPR were detected in several interior component surfaces.

The State of Connecticut and the U.S. Department of Housing and Urban Development (HUD) have developed technical guidelines for testing, abatement, cleanup, and disposal of lead-based paint in specific types of buildings such as public and Indian housing, and locations where children below the age of six years old and/or pregnant women reside. These guidelines define the regulated level of lead paint (Toxic Level of Lead) as paint containing greater than 1.0 milligrams lead per square centimeter (mg/cm^2) of surface as measured on-site by an X-ray fluorescent analyzer or more than 0.50 percent lead by dry weight as measured by Atomic Absorption Spectrometry (AAS).

For purposes of reconstruction, all paints containing detectable amounts of lead are considered lead-based paints. This action is taken because The Occupational Safety and Health Administration (OSHA) regulates lead in construction based on airborne exposures and it cannot be ensured that lead paint with concentrations of lead less than $1.0 \text{ mg}/\text{cm}^2$ or 0.50% mass will not result in exposures exceeding the OSHA standard.

The table 2 illustrates confirmed locations with detectable amounts of lead:

Table 2 – Lead Paint - XRF Results

Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm^2)
1 st Floor Kitchen / Dining	Wall	North	Beige	Sheetrock (Damaged)	0.0
1 st Floor Kitchen / Dining	Wall	South	Beige	Sheetrock (Damaged)	0.0
1 st Floor Kitchen / Dining	Wall	East	Beige	Sheetrock (Damaged)	0.0
1 st Floor Kitchen / Dining	Wall	West	Beige	Sheetrock (Damaged)	0.0
1 st Floor Kitchen / Dining	Ceiling	-	White	Sheetrock (Intact)	0.0
1 st Floor Kitchen / Dining	Window Molding	West	White	Wood (Intact)	0.0
1 st Floor Kitchen / Dining	Window Frame	West	White	Wood (Intact)	0.0
1 st Floor Kitchen / Dining	Window Molding	Northwest	White	Wood (Intact)	0.0
1 st Floor Kitchen / Dining	Window Frame	Northwest	White	Wood (Intact)	0.0
1 st Floor Kitchen / Dining	Door Case	North	White	Wood (Intact)	0.0

1 st Floor Kitchen / Dining	Door Molding	North	White	Wood (Intact)	0.0
1st Floor North Entry	Beadboard Wall	East	Grey	Wood (Intact)	>5.0
1 st Floor Laundry Room	Door	-	White	Wood (Intact)	0.0
1 st Floor Laundry Room	Door Frame	-	White	Wood (Intact)	0.0
1 st Floor Laundry Room	Molding	-	White	Wood (Intact)	0.0
1 st Floor Laundry Room	Wall	North	Beige	Sheetrock (Intact)	0.0
1 st Floor Laundry Room	Wall	South	Beige	Sheetrock (Intact)	0.0
1 st Floor Laundry Room	Wall	East	Beige	Sheetrock (Intact)	0.0
1 st Floor Laundry Room	Wall	West	Beige	Sheetrock (Intact)	0.0
1 st Floor Laundry Room	Ceiling	-	White	Sheetrock (Intact)	0.0
1 st Floor - Bathroom	Door	-	White	Wood (Intact)	0.0
1 st Floor - Bathroom	Door Frame	-	White	Wood (Intact)	0.0
1 st Floor - Bathroom	Molding	-	White	Wood (Intact)	0.0
1 st Floor - Bathroom	Wall	North	Cream	Sheetrock (Intact)	0.0
1 st Floor - Bathroom	Wall	South	Cream	Sheetrock (Intact)	0.0
1 st Floor - Bathroom	Wall	East	Cream	Sheetrock (Intact)	0.0
1 st Floor - Bathroom	Wall	West	Cream	Sheetrock (Intact)	0.0
1 st Floor - Bathroom	Ceiling	-	White	Sheetrock (Intact)	0.0
1 st Floor Living Room	Wall	North	Beige	Sheetrock (Partially Demolished)	0.0

