



Department of Economic and
Community Development

Connecticut
still revolutionary

MG
1020

October 1, 2015

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

received
10-2-15

Subject: Department of Housing Superstorm Sandy Reviews
189 Hillside Avenue
Milford, Connecticut

Dear Ms. Delaire:

The State Historic Preservation Office (SHPO) has reviewed the information submitted to our office on September 9, 2015 for the above-named property pursuant to the provisions of Section 106 of the National Historic Preservation Act of 1966. SHPO understands that the property owners have requested funding from your agency for the rehabilitation and elevation of their home. Although SHPO considers the adjacent neighborhood along Hillside to be a potentially eligible historic district for listing on the National Register of Historic Places, this property falls outside of those boundaries. As a result, SHPO does not object to activities at this property and is of the opinion that the rehabilitation and elevation will not detract from the neighboring properties. As a result, SHPO has determined that the undertaking will have no adverse effects to the adjacent potentially eligible historic district.

The State Historic Preservation Office appreciates the opportunity to review and comment upon this project and we appreciate your cooperation in the preservation of the state's important cultural resources. For further information please contact me, at (860) 256-2764 or catherine.labadia@ct.gov.

Sincerely,

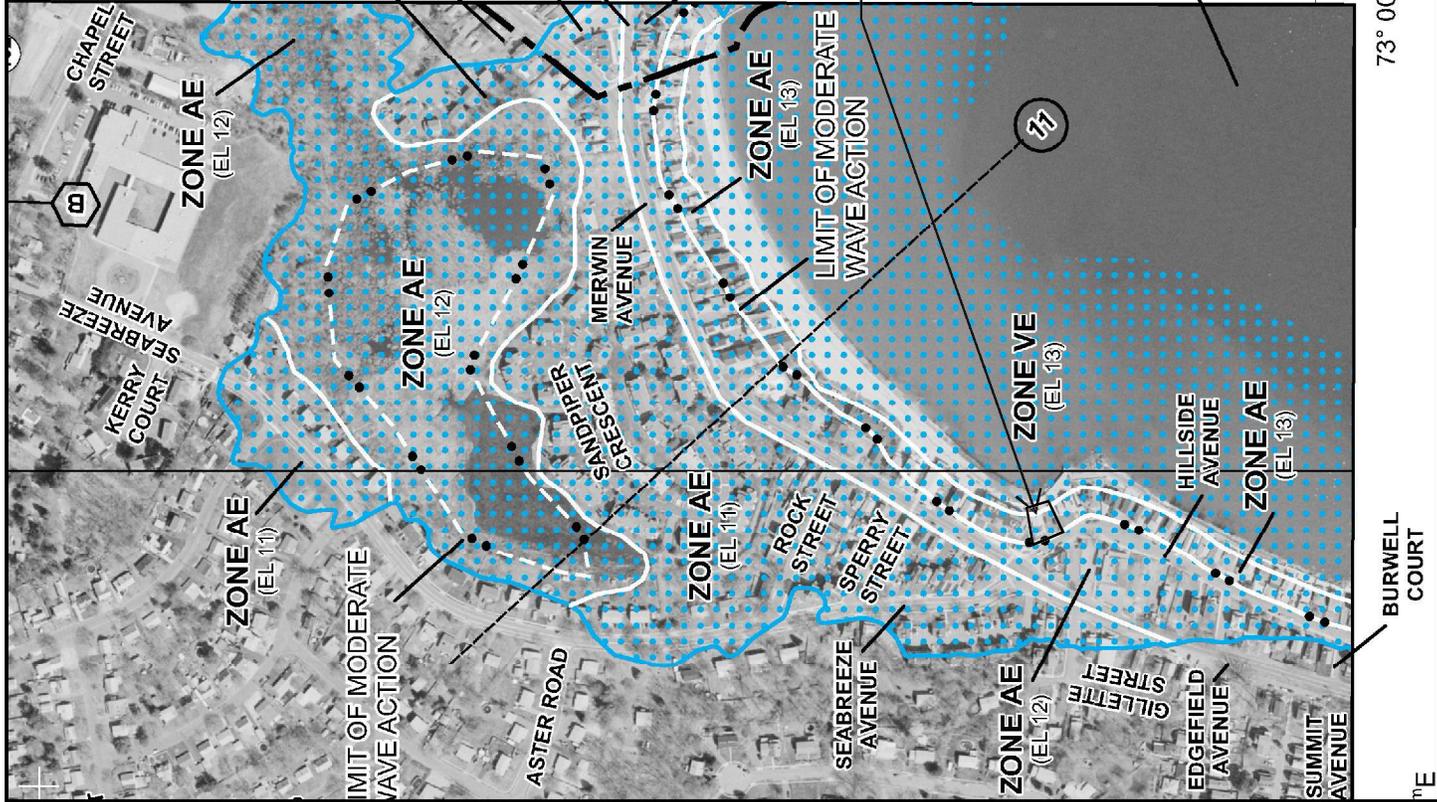
Catherine Labadia
Deputy State Historic Preservation Officer

