Department of Economic and Community Development

Connecticut
still revolutionary

December 9, 2016

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
211 Morgan Avenue (Application #1041)
East Haven, Connecticut

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. SHPO understands that the property owners have requested financial assistance from your office for the rehabilitation and elevation of the property located at 211 Morgan Avenue. It is the opinion of SHPO that the property is not eligible for individual listing on the National Register of Historic Places nor is it located within an eligible historic district. Based on the information provided to our office, no historic properties will be affected by this project.

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

Sincerely,

Catherine Labadia
Deputy State Historic Preservation Officer

NOTES TO USERS

This map is for use in administering the National Flood Insurance Program. It does not necessarily identify all areas subject to flooding, particularly from local drainage sources of small size. The **community map repository** should be consulted for possible updated or additional flood hazard information.

To obtain more detailed information in areas where **Base Flood Elevations** (BFEs) and/or **floodways** have been determined, users are encouraged to consult the Flood Profiles and Floodway Data and/or Summary of Stillwater Elevations tables contained within the Flood Insurance Study (FIS) Report that accompanies this FIRM. Users should be aware that BFEs shown on the FIRM represent rounded whole-foot elevations. These BFEs are intended for flood insurance rating purposes only and should not be used as the sole source of flood elevation information. Accordingly, flood elevation data presented in the FIS Report should be utilized in conjunction with the FIRM for purposes of construction and/or floodplain management.

Coastal Base Flood Elevations shown on this map apply only landward of 0.0' North American Vertical Datum of 1988 (NAVD 88). Users of this FIRM should be aware that coastal flood elevations are also provided in the Summary of Stillwater Elevations table in the Flood Insurance Study Report for this jurisdiction. Elevations shown in the Summary of Stillwater Elevations table should be used for construction and/or floodplain management purposes when they are higher than the elevations shown on this FIRM.

Boundaries of the **floodways** were computed at cross sections and interpolated between cross sections. The floodways were based on hydraulic considerations with regard to requirements of the National Flood Insurance Program. Floodway widths and other pertinent floodway data are provided in the Flood Insurance Study Report for this jurisdiction.

Certain areas not in Special Flood Hazard Areas may be protected by **flood control structures**. Refer to Section 2.4 "Flood Protection Measures" of the Flood Insurance Study Report for information on flood control structures for this jurisdiction.

The **projection** used in the preparation of this map was Connecticut State Plane Zone (FIPS zone 0600). The **horizontal datum** was NAD 83, GRS 1980 spheroid. Differences in datum, spheroid, projection or UTM zones used in the production of FIRMs for adjacent jurisdictions may result in slight positional differences in map features across jurisdiction boundaries. These differences do not affect the accuracy of this FIRM.

Flood elevations on this map are referenced to the North American Vertical Datum of 1988. These flood elevations must be compared to structure and ground elevations referenced to the same **vertical datum**. For information regarding conversion between the National Geodetic Vertical Datum of 1929 and the North American Vertical Datum of 1988, visit the National Geodetic Survey website at http://www.ngs.noaa.gov or contact the National Geodetic Survey at the following address:

NGS Information Services
NOAA, N/NGS12
National Geodetic Survey
SSMC-3, #9202
1315 East-West Highway
Silver Spring, Maryland 20910-3282
(301) 713-3242

To obtain current elevation, description, and/or location information for **bench marks** shown on this map, please contact the Information Services Branch of the National Geodetic Survey at **(301) 713- 3242**, or visit its website at http://www.ngs.noaa.gov.

Base map information shown on FIRM panels produced for this coastal study revision was derived from United State Geological Survey 2008 High Resolution Orthophotography produced from 1 foot pixel cells from photography dated April 2008. The projection used in the preparation of this map was Connecticut State Plane Feet, FIPS Zone 0600. The horizontal datum used was North American Datum of 1983 (NAD 83).

The AE Zone category has been divided by a **Limit of Moderate Wave Action (LiMWA)**. The LiMWA represents the approximate landward limit of the 1.5 foot breaking wave. The effects of wave hazards between the VE Zone and the LiMWA (or between the shoreline and the LiMWA for areaswhere VE Zones are not identified) will be similar to, but less severe than those in the VE Zone.

The **profile baselines** depicted on this map represent the hydraulic modeling baselines that match the flood profiles in the FIS report. As a result of improved topographic data, the **profile baseline**, in some cases, may deviate significantly from the channel centerline or appear outside the SFHA.