1 st Floor Living Room	Wall	South	Beige	Sheetrock (Partially Demolished)	0.0
1 st Floor Living Room	Wall	East	Beige	Sheetrock (Partially Demolished)	0.0
1 st Floor Living Room	Wall	West	Beige	Sheetrock (Partially Demolished)	0.0
1 st Floor Living Room	Ceiling	-	White	Sheetrock (Intact)	0.0
1 st Floor Living Room	Baseboard	East	White	Wood (Intact)	0.0
1 st Floor Living Room	Baseboard	West	White	Wood (Intact)	0.0
1 st Floor Living Room	Fireplace	-	Taupe	Brick (Damaged)	0.24
1st Floor Living Room	Fireplace Mantle	-	White	Wood (Intact)	>5.0
1 st Floor Living Room	Fireplace Mantle Shelves	-	White	Wood (Intact)	0.0
1 st Floor Living Room	Stair Molding	-	White	Wood (Intact)	0.0
1 st Floor Living Room	Stair Column	-	White	Wood (Intact)	0.0
1st Floor Living Room	Beadboard Wall	East	White	Wood (Damaged)	>5.0
1 st Floor Living Room	Window Molding	South	White	Wood (Intact)	0.0
1 st Floor Living Room	Window Frame	South	White	Wood (Intact)	0.0
1 st Floor Living Room	Door	South	White	Wood (Intact)	0.0
1 st Floor Living Room	Door Molding	South	White	Wood (Intact)	0.0
1 st Floor Living Room	Door Frame	South	White	Wood (Intact)	0.0
1 st Floor Living Room	Stair Rail	East	White	Wood (Intact)	0.0
2 nd Floor South Room	Wall	North	Cream	Sheetrock (Intact)	0.0

2 nd Floor South Room	Wall	South	Cream	Sheetrock (Intact)	0.0
2 nd Floor South Room	Wall	East	Cream	Sheetrock (Intact)	0.0
2 nd Floor South Room	Wall	West	Cream	Sheetrock (Intact)	0.0
2 nd Floor South Room	Ceiling	-	White	Sheetrock (Intact)	0.0
2 nd Floor South Room	Window Molding	West	White	Wood (Intact)	0.0
2 nd Floor South Room	Window Frame/ Column	West	White	Wood (Intact)	0.0
2 nd Floor South Room	Window Molding	South	White	Wood (Intact)	0.0
2 nd Floor South Room	Window Frame/ Column	South	White	Wood (Intact)	0.0
2 nd Floor South Room	Door Frame	South	White	Wood (Intact)	0.0
2 nd Floor South Room	Door Molding	South	White	Wood (Intact)	0.0
2 nd Floor South Room	Baseboard	South	White	Wood (Intact)	0.0
2 nd Floor South Room	Baseboard	East	White	Wood (Intact)	0.0
2 nd Floor South Room	Baseboard	North	White	Wood (Intact)	0.0
2 nd Floor South Room	Door	North	White	Wood (Intact)	0.0
2 nd Floor South Room	Door Molding	North	White	Wood (Intact)	0.0
2 nd Floor South Room	Door Frame	North	White	Wood (Intact)	0.0
2 nd Floor South Room East Closet	Doors	-	White	Wood (Intact)	0.0
2 nd Floor South Room East Closet	Door Moldings	-	White	Wood (Intact)	0.0
2 nd Floor South Room East Closet	Wall	North	White	Sheetrock (Intact)	0.0

2 nd Floor South Room East Closet	Wall	South	White	Sheetrock (Intact)	0.0
2 nd Floor South Room East Closet	Wall	East	White	Sheetrock (Intact)	0.0
2 nd Floor South Room East Closet	Wall	West	White	Sheetrock (Intact)	0.0
2 nd Floor South Room East Closet	Ceiling	-	White	Sheetrock (Intact)	0.0
2nd Floor South Room East Closet	Baseboard	East	White	Wood (Deteriorated)	>5.0
2nd Floor South Room East Closet	Baseboard	South	White	Wood (Deteriorated)	>5.0
2 nd Floor South Room North Closet	Doors	-	White	Wood (Intact)	0.0
2 nd Floor South Room North Closet	Door Moldings	-	White	Wood (Intact)	0.0
2 nd Floor South Room North Closet	Wall	North	White	Sheetrock (Intact)	0.0
2 nd Floor South Room North Closet	Wall	South	White	Sheetrock (Intact)	0.0
2 nd Floor South Room North Closet	Wall	East	White	Sheetrock (Intact)	0.0
2 nd Floor South Room North Closet	Wall	West	White	Sheetrock (Intact)	0.0
2 nd Floor South Room North Closet	Ceiling	-	White	Sheetrock (Intact)	0.0
2 nd Floor South Room North Closet	Baseboard	North	White	Wood (Intact)	0.0