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

45° 66' 00.00" N



45° 65' 00.00" N

41° 13' 07.5" W
73° 00' 00" E



MAP SCALE 1" = 500'



NFP **NATIONAL FLOOD INSURANCE PROGRAM**

PANEL 0532J

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

PANEL 532 OF 635
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MILFORD, CITY OF	090082	0532	J
ORANGE, TOWN OF	090087	0532	J
WOODMONT, BOROUGH OF	090168	0532	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
09009C0532J
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 1020

Mar 6, 2015



Wetlands

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

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:
187-189 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 19, 2015

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

RE: Site Investigation/Wetland Delineation
187-189 Hillside Avenue, Milford, Connecticut

JMM Job # 15-1770-MIL-2

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 east of Hillside Avenue in Milford, CT. The site is currently a developed lot with a single-family residence, an area of unmaintained lawn/landscaping located in the western part of the site, a shed, paved driveway, and concrete pad. A concrete seawall with coastal features to the east of the seawall are located off-site to the east of the site's eastern property line (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

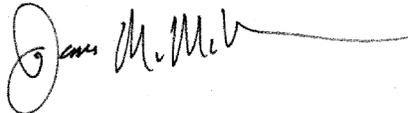
top of the original soil. Udorthents or Made Land soils can be found on any soil parent material but are typically fluvial on glacial till plains and outwash plains and stream terraces.

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

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 residence (JMM photo taken 3/17/15); facing northeasterly



Photo 2: View of concrete seawall/pad and residence (JMM photo taken 3/17/15); facing northwesterly

Soil Map—State of Connecticut
(187-189 Hillside Avenue, Milford, CT)



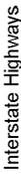
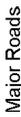
Map Scale: 1:2,800 if printed on A landscape (11" x 8.5") sheet.



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



MAP LEGEND

 Area of Interest (AOI)	 Spoil Area
 Soil Map Unit Polygons	 Stony Spot
 Soil Map Unit Lines	 Very Stony Spot
 Soil Map Unit Points	 Wet Spot
 Special Point Features	 Other
 Blowout	 Special Line Features
 Borrow Pit	Water Features
 Clay Spot	 Streams and Canals
 Closed Depression	Transportation
 Gravel Pit	 Rails
 Gravelly Spot	 Interstate Highways
 Landfill	 US Routes
 Lava Flow	 Major Roads
 Marsh or swamp	 Local Roads
 Mine or Quarry	Background
 Miscellaneous Water	 Aerial Photography
 Perennial Water	
 Rock Outcrop	
 Saline Spot	
 Sandy Spot	
 Severely Eroded Spot	
 Sinkhole	
 Slide or Slip	
 Sodic Spot	

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	10.3	35.8%
260C	Charlton-Urban land complex, 8 to 15 percent slopes	1.7	5.9%
260D	Charlton-Urban land complex, 15 to 25 percent slopes	3.2	11.2%
301	Beaches-Udipsamments complex, coastal	3.7	12.8%
W	Water	9.9	34.4%
Totals for Area of Interest		28.7	100.0%