Based on updated topographic information, this map reflects more detailed and up-to-date **stream channel configurations** and **floodplain delineations** than those shown on the previous FIRM for this jurisdiction. As a result, the Flood Profiles and Floodway Data tables for multiple streams in the Flood Insurance Study Report (which contains authoritative hydraulic data) may reflect stream channel distances that differ from what is shown on the map. Also, the road to floodplain relationships for unrevised streams may differ from what is shown on previous maps.

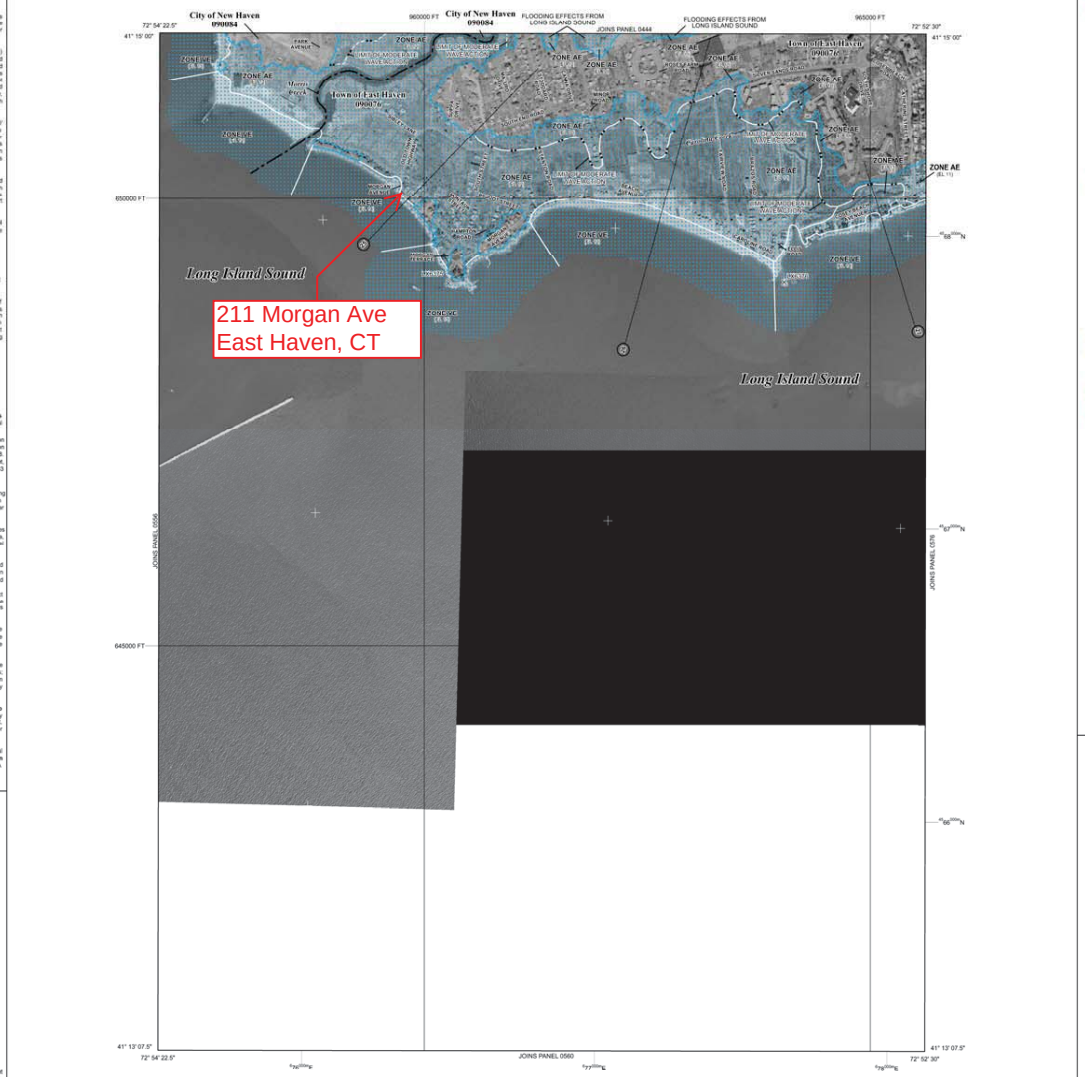
Corporate limits shown on this map are based on the best data available at the time of publication. Because changes due to annexations or de-annexations may have occurred after this map was published, map users should contact appropriate community officials to verify current corporate limit locations.