Loureiro

Engineering • Construction • EH&S • Energy • Waste

2 nd Floor South Room North Closet	Baseboard	East	White	Wood (Intact)	0.0
2 nd Floor South Room North Closet	Baseboard	West	White	Wood (Intact)	0.0
2 nd Floor Hallway	Wall	North	White	Sheetrock (Intact)	0.0
2 nd Floor Hallway	Wall	South	White	Sheetrock (Intact)	0.0
2 nd Floor Hallway	Wall	East	White	Sheetrock (Intact)	0.0
2 nd Floor Hallway	Wall	West	White	Sheetrock (Intact)	0.0
2 nd Floor Hallway	Ceiling	-	White	Sheetrock (Intact)	0.0
2 nd Floor Hallway	Baseboard	East	White	Wood (Intact)	0.0
2 nd Floor Hallway	Baseboard	West	White	Wood (Intact)	0.0
2 nd Floor Hallway	Stringer Board	East	White	Wood (Intact)	0.0
2 nd Floor Hallway Closet	Door	-	White	Wood (Intact)	0.0
2nd Floor Hallway Closet	Door Frame	-	White	Wood (Intact)	>5.0
2 nd Floor Hallway Closet	Door Molding	-	White	Wood (Intact)	0.22
2 nd Floor Hallway Closet	Shelves	-	White	Wood (Intact)	0.0
2nd Floor Hallway Closet	Beadboard Wall	-	White	Wood (Intact)	3.48
2nd Floor Hallway Closet	Baseboard	-	White	Wood (Intact)	4.63
2 nd Floor West Bedroom	Wall	North	Light Green	Sheetrock (Intact)	0.0
2 nd Floor West Bedroom	Wall	South	Light Green	Sheetrock (Intact)	0.0
2 nd Floor West Bedroom	Wall	East	Light Green	Sheetrock (Intact)	0.0
2 nd Floor West Bedroom	Wall	West	Light Green	Sheetrock (Intact)	0.0

2 nd Floor West Bedroom	Ceiling	-	White	Sheetrock (Intact)	0.0
2 nd Floor West Bedroom	Baseboard	North	White	Wood (Intact)	0.0
2 nd Floor West Bedroom	Baseboard	South	White	Wood (Intact)	0.0
2 nd Floor West Bedroom	Door	-	White	Wood (Intact)	0.0
2 nd Floor West Bedroom	Door Molding	-	White	Wood (Intact)	0.0
2nd Floor West Bedroom	Door Frame	-	White	Wood (Intact)	>5.0
2 nd Floor West Bedroom Closet	Door	-	White	Wood (Intact)	0.0
2 nd Floor West Bedroom Closet	Door Molding	-	White	Wood (Intact)	0.0
2 nd Floor West Bedroom Closet	Door Frame	-	White	Wood (Intact)	0.0
2nd Floor West Bedroom Closet	Beadboard Wall	-	White	Wood (Intact)	3.48
2nd Floor West Bedroom Closet	Baseboard	-	White	Wood (Intact)	4.63
2 nd Floor West Bedroom Closet	Window Molding	West	White	Wood (Intact)	0.0
2 nd Floor West Bedroom Closet	Window Frame	West	White	Wood (Intact)	0.0
2 nd Floor Northwest Bedroom	Wall	North	Light Green	Sheetrock (Intact)	0.0
2 nd Floor Northwest Bedroom	Wall	South	Light Green	Sheetrock (Intact)	0.0

2 nd Floor Northwest Bedroom	Wall	East	Light Green	Sheetrock (Intact)	0.0
2 nd Floor Northwest Bedroom	Wall	West	Light Green	Sheetrock (Intact)	0.0
2 nd Floor Northwest Bedroom	Ceiling	-	White	Sheetrock (Intact)	0.0
2 nd Floor Northwest Bedroom	Baseboard	North	White	Wood (Intact)	0.0
2 nd Floor Northwest Bedroom	Baseboard	South	White	Wood (Intact)	0.0
2 nd Floor Northwest Bedroom	Door	-	White	Wood (Intact)	0.0
2 nd Floor Northwest Bedroom	Door Molding	-	White	Wood (Intact)	0.04
2nd Floor Northwest Bedroom	Door Frame	-	White	Wood (Intact)	>5.0
2 nd Floor Northwest Bedroom	Window Molding	North	White	Wood (Intact)	0.0
2 nd Floor Northwest Bedroom	Window Frame	North	White	Wood (Intact)	0.0
2 nd Floor Bathroom	Door	-	White	Wood (Intact)	0.0
2 nd Floor Bathroom	Door Molding	-	White	Wood (Intact)	0.33
2nd Floor Bathroom	Door Frame	-	White	Wood (Intact)	>5.0
2 nd Floor Bathroom	Wall	East	White	Sheetrock (Intact)	0.0
2 nd Floor Bathroom	Wall	West	White	Sheetrock (Intact)	0.0
2 nd Floor Bathroom	Wall	South	White	Sheetrock (Intact)	0.0