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-0313

March 06, 2015

Event Code: 05E1NE00-2015-E-00500

Project Name: DOH 1020

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 1020

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-0313

Event Code: 05E1NE00-2015-E-00500

Project Type: ** Other **

Project Name: DOH 1020

Project Description: 187-189 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 1020

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-73.0051912 41.2210111, -73.0051939 41.2210124, -73.0051991 41.2210182, -73.0052017 41.2210255, -73.0052013 41.2210333, -73.0051979 41.2210404, -73.0051921 41.2210456, -73.0051848 41.2210482, -73.0048118 41.2211026, -73.0048034 41.221102, -73.004796 41.2210981, -73.0047909 41.2210915, -73.0047185 41.2209422, -73.0047165 41.2209338, -73.0047183 41.2209253, -73.0047235 41.2209183, -73.0047311 41.2209142, -73.0050182 41.2208336, -73.0050255 41.220833, -73.0050326 41.2208351, -73.0050385 41.2208395, -73.0051887 41.2210069, -73.0051912 41.2210111), (-73.0051413 41.2210141, -73.005017 41.2208755, -73.0047649 41.2209463, -73.0048205 41.2210609, -73.0051413 41.2210141)))

Project Counties: New Haven, CT



United States Department of Interior
Fish and Wildlife Service

Project name: DOH 1020

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</i> Population: northeast U.S. nesting pop.	Endangered		



United States Department of Interior
Fish and Wildlife Service

Project name: DOH 1020

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

EM S/Safety/Hazmat



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

From: Captain Christopher Waiksnoris

Date: June 2, 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 187-189 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.

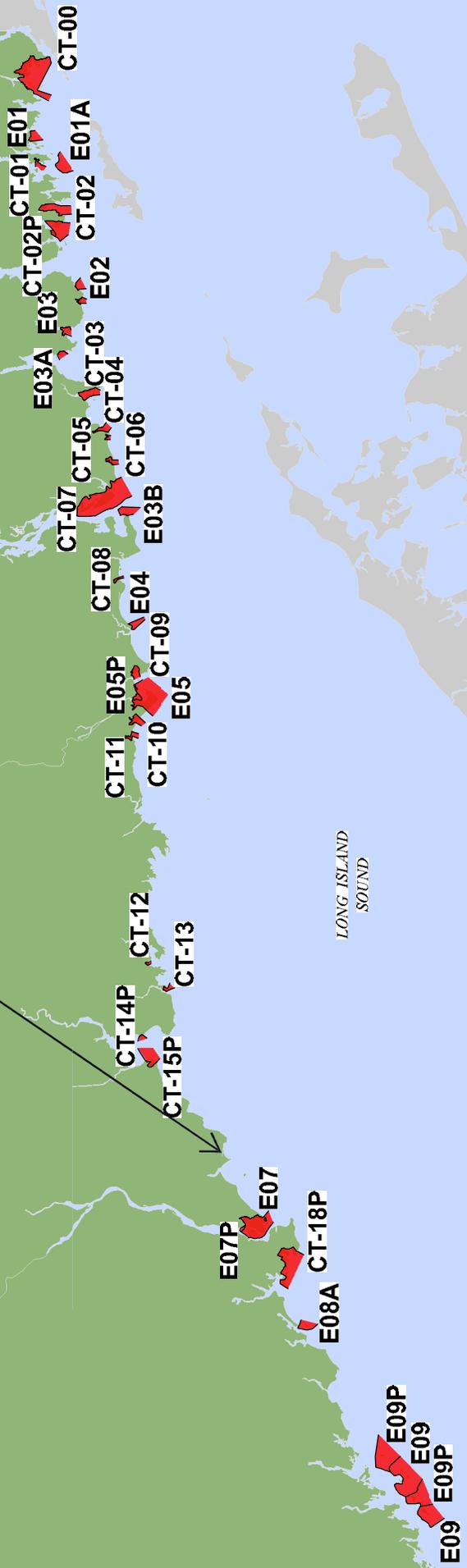
Thank You

Captain Waiksnoris

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

JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM CONNECTICUT

Approximate Location
189 Hillside Avenue
Milford, Connecticut



Number of CBRS Units:	32
Number of System Units:	25
Number of Otherwise Protected Areas:	7
Total Acres:	9,245
Upland Acres:	1,130
Associated Aquatic Habitat Acres:	8,115
Shoreline Miles:	22

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.