Please refer to the separately printed **Map Index** for an overview map of the county showing the layout of map panels; community map repository addresses; and a Listing of Communities table containing National Flood Insurance Program dates for each community as well as a listing of the panels on which each community is located.

For information on available products associated with this FIRM visit the **Map Service Center (MSC)** website at http://msc.fema.gov. Available products may include previously issued Letters of Map Change, a Flood Insurance Study Report, and/or digital versions of this map. Many of these products can be ordered or obtained directly from the MSC website.

If you have **questions about this map**, how to order products, or the National Flood Insurance Program in general, please call the **FEMA Map Information eXchange (FMIX)** at **1-877-FEMA-MAP** (1-877-336-2627) or visit the FEMA website at http://www.fema.gov/business/nfip.

Only coastal structures that are certified to provide protection from the 1 percent annual chance flood are shown on this panel. However, all structures taken into consideration for the purpose of coastal flood hazard analysis and mapping are present in the FIRM database in S_Gen_Struct.



LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A — No Base Flood Elevations determined.

ZONE AE — Base Flood Elevations determined.

ZONE AH — Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.

ZONE AO — Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.

ZONE AR — Special Flood Hazard Area formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.

ZONE A99 — Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.

ZONE V — Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.

ZONE VE — Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X — Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X — Areas determined to be outside the 0.2% annual chance floodplain.

ZONE D — Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% Annual Chance Floodplain Boundary
0.2% Annual Chance Floodplain Boundary
Floodway Boundary
Zone D Boundary
CBRS and OPA boundary

Boundary dividing Special Flood Hazard Area Zones and boundary dividing Special Flood Hazard Areas of different Base Flood Elevations, flood depths, or flood velocities.

Limit of Moderate Wave Action

Limit of Moderate Wave Action coincident with Zone Break

Base Flood Elevation line and value; elevation in feet*

Base Flood Elevation value where uniform within zone; elevation in feet*

*Referenced to the North American Vertical Datum of 1988

Cross section line

Transect line

Culvert

Bridge

Geographic coordinates referenced to the North American Datum of 1983 (NAD 83) Western Hemisphere

1000-foot grid: Connecticut State Plane Feet Zone (FIPS Zone 0600), Lambert Conformal Conic projection

2,000-meter universal transverse mercator grid values, zone 18N

Bench mark (see explanation in Notes to Users section of this FIRM panel)

MAP REPOSITORIES
Refer to Map Repositories list on Map Index

EFFECTIVE DATE OF COUNTYWIDE FLOOD INSURANCE RATE MAP

EFFECTIVE DATE(S) OF REVISION(S) TO THIS PANEL

July 8, 2013 - to change Base Flood Elevations and Special Flood Hazard Areas, to change zone designations, to update the effects of wave action, to update corporate limits, to add roads and road names, to incorporate previously issued Letters of Map Revision and to modify Coastal Barrier Resources System units.

For community map revision history prior to countywide mapping, refer to the Community Map History table located in the Flood Insurance Study report for this jurisdiction.

To determine if flood insurance is available in this community, contact your insurance agent or call the National Flood Insurance Program at 1-800-638-6620.

MAP SCALE 1" = 500'

PANEL 0557J

FIRM

FLOOD INSURANCE RATE MAP

NEW HAVEN COUNTY, CONNECTICUT (ALL JURISDICTIONS)

PANEL 557 OF 635

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
EAST HAVEN, TOWN OF	090076	0557	J
NEW HAVEN, CITY OF	090084	0557	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
09009C0557J