2 nd Floor Bathroom	Ceiling	-	White	Sheetrock (Intact)	0.0
Exterior	Vertical Siding	South	Grey	Wood (Intact)	0.0
2 nd Floor Exterior	Porch Joists	South	Grey	Wood (Intact)	0.0

4.0 MOLD

Loureiro observed water damage and mold growths on the floor joists below the first floor and on exposed studs in the first floor living room of the dwelling. The visually impacted surfaces were swab sampled and analyzed via direct microscopic examination in order to determine mold type and relative concentration of the mold. The samples were labeled and delivered with a Chain of Custody to EMSL, which is located in Cinnaminson, NJ. The samples were analyzed by direct examination optical microscopy for mold species identification and quantification. EMSL is an AIHA (American Industrial Hygiene Association) approved Laboratory.

Laboratory testing confirmed the presence of *Alternaria*, *Aspergillus/Penicillium*, *Basidiospores*, *Cladosporium*, *Epicoccum*, *Ulocladium* and *Yeast* molds ranging from low to medium concentrations on surfaces. Hyphal or fruiting structures were also present indicating active mold colonies. These mold types along with the presence of hyphal structures, indicates that continued mold growth is likely. *Penicillium* type mold is often associated with buildings having water or moisture problems. Microbiological growth can produce offensive odors and can produce upper respiratory allergy-like symptoms if it is disturbed and the spores inhaled.

- *Alternaria* are also common allergens in humans, growing indoors and causing hay fever or hypersensitivity reactions that sometimes lead to asthma. Many human health disorders can be caused by these fungi.
- *Aspergillus / Penicillium* are mold species that are often present in water that creates mycotoxins, and is a main contributor to the development of harmful bacteria. Continued exposure to this mold may also lead to bronchitis and pulmonary disease.
- *Basidiospores* have been known to cause hay fever symptoms. Though it is a mold that rarely presents a risk to human health.
- *Cladosporium* is rarely infectious to humans, but has been reported to cause infections of the skin and toenails, as well as sinusitis and pulmonary infections.
- *Epicoccum* is a common allergen that may produce hay fever or asthma symptoms. It has not been linked to any human infection and is not considered a human pathogen.
- *Penicillium* type mold is often associated with buildings having water or moisture problems.
- *Ulocladium* is a genus of fungi. Species of this genus contain both plant pathogens and food spoilage agents. They can cause hay fever and more serious infections in immuno-suppressed individuals.

- Yeasts are reported to be allergenic. They may cause problems if a person has had previous exposure and developed a level of hypersensitivity. Yeasts may be allergenic to susceptible individuals when present in sufficient concentrations

REPORT LIMITATIONS CRITERIA

Information contained in this report is based on site observations, sample results relevant to the scope of work for this survey. Conclusions of this report are based on the survey, study, and/or investigation. This is not to be interpreted as a complete compilation of all existing information pertaining to the site conditions.

It should be noted that site conditions observed during this investigation may change based on any number of influencing factors and/or environmental variables such as fluctuations in indoor and outdoor temperatures, humidity and seasonal changes in sunlight. These factors can influence the spread and concentration of molds as they change. The attached report and analytical data materials are not intended to guarantee that the investigated site is, or is not, free from conditions, which could pose a threat or hazard to human health or safety. Should further research on the site be conducted, any additional data should be submitted to LEA for review and revisions as necessary.

This report is intended for the sole use of the Client, and may not be used or relied upon by others without the written consent of the Client. The scope of work conducted in performing this service for the Client may not be appropriate to satisfy the needs of other Parties, and the use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

The criteria used to evaluate the survey results includes, but is not limited to, guidelines recommended by the:

- American Conference of Governmental Industrial; Hygienists (ACGIH);
- The American Society for Heating, Refrigerating, and Air-Conditioning Engineers (ASHRAE);
- The U.S. Environmental Protection Agency (EPA);
- The American Industrial Hygiene Association (AIHA);
- The American Indoor Air Quality Council (AIAQC);
- Indoor Environmental Standards Organization (IESO);
- The Institute of Inspection Cleaning and Restoration Certification (IICRC);
- The National Air Duct Cleaners Association (NADCA);
- The New York City Department of Health; and,

Any comments and/or questions in regards this report should be directed to Loureiro Engineering.