May 28, 2014

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

Attn: Rafael Amaya

RE: Hazardous Building Materials Survey for Proposed Renovations
Location: 189 Hillside Ave, Milford, CT
LEA Comm. No. 01MH4.17

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 189 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 Staff and Laboratory Certifications

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*

LEA was contracted to perform an investigative survey of all accessible interior and exterior spaces. These areas included the living spaces, attic, 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. Loureiro 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,c	Sheetrock	Top Floor	N/A	Non-Detect
2a,b,c	Joint Compound	Top Floor		
3a,b,c	Sheetrock Joint Tape	Top Floor	N/A	Non-Detect
4a,b,c	Ceiling Texture Coat	Top Floor	N/A	Non-Detect
5a,b,c	Beige Linoleum (Floral Pattern)	Top Floor – Kitchen	220 S.F.	20% Chrysotile
6a,b,c	Green Rosin Paper	Top Floor – South Room	N/A	Non-Detect
7a,b,c	4” Brown Covebase Adhesive	Top Floor – Kitchen	N/A	Non-Detect
8a,b,c	Beige Linoleum (Wood Pattern)	Top Floor – Furnace Closet	N/A	Non-Detect
9a,b,c	Interior Window Frame Caulk	Top Floor	N/A	Non-Detect
10a,b,c	Blown-In Fibrous Insulation	Attic	N/A	Non-Detect
11a,b,c	Cementitious Wall Board	Top Floor – Furnace Closet	16 S.F.	15% Chrysotile
12a,b,c	Grey Asphalt Roof Shingle	Roof	N/A	Non-Detect
13a,b,c	Beige Asphalt Roof Shingle	Roof	N/A	Non-Detect
14a,b,c	Tar Paper under Samples #12 & 13	Roof	N/A	Non-Detect
15a,b,c	Black EPDM Roof Sealant	North Porch	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 on interior and exterior 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/cm²) 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 mg/cm² 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)
Kitchen	Wall	North	White	Sheetrock (Intact)	0.0
Kitchen	Wall	South	White	Sheetrock (Intact)	0.0
Kitchen	Wall	East	White	Sheetrock (Intact)	0.0
Kitchen	Wall	West	White	Sheetrock (Intact)	0.0
Kitchen	Wall Paneling	North	Yellow	Wood (Intact)	0.0
Kitchen	Wall Paneling	South	Yellow	Wood (Intact)	0.0
Kitchen	Wall Paneling	East	Yellow	Wood (Intact)	0.0

Kitchen	Wall Paneling	West	Yellow	Wood (Intact)	0.0
Kitchen	Ceiling	-	White	Sheetrock (Intact)	0.0
Bathroom	Wall	North	Yellow	Sheetrock (Intact)	0.0
Bathroom	Wall	South	White	Sheetrock (Intact)	0.0
Bathroom	Wall	West	White	Sheetrock (Intact)	0.0
Bathroom	Ceiling	-	White	Sheetrock (Intact)	0.0
Furnace Closet	Wall	North	Beige	Sheetrock (Intact)	0.24
Furnace Closet	Wall	South	Beige	Sheetrock (Intact)	0.06
Furnace Closet	Wall	East	Beige	Sheetrock (Intact)	0.12
Furnace Closet	Beadboard Wall	North	Green	Wood (Intact)	3.14
Hallway	Attic Hatch Door	-	White	Wood (Intact)	0.08
Hallway	Attic Hatch Frame	-	White	Wood (Intact)	0.05
Hallway	Wall	East	White	Sheetrock (Intact)	0.0
Hallway	Wall	West	White	Sheetrock (Intact)	0.0
Hallway	Ceiling	-	White	Sheetrock (Intact)	0.0
West Bedroom	Wall	North	White	Sheetrock (Intact)	0.0
West Bedroom	Wall	South	White	Sheetrock (Intact)	0.0
West Bedroom	Wall	East	White	Sheetrock (Intact)	0.0
West Bedroom	Wall	West	White	Sheetrock (Intact)	0.0
West Bedroom	Ceiling	-	White	Sheetrock (Intact)	0.0
East Bedroom	Wall	North	White	Sheetrock (Intact)	0.0