Table 3 – Mold Summary Results

Sample No. / Location	Fungi Detected	Fungi Concentration	Comments
Sample 1 Floor Joists (Crawlspace)	Alternaria	*Low*	*Active Colonies
	Aspergillus/Penicillium	Rare	
	Basidiospores	Medium	
	Cladosporium	*Medium*	*Active Colonies
	Epicoccum	Rare	
	Ulocladium	Rare	
Sample 2 Exposed Studs (Living Room – East)	Yeast	*Low*	*Active Colonies
	Aspergillus/Penicillium	Low	
	Basidiospores	Rare	
	Unidentifiable Spores	Rare	

5.0 RECOMMENDATIONS

In accordance with the OSHA regulations (29 CFR Part 1926.1101 and 1910.1001), all potential contractors bidding on work must first be informed of the results of this survey. In addition, notification regarding the presence of the ACM must be provided to all employees and tenants who occupy an area containing ACM.

All materials identified as negative for asbestos may be removed at will and disposed of as standard construction debris as long as they do not impact or disturb identified asbestos materials.

Per the HUD and Connecticut regulations Toxic Levels of lead-paint ($>1.0 \text{ mg/cm}^2$) were identified in the dwelling tested. Measurable levels of lead were detected in painted surfaces. OSHA regulations prohibit dry scraping or sanding that may generate lead emissions. Loureiro recommends wet sanding or the use of local exhaust ventilation with High Efficiency Particulate Air (HEPA) filtration during preparation procedures prior to repainting.

Lead-Painted Components	Quantity	Per unit abatement cost estimate	Total Abatement Cost
Beadboard Wall Paneling	~400 S.F. Identified	\$6 / S.F.	\$2,400
Fireplace Mantle	20 S.F.	\$6 / S.F.	\$120
Baseboard	40 L.F.	\$6 / L.F.	\$240
Door Frame	4	\$100 each	\$400
Consulting Fees			\$1,500
		TOTAL	\$4,660



Loureiro recommends contracting a qualified mold remediation contractor to remove all mold affected surfaces and treatment of structural studs, joists, headers, etc. prior to renovations.

Mold Contaminated Components	Quantity	Per unit abatement cost estimate	Total Abatement Cost
Basement (Floor Joists)	900 S.F.	\$8	\$7,200
Consulting Fees			\$1,000
		TOTAL	\$8,200

Appendix A

Asbestos Laboratory Analysis Data

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> cinnaslab@EMSL.com

EMSL Order: 041414781
 CustomerID: LOUR62
 CustomerPO:
 ProjectID:

Attn: **Jamie Roche**
Loureiro Engineering Associates, Inc.
100 Northwest Drive
Plainville, CT 06062

Phone: (860) 747-6181
 Fax: (860) 747-8822
 Received: 05/28/14 10:20 AM
 Analysis Date: 5/29/2014
 Collected: 5/27/2014

Project: 41 Hillside Ave, Milford 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
052714-1A 041414781-0001	1st Floor - sheetrock	White Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (other)	None Detected
052714-1B 041414781-0002	1st Floor - sheetrock	White Fibrous Homogeneous	10% Cellulose 2% Glass	88% Non-fibrous (other)	None Detected
052714-1C 041414781-0003	2nd Floor - sheetrock	White Fibrous Homogeneous	5% Cellulose 5% Glass	90% Non-fibrous (other)	None Detected
052714-2A 041414781-0004	1st Floor - joint compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052714-2B 041414781-0005	1st Floor - joint compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052714-2C 041414781-0006	2nd Floor - joint compound	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052714-3A 041414781-0007	1st Floor - sheetrock joint compound	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
052714-3B 041414781-0008	1st Floor - sheetrock joint compound	White Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected

Analyst(s)

Nancy Stalter (9)
 Shane Feret (18)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 05/30/2014 08:02:04

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077
 Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> cinnaslab@EMSL.com

EMSL Order: 041414781
 CustomerID: LOUR62
 CustomerPO:
 ProjectID:

Attn: **Jamie Roche**
Loureiro Engineering Associates, Inc.
100 Northwest Drive
Plainville, CT 06062

Phone: (860) 747-6181
 Fax: (860) 747-8822
 Received: 05/28/14 10:20 AM
 Analysis Date: 5/29/2014
 Collected: 5/27/2014

Project: 41 Hillside Ave, Milford 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
052714-3C 041414781-0009	2nd Floor - sheetrock joint compound	White Fibrous Homogeneous	95%	Cellulose	5% Non-fibrous (other) None Detected
052714-4A 041414781-0010	1st Floor living room - textured ceiling	White Non-Fibrous Homogeneous			100% Non-fibrous (other) None Detected
052714-4B 041414781-0011	2nd Floor west bedroom - textured ceiling	White Non-Fibrous Homogeneous			100% Non-fibrous (other) None Detected
052714-4C 041414781-0012	2nd Floor north west bedroom - textured ceiling	White Non-Fibrous Homogeneous			100% Non-fibrous (other) None Detected
052714-5A 041414781-0013	1st Floor - tar backed paper on fiberglass batting	Brown/Black Fibrous Homogeneous	60%	Cellulose 30% Glass	10% Non-fibrous (other) None Detected
052714-5B 041414781-0014	1st Floor - tar backed paper on fiberglass batting	Brown/Black Fibrous Homogeneous	60%	Cellulose 30% Glass	10% Non-fibrous (other) None Detected
052714-5C 041414781-0015	1st Floor - tar backed paper on fiberglass batting	Brown/Black Fibrous Homogeneous	60%	Cellulose 30% Glass	10% Non-fibrous (other) None Detected
052714-6A 041414781-0016	Kitchen - 12"x12" ceramic floor tile grout	White Non-Fibrous Homogeneous			100% Non-fibrous (other) None Detected

Analyst(s)

Nancy Stalter (9)
 Shane Feret (18)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 05/30/2014 08:02:04



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> cinnasblab@EMSL.com

EMSL Order: 041414781
CustomerID: LOUR62
CustomerPO:
ProjectID:

Attn: **Jamie Roche**
Loureiro Engineering Associates, Inc.
100 Northwest Drive
Plainville, CT 06062

Phone: (860) 747-6181
Fax: (860) 747-8822
Received: 05/28/14 10:20 AM
Analysis Date: 5/29/2014
Collected: 5/27/2014

Project: 41 Hillside Ave, Milford 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
052714-6B 041414781-0017	Kitchen - 12"x12" ceramic floor tile grout	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052714-6C 041414781-0018	Kitchen - 12"x12" ceramic floor tile grout	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052714-7A 041414781-0019	Roof - tar paper under grey asphalt roof shingles	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
052714-7B 041414781-0020	Roof - tar paper under grey asphalt roof shingles	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
052714-7C 041414781-0021	Roof - tar paper under grey asphalt roof shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (other)	None Detected
052714-8A 041414781-0022	Roof - grey asphalt roof shingles	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
052714-8B 041414781-0023	Roof - grey asphalt roof shingles	Black Fibrous Heterogeneous	20% Glass	80% Non-fibrous (other)	None Detected
052714-8C 041414781-0024	Roof - grey asphalt roof shingles	Black Fibrous Homogeneous	20% Glass	80% Non-fibrous (other)	None Detected

Analyst(s)

Nancy Stalter (9)
Shane Feret (18)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 05/30/2014 08:02:04



EMSL Analytical, Inc.

200 Route 130 North, Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-5974
<http://www.EMSL.com> cinnasbiab@EMSL.com

EMSL Order: 041414781
CustomerID: LOUR62
CustomerPO:
ProjectID:

Attn: **Jamie Roche**
Loureiro Engineering Associates, Inc.
100 Northwest Drive
Plainville, CT 06062

Phone: (860) 747-6181
Fax: (860) 747-8822
Received: 05/28/14 10:20 AM
Analysis Date: 5/29/2014
Collected: 5/27/2014

Project: 41 Hillside Ave, Milford 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
052714-9A 041414781-0025	Exterior - tar coating @ sill plate	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052714-9B 041414781-0026	Exterior - tar coating @ sill plate	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052714-9C 041414781-0027	Exterior - tar coating @ sill plate	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Nancy Stalter (9)
Shane Feret (18)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 05/30/2014 08:02:04



EMSL ANALYTICAL, INC.
LABORATORY-PRODUCTS-TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041414781

EMSL ANALYTICAL, INC.
4 FAIRFIELD BLVD
WALLINGFORD, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

Company : Loureiro Engineering Associates, Inc		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 100 Northwest Dr		<i>Third Party Billing requires written authorization from third party</i>	
City: Plainville	State/Province: CT	Zip/Postal Code: 06062	Country: US
Report To (Name): Jamie Roche		Telephone #: 860-410-2945	
Email Address: jaroche@Loureiro.com		Fax #: 860-747-8822	Purchase Order:
Project Name/Number: 41 Hillside Ave, Milford, CT		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
U.S. State Samples Taken: CT		CT Samples: <input type="checkbox"/> Commercial/Taxable <input checked="" type="checkbox"/> Residential/Tax Exempt	

Turnaround Time (TAT) Options* - Please Check

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

*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.