East Bedroom	Wall	South	White	Sheetrock (Intact)	0.0
East Bedroom	Wall	East	White	Sheetrock (Intact)	0.0
East Bedroom	Wall	West	White	Sheetrock (Intact)	0.0
East Bedroom	Ceiling	-	White	Sheetrock (Intact)	0.0
Southeast Bedroom	Wall	North	White	Sheetrock (Intact)	0.0
Southeast Bedroom	Wall	South	White	Sheetrock (Intact)	0.0
Southeast Bedroom	Wall	East	White	Sheetrock (Intact)	0.0
Southeast Bedroom	Wall	West	White	Sheetrock (Intact)	0.0
Southeast Bedroom	Ceiling	-	White	Sheetrock (Intact)	0.0
Living Room	Wall	North	White	Sheetrock (Intact)	0.0
Living Room	Wall	South	White	Sheetrock (Intact)	0.0
Living Room	Wall	East	White	Sheetrock (Intact)	0.0
Living Room	Wall	West	White	Sheetrock (Intact)	0.0
Living Room	Ceiling	-	White	Sheetrock (Intact)	0.0
North Exterior	Porch	-	Red	Wood (Deteriorated)	>5.0
South Exterior	Porch	-	Red	Wood (Deteriorated)	>5.0
Exterior	Original Siding	West	White	Wood (Deteriorated)	>4.24

460
~~70~~

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.

In accordance with EPA NESHAPS regulations (40 CFR Part 61), building owners must remove all ACM from a facility (or area of a facility) before any activity begins that would break up, dislodge, or similarly disturb the ACM.

In the State of Connecticut, a licensed asbestos abatement contractor must perform all asbestos-related activities, including the renovation/demolition portion of the work that includes asbestos. Disturbance of asbestos-containing material can only be done by trained and licensed individuals. It should be noted that the State of Connecticut regulations governing asbestos abatement does not distinguish between friable and non-friable material. Therefore, full containment procedures are required for any interior abatement work (removal, encapsulation, or enclosure) involving both Category I and/or Category II non-friable asbestos-containing materials.

Asbestos containing materials that will be impacted by renovation activities, as well as estimated abatement costs, are as follows:

ACM Material	Quantity	Total Abatement Cost Estimate
Beige Linoleum (Floral Pattern)	220 S.F.	\$3000
Cementitious Wall Board	16 S.F.	\$1000
Consulting Fees		\$1500
	TOTAL	\$5500

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 Estimate
Beadboard Walls	~30 S.F. Identified	\$6 / S.F.	\$180
Siding	1240 S.F.	\$6 / S.F.	\$7,440
Front Porch Components	200 S.F.	\$6 / S.F.	\$1,200
Consulting Fees			\$2000
		TOTAL	\$10,820

Appendix A

Asbestos Laboratory Analysis Data

**EMSL Analytical, Inc.**

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 CustomerPO:
 ProjectID:

Attn: **Jamie Roche**
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100 Northwest Drive
Plainville, CT 06062

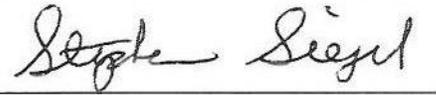
Phone: (860) 747-6181
 Fax: (860) 747-8822
 Received: 05/27/14 9:00 AM
 Analysis Date: 5/29/2014
 Collected: 5/23/2014