PLM - Bulk (reporting limit)	TEM - Bulk
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1
<input type="checkbox"/> PLM EPA NOB (<1%)	<input type="checkbox"/> NY ELAP Method 198.4 (TEM)
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2
<input type="checkbox"/> NIOSH 9002 (<1%)	<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)	<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)	<u>Other</u>
<input type="checkbox"/> OSHA ID-191 Modified	<input type="checkbox"/>
<input type="checkbox"/> Standard Addition Method	

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 5-27-14

Samplers Name: Brett Nicholes Samplers Signature: *[Signature]*

Sample #	HA #	Sample Location	Material Description
052114-1A		1 st Floor	Sheetrock
" 1B		" "	↓
" 1C		2 nd Floor	↓
" 2A		1 st Floor	Joint Compound
" 2B		" "	↓
" 2C		2 nd Floor	↓
" 3A		1 st Floor	Sheetrock Joint Tape
" 3B		" "	↓
" 3C		2 nd Floor	↓

Client Sample # (s): 1A - 9c Total # of Samples: 27

Relinquished (Client): *[Signature]* Date: 5-27-14 Time: Fed Ex

Received (Lab): *[Signature]* Date: 5/28/14 Time: 10:20

Comments/Special Instructions:

Appendix B

Mold Laboratory Results



EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077
Phone/Fax: (800) 220-3675 / (856) 786-0262
<http://www.EMSL.com> / cinmicrolab@emsl.com

Order ID: 371407487
Customer ID: LOUR62
Customer PO:
Project ID:

Attn: Jamie Roche
Loureiro Engineering Associates, Inc.
100 Northwest Drive
Plainville, CT 06062
Phone: (860) 747-6181
Fax: (860) 747-8822
Collected: 05/27/2014
Received: 05/28/2014
Analyzed: 05/29/2014
Proj: 41 Hillside Ave, Milford, CT

Test Report: Microscopic Examination of Fungal Spores, Fungal Structures, Hyphae, and Other Particulates from Swab Samples (EMSL Method: M041)

Lab Sample Number:	371407487-0001	371407487-0002			
Client Sample ID:	052714-Mold-1	052714-Mold-2			
Sample Location:	Floor Joist (Crawlspace)	Exposed Studs (East) (Living Room)			
Spore Types	Category	Category			
Agrocybe/Coprinus	-	-			
Alternaria	*Low*	-			
Ascospores	-	-			
Aspergillus/Penicillium	Rare	Low			
Basidiospores	Medium	Rare			
Bipolaris++	-	-			
Chaetomium	-	-			
Cladosporium	*Medium*	-			
Curvularia	-	-			
Epicoccum	Rare	-			
Fusarium	-	-			
Ganoderma	-	-			
Myxomycetes++	-	-			
Paecilomyces	-	-			
Rust	-	-			
Scopulariopsis	-	-			
Stachybotrys	-	-			
Torula	-	-			
Ulocladium	Rare	-			
Unidentifiable Spores	-	Rare			
Zygomycetes	-	-			
Yeast	*Low*	-			
Fibrous Particulate	-	-			
Hyphal Fragment	-	-			
Insect Fragment	-	-			
Pollen	-	-			

Category: Count/per area analyzed
Rare: 1 to 10 Low: 11 to 100 Medium: 101 to 1000 High: >1000
Bipolaris++ = Bipolaris/Dreschlera/Exserohilum Myxomycetes++ = Myxomycetes/Periconia/Smut
* = Sample contains fruiting structures and/or hyphae associated with the spores.

Farbod Nekouei, M.S., Laboratory Manager
or Other Approved Signatory

No discernable field blank was submitted with this group of samples.
EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation of the data contained in this report is the responsibility of the client. "*" denotes not detected. Samples received in good condition unless otherwise noted.
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ AIHA-LAP, LLC-EMLAP Accredited #100194

Initial report from: 05/29/2014 10:54:11

For information on the fungi listed in this report please visit the Resources section at www.emsl.com

Appendix C

Staff and Laboratory Certifications

INSTRUCTIONS:

- 1. Detach and sign each of the cards on this form.
- 2. Display the large card in a prominent place in your office or place of business.
- 3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.

4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

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

ASBESTOS CONSULTANT-INSPECTOR

BRETT M. NICHOLAS

LICENSE NO.
000685
CURRENT THROUGH
07/31/14
VALIDATION NO.
03-627042

[Signature]
SIGNATURE

[Signature]
COMMISSIONER

EMPLOYER'S COPY
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
BRETT M. NICHOLAS

VALIDATION NO. **03-627042** LICENSE NO. **000685** CURRENT THROUGH **07/31/14**
PROFESSION
ASBESTOS CONSULTANT-INSPECTOR

[Signature]
SIGNATURE

[Signature]
COMMISSIONER

INSTRUCTIONS:

- 1. Detach and sign each of the cards on this form.
- 2. Display the large card in a prominent place in your office or place of business.
- 3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.