Project: 189 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
			% Cellulose	% Non-Fibrous	% Type
052314-1A 041414656-0001	189 HILLSIDE, TOP FLOOR - SHEETROCK	Brown/Gray Fibrous Homogeneous	8%	92% Non-fibrous (other)	None Detected
052314-1B 041414656-0002	189 HILLSIDE, TOP FLOOR - SHEETROCK	Brown/Gray Fibrous Homogeneous	8%	92% Non-fibrous (other)	None Detected
052314-1C 041414656-0003	189 HILLSIDE, TOP FLOOR - SHEETROCK	Brown/White Fibrous Homogeneous	10%	90% Non-fibrous (other)	None Detected
052314-2A 041414656-0004	189 HILLSIDE, TOP FLOOR - JOINT COMPOUND	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
052314-2B 041414656-0005	189 HILLSIDE, TOP FLOOR - JOINT COMPOUND	Cream Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
052314-2C 041414656-0006	189 HILLSIDE, TOP FLOOR - JOINT COMPOUND	Cream Non-Fibrous Homogeneous		100% Non-fibrous (other)	<1% Chrysotile
052314-3A 041414656-0007	189 HILLSIDE, TOP FLOOR - SHEETROCK JOINT TAPE	White/Cream Fibrous Homogeneous	90%	10% Non-fibrous (other)	None Detected
052314-3B 041414656-0008	189 HILLSIDE, TOP FLOOR - SHEETROCK JOINT TAPE	White/Cream Fibrous Homogeneous	90%	10% Non-fibrous (other)	None Detected

Analyst(s)
 Alexis Kum (29)
 Jennifer Mattero (13)


 Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

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 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 05/29/2014 15:19:48

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Project: **189 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
052314-3C 041414656-0009	189 HILLSIDE, TOP FLOOR - SHEETROCK JOINT TAPE	Cream Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
052314-4A 041414656-0010	189 HILLSIDE, TOP FLOOR - CEILING TEXTURE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-4B 041414656-0011	189 HILLSIDE, TOP FLOOR - CEILING TEXTURE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-4C 041414656-0012	189 HILLSIDE, TOP FLOOR - CEILING TEXTURE	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-5A 041414656-0013	TOP FLOOR-KITCHEN - BEIGE LINOLEUM-FLORAL PATTERN	Brown/White Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-5B 041414656-0014	TOP FLOOR-KITCHEN - BEIGE LINOLEUM-FLORAL PATTERN	Gray Fibrous Homogeneous		80% Non-fibrous (other)	20% Chrysotile

Analyst(s)
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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
052314-5C 041414656-0015	TOP FLOOR-KITCHEN - BEIGE LINOLEUM-FLORAL PATTERN				Stop Positive (Not Analyzed)
052314-6A 041414656-0016	TOP FLOOR-LIVING ROOM - ROSIN PAPER UNDER CARPET (GREEN)	White/Green Fibrous Homogeneous	50% Synthetic 40% Cellulose	10% Non-fibrous (other)	None Detected
052314-6B 041414656-0017	TOP FLOOR-LIVING ROOM - ROSIN PAPER UNDER CARPET (GREEN)	White/Green Fibrous Homogeneous	50% Synthetic 40% Cellulose	10% Non-fibrous (other)	None Detected
052314-6C 041414656-0018	TOP FLOOR-LIVING ROOM - ROSIN PAPER UNDER CARPET (GREEN)	White/Green Fibrous Homogeneous	55% Cellulose 30% Synthetic	15% Non-fibrous (other)	None Detected
052314-7A 041414656-0019	TOP FLOOR-KITCHEN - ADHESIVE FOR 4" BROWN COVE BASE (WHITE)	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)
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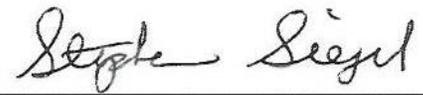
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Project: 189 HILLSIDE AVE., MILFORD CT