4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

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

BRETT M NICHOLAS

CERTIFICATION NO.
002212
CURRENT THROUGH
07/31/14
VALIDATION NO.
03-756542

[Signature]
SIGNATURE

[Signature]
COMMISSIONER

EMPLOYER'S COPY
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

NAME
BRETT M NICHOLAS

VALIDATION NO. **03-756542** CERTIFICATION NO. **002212** CURRENT THROUGH **07/31/14**
PROFESSION
LEAD INSPECTOR

[Signature]
SIGNATURE

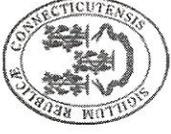
[Signature]
COMMISSIONER



State of Connecticut

CITY OF MILFORD

70 West River Street Milford, CT 06460 Ph: 203 783-3234 fax: 203 783-3690



Permit No. Z-15-141

VALUE: \$350000.00

FEE PAID: \$60.00

DATE ISSUED: 4/28/2015

Zoning Permit

PERMIT FOR: Site Improvements

This certifies that _____

has permission to conduct activities at: 41-43 HILLSIDE AVE

as follows: **Elevate 2-fam house in place. Foundation piers with lowest supporting member at least 14' above BFE. Height to midpoint 29'-11 1/4". Front steps and landing for both units. No interior work to Unit 43; 12'-2"x6' rear deck. Interior of Unit 41: Bathroom, utility rm, foyer, kitchen, dining, family rm, 12'-2"x 6' rear deck. Second floor of unit 41: 3 bedrooms, bathroom. No alternative plans are a part of this permit; sheets A2A, A3A, S2A.**

provided that the person accepting this permit shall in every respect conform to the terms of the application therefore on file in this office, and to the zoning regulations for the City of Milford.

NOTE: The recipient of this permit accepts this permit on the condition that, as owner or as agent of the owner, he/she agrees to comply with all regulations of the City of Milford, and any condition set forth by the Planning & Zoning Board, Zoning Board of Appeals, or other body having authority.

Restrictions:

Zoning Enforcement Official

4/28/2015

Date

**This Card Must Be Displayed in a Conspicuous Place on the Premises
and Not Torn Down or Removed**



State of Connecticut

City of Milford

70 West River Street Milford, CT 06460 Ph: 203 783-3234 fax: 203 783-3690



Application for Building Permit

RECEIPT

Application No: **TB-15-337**

Date Received: **4/28/2015**

Job Location: **41-43 HILLSIDE AVE**

Permit For: **SANDY - Residential Repair**

Contractor's Name:

Phone:

Contractor's Address:

City:

State: Zip Code:

State Lic. No:

(Home)Owner's Name:

Phone:

(Home)Owner's Address:

Work Description: **Elevate 2-fam house in place. Foundation piers with lowest supporting member at least 14' above BFE. Height to midpoint 29'-111/4". Front steps and landing for both units. No interior work to Unit 43; 12'-2"x6' rear deck. Interior of Unit 41: Bathroom, utility rm, foyer, kitchen, dining, family rm, 12'-2"x 6' rear deck. Second floor of unit 41: 3 bedrooms, bathroom. No alternative plans are a part of this permit; sheets A2A, A3A, S2A,**

Total Value Of Work To Be Performed: **\$350,000.00**

Structure Size:	0.00	0.00	0.00
	Width	Depth	Area

I hereby swear and attest that I will require proof of workers' compensation insurance for every contractor, subcontractor, or other worker before he/she engages in work on the above property in accordance with the Workers' Compensation Act (Chapter 568).

I understand that pursuant to 31-275 C.G.S., officers of a corporation and partners in a partnership may elect to be excluded from coverage by filing a waiver with the appropriate District Office; and that a sole proprietor of a business is not required to have coverage unless he files his intent to accept coverage.

I hereby certify that I am the owner of the property which is the subject of this application or the authorized agent of the property owner and have been authorized to make this application. I understand that when a permit is issued, it is a permit to proceed and grants no right to violate the Connecticut State Building Code or any other code, ordinance or statute, regardless of what might be shown or omitted on the submitted plans and specifications. All information contained within is true and accurate to the best of my knowledge and belief.

All permits approved are subject to inspections performed by a representative of this office. Requests for inspections must be made at least 24 hours in advance.

Signed: **Amaya Architects** **4/28/2015** **(203) 795-5656**

Applicant Date Telephone No.

Estimated Construction Costs / Permit Fees

Total Project Cost :	\$350,000.00	Payment Date	Amount Paid	Check No
Total Permit Fee:	\$91.00			
Total Permit Fee Paid:	\$0.00			

THIS IS NOT A PERMIT