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
052314-7B 041414656-0020	TOP FLOOR-KITCHEN - ADHESIVE FOR 4" BROWN COVE BASE (WHITE)	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-7C 041414656-0021	TOP FLOOR-KITCHEN - ADHESIVE FOR 4" BROWN COVE BASE (WHITE)	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-8A 041414656-0022	TOP FLOOR-FURNACE CLOSET - BEIGE LINOLEUM (WOOD PATTERN)	Brown/Green Fibrous Homogeneous	50% Synthetic 30% Cellulose	20% Non-fibrous (other)	None Detected
052314-8B 041414656-0023	TOP FLOOR-FURNACE CLOSET - BEIGE LINOLEUM (WOOD PATTERN)	Brown/Green Fibrous Homogeneous	50% Synthetic 30% Cellulose	20% Non-fibrous (other)	None Detected
052314-8C 041414656-0024	TOP FLOOR-FURNACE CLOSET - BEIGE LINOLEUM (WOOD PATTERN)	Brown/Green Fibrous Homogeneous	50% Cellulose 30% Synthetic	20% Non-fibrous (other)	None Detected

Analyst(s)
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 Jennifer Mattero (13)


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ProjectID:

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Plainville, CT 06062

Phone: (860) 747-6181
Fax: (860) 747-8822
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Project: 189 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
052314-9A 041414656-0025	TOP FLOOR - INTERIOR WINDOW FRAME CAULK (WHITE)	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-9B 041414656-0026	TOP FLOOR - INTERIOR WINDOW FRAME CAULK (WHITE)	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-9C 041414656-0027	TOP FLOOR - INTERIOR WINDOW FRAME CAULK (WHITE)	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-10A 041414656-0028	ATTIC - BLOWN-IN FIBROUS INSULATION	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
052314-10B 041414656-0029	ATTIC - BLOWN-IN FIBROUS INSULATION	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
052314-10C 041414656-0030	ATTIC - BLOWN-IN FIBROUS INSULATION	Brown Fibrous Homogeneous	95% Cellulose	5% Non-fibrous (other)	None Detected
052314-11A 041414656-0031	FURNACE CLOSET DOORWAY - CEMENTITIOUS WALL BOARD	Gray/White Fibrous Homogeneous		85% Non-fibrous (other)	15% Chrysotile

Analyst(s)
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Jennifer Mattero (13)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

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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
052314-11B 041414656-0032	FURNACE CLOSET DOORWAY - CEMENTITIOUS WALL BOARD				Stop Positive (Not Analyzed)
052314-11C 041414656-0033	FURNACE CLOSET DOORWAY - CEMENTITIOUS WALL BOARD				Stop Positive (Not Analyzed)
052314-12A 041414656-0034	189 HILLSIDE, ROOF - GREY ASPHALT ROOF SHINGLE	White/Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
052314-12B 041414656-0035	189 HILLSIDE, ROOF - GREY ASPHALT ROOF SHINGLE	White/Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
052314-12C 041414656-0036	189 HILLSIDE, ROOF - GREY ASPHALT ROOF SHINGLE	White/Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (other)	None Detected
052314-13A 041414656-0037	189 HILLSIDE, ROOF - BEIGE ASPHALT ROOF SHINGLE	Brown/Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
052314-13B 041414656-0038	189 HILLSIDE, ROOF - BEIGE ASPHALT ROOF SHINGLE	Brown/Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected

Analyst(s)

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Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
052314-13C 041414656-0039	189 HILLSIDE, ROOF - BEIGE ASPHALT ROOF SHINGLE	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
052314-14A 041414656-0040	189 HILLSIDE, ROOF - TAR PAPER UNDER #12 & 13	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
052314-14B 041414656-0041	189 HILLSIDE, ROOF - TAR PAPER UNDER #12 & 13	Black Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
052314-14C 041414656-0042	189 HILLSIDE, ROOF - TAR PAPER UNDER #12 & 13	Black Fibrous Homogeneous	65% Cellulose	35% Non-fibrous (other)	None Detected
052314-15A 041414656-0043	189 HILLSIDE, NORTH PORCH - BLACK EPDM ROOF SEALANT	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-15B 041414656-0044	189 HILLSIDE, NORTH PORCH - BLACK EPDM ROOF SEALANT	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
052314-15C 041414656-0045	189 HILLSIDE, NORTH PORCH - BLACK EPDM ROOF SEALANT	Black Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

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EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041414656

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		Third Party Billing requires written authorization from third party	
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: 89 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)	<input type="checkbox"/> Other
<input type="checkbox"/> OSHA ID-191 Modified	
<input type="checkbox"/> Standard Addition Method	

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 5-23-14

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

Sample #	HA #	Sample Location	Material Description	
52314-1A		189 Hillside, Top Floor	Sheetrock	
" 1B		↓	↓	
" 1C				
" 2A				Joint Compound
" 2B				↓
" 2C				
" 3A				
" 3B				↓
" 3C				

Client Sample # (s): 1A - 15c Total # of Samples: 45

Relinquished (Client): *[Signature]* Date: 5-23-14 Time: FedEx

Received (Lab): AK FX Date: 5/27/14 Time: 0900

Comments/Special Instructions:

45



EMSL ANALYTICAL, INC.
LABORATORY PRODUCTS TRAINING

Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041414656

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

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
052314-4A	Ceiling Texture	189 Hillside, Top Floor	5-23-14
" 4B	↓	↓	
" 4C	↓	↓	
" 5A	Beige Linoleum (Floral Pattern)	Top Floor Kitchen	
" 5B	↓	↓	
" 5C	↓	↓	
" 6A	Resin Paper under Carpet (Green)	Top Floor, Living Rm.	
" 6B	↓	↓	
" 6C	↓	↓	
" 7A	Adhesive for 4" Brown Covebase (white)	Top Floor, Kitchen	
" 7B	↓	↓	
" 7C	↓	↓	
" 8A	Beige Linoleum (wood pattern)	Top Floor, Furnace Closet	
" 8B	↓	↓	
" 8C	↓	↓	
" 9A	Interior window Frame caulk (white)	Top Floor	
" 9B	↓	↓	
" 9C	↓	↓	
" 10A	Blown-in Fibrous Insulation	Attic	
" 10B	↓	↓	
" 10C	↓	↓	
" 11A	Cementitious Wall Board	Furnace closet Doorway	
" 11B	↓	↓	
" 11C	↓	↓	

RECEIVED
 EMSL
 CINCINNATI, OH, U.S.A.
 MAY 27 2014

*Comments/Special Instructions:

Appendix B

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.

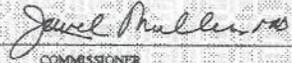
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

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:  COMMISSIONER: 

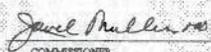
EMPLOYER'S COPY

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:  COMMISSIONER: 

INSTRUCTIONS:

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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:  COMMISSIONER: 

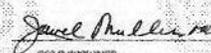
EMPLOYER'S COPY

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:  COMMISSIONER: 

Appendix B

DECD/SHPO/DOH Professional Certification Form

For all General Permit Applications submitted as part of the Flood Management Certification for Disaster Recovery Activities, the following certification must be signed and sealed by a professional engineer licensed to practice in Connecticut.

Property:	
Application Number: #1020	
"I certify that in my professional judgment, the above referenced project has been designed consistent with the Flood Management Certification for Disaster Recovery Activities as approved by DEEP and that the information is true, accurate and complete to the best of my knowledge and belief.	
I understand that a false statement made in the submitted information may, pursuant to Section 22a-6 of the General Statutes, be punishable as a criminal offense under Section 53a-157b of the General Statutes, and may also be punishable under Section 22a-438 of the General Statutes."	
	4/22/16
Signature of Applicant	Date
Hermia Delaire	CDBG-DR Program Manager
Name of Applicant (print or type)	Title
	January 21, 2016 January 21, 2016
Signature of Professional Engineer	Date
Edward G. Shelomis Edward G. Shelomis	9266 9266
Name of Professional Engineer (print or type)	P.E. Number
Affix P.E. Stamp Here	
	