MAP REVISED
JULY 8, 2013

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

NFIP

2

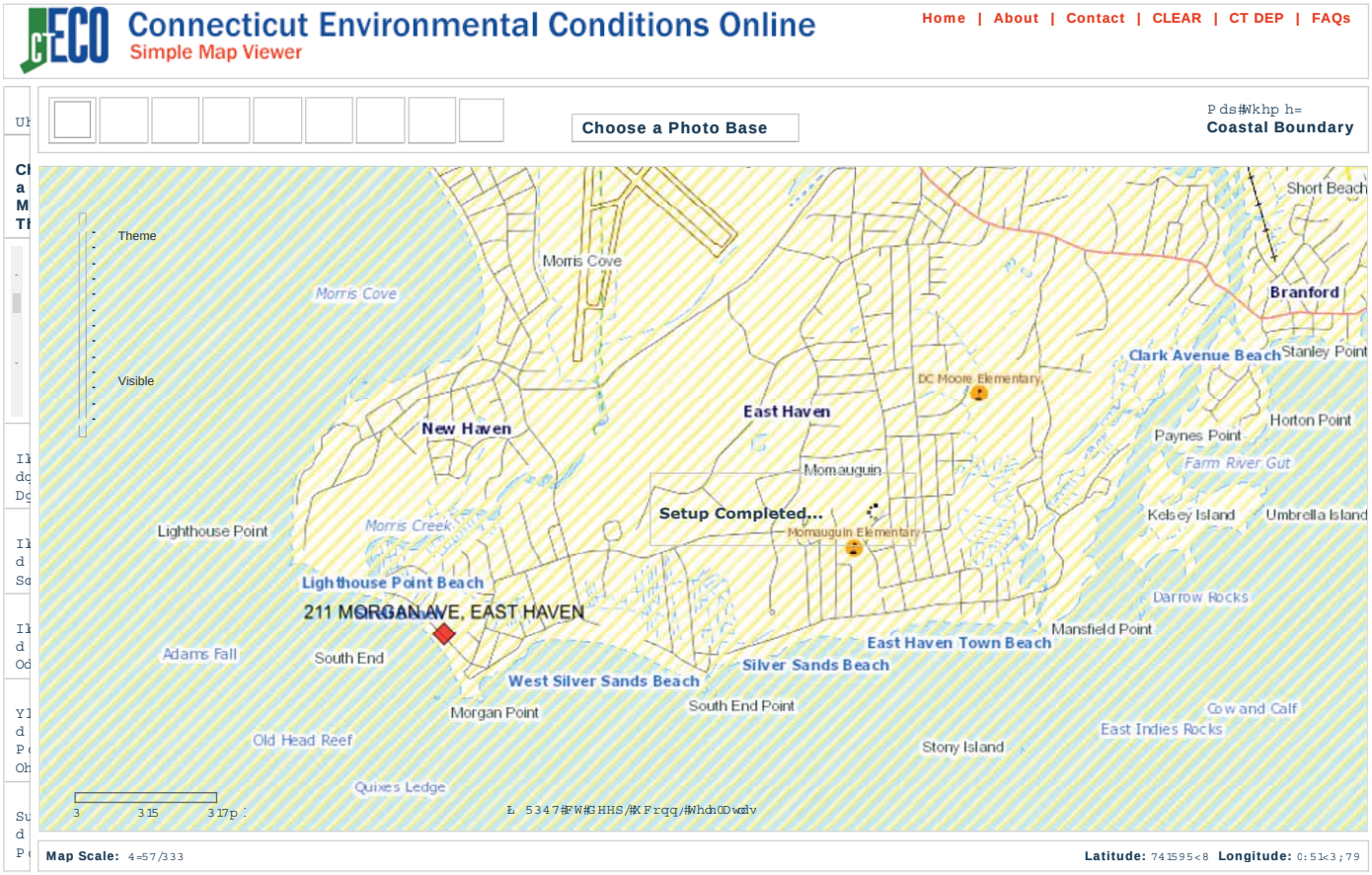
U.S. Fish and Wildlife Service

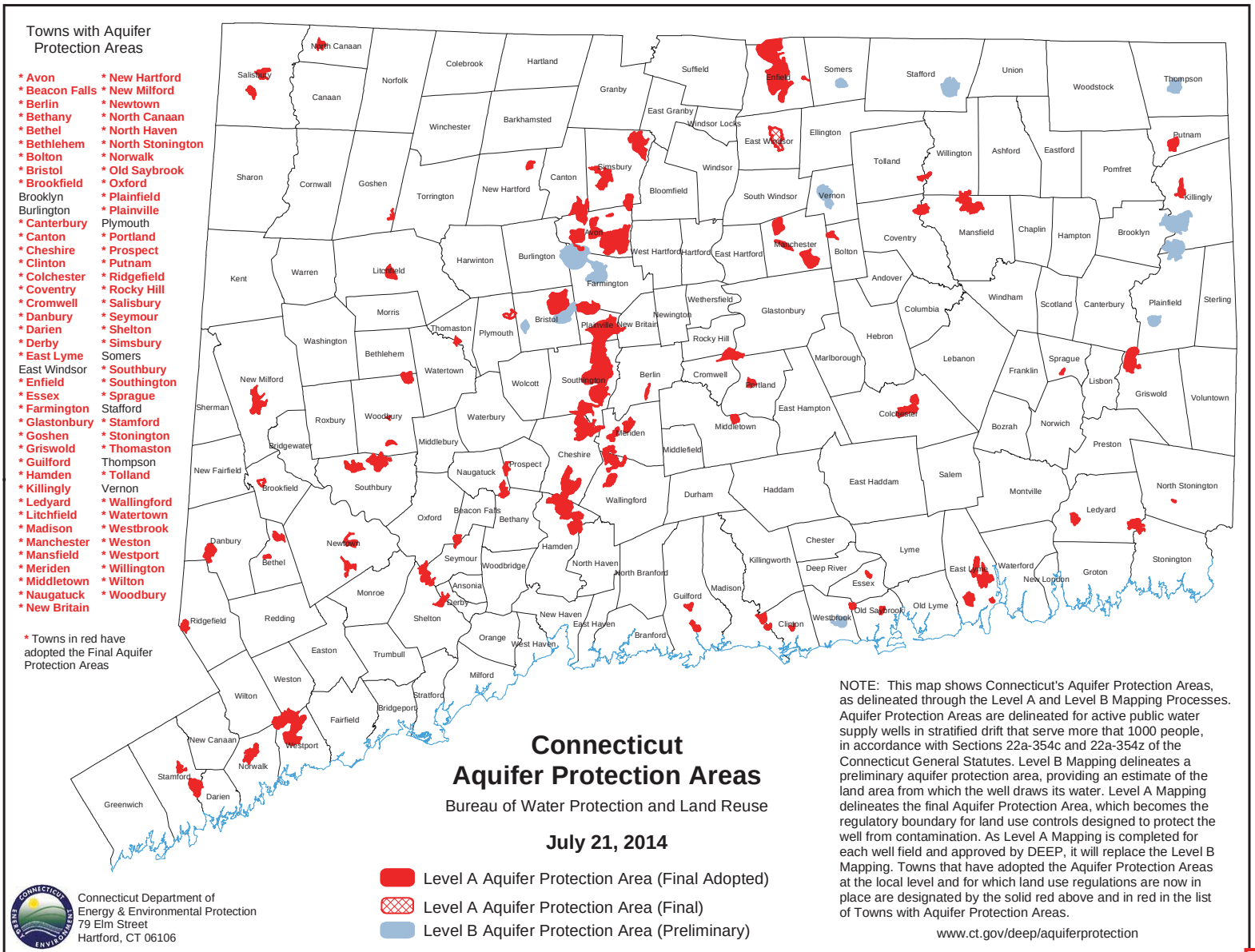
National Wetlands Inventory

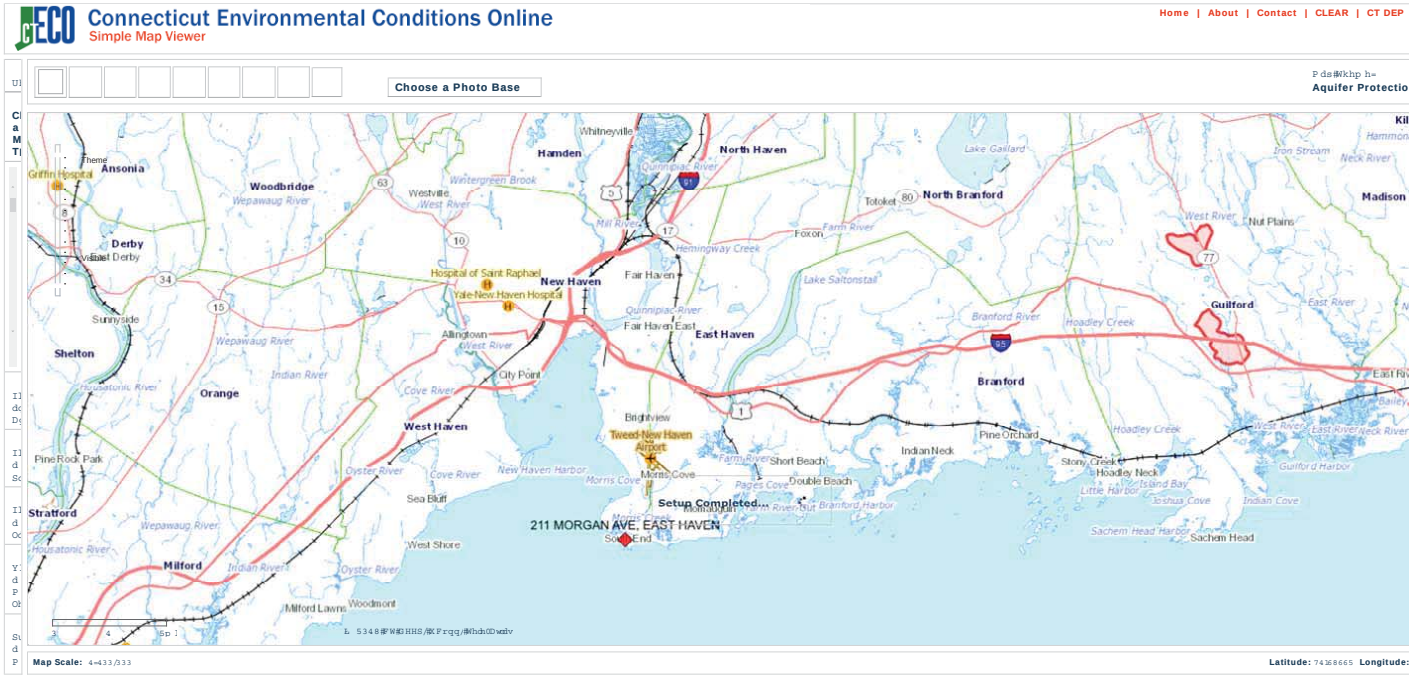
211 Morgan Ave, East Haven, CT

January 2, 2017

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


Connecticut Environmental Conditions Online
Simple Map Viewer
Home | About | Contact | CLEAR | CT DEP | FAQs
Choose a Photo Base
Coastal Boundary
Theme
Visible
Morris Cove
Short Beach
Branford
Clark Avenue Beach
Stanley Point
DC Moore Elementary
East Haven
New Haven
Horton Point
Paynes Point
Farm River Gut
Momauguin
Setup Completed...
Momauguin Elementary
Kelsey Island
Umbrella Island
Lighthouse Point
Morris Creek
Lighthouse Point Beach
211 MORGAN AVE, EAST HAVEN
Darrow Rocks
Mansfield Point
East Haven Town Beach
Adams Fall
South End
Silver Sands Beach
West Silver Sands Beach
Morgan Point
South End Point
Cow and Calf
East Indies Rocks
Old Head Reef
Stony Island
Quixes Ledge
Map Scale:
Latitude:
Longitude:


Towns with Aquifer Protection Areas
* Avon
* Beacon Falls
* Berlin
* Bethany
* Bethel
* Bethlehem
* Bolton
* Bristol
* Brookfield
Brooklyn
Burlington
* Canterbury
* Canton
* Cheshire
* Clinton
* Colchester
* Coventry
* Cromwell
* Danbury
* Darien
* Derby
* East Lyme
East Windsor
* Enfield
* Essex
* Farmington
* Glastonbury
* Goshen
* Griswold
* Guilford
* Hamden
* Killingly
* Ledyard
* Litchfield
* Madison
* Manchester
* Mansfield
* Meriden
* Middletown
* Naugatuck
* New Britain
* New Hartford
* New Milford
* Newtown
* North Canaan
* North Haven
* North Stonington
* Norwalk
* Old Saybrook
* Oxford
* Plainfield
* Plainville
Plymouth
* Portland
* Prospect
* Putnam
* Ridgefield
* Rocky Hill
* Salisbury
* Seymour
* Shelton
* Simsbury
Somers
* Southbury
* Southington
* Sprague
Stafford
* Stamford
* Stonington
* Thomaston
Thompson
* Tolland
Vernon
* Wallingford
* Watertown
* Westbrook
* Weston
* Westport
* Willington
* Wilton
* Woodbury
* Towns in red have adopted the Final Aquifer Protection Areas
Connecticut Aquifer Protection Areas
Bureau of Water Protection and Land Reuse
July 21, 2014
Level A Aquifer Protection Area (Final Adopted)
Level A Aquifer Protection Area (Final)
Level B Aquifer Protection Area (Preliminary)
NOTE: This map shows Connecticut's Aquifer Protection Areas, as delineated through the Level A and Level B Mapping Processes. Aquifer Protection Areas are delineated for active public water supply wells in stratified drift that serve more that 1000 people, in accordance with Sections 22a-354c and 22a-354z of the Connecticut General Statutes. Level B Mapping delineates a preliminary aquifer protection area, providing an estimate of the land area from which the well draws its water. Level A Mapping delineates the final Aquifer Protection Area, which becomes the regulatory boundary for land use controls designed to protect the well from contamination. As Level A Mapping is completed for each well field and approved by DEEP, it will replace the Level B Mapping. Towns that have adopted the Aquifer Protection Areas at the local level and for which land use regulations are now in place are designated by the solid red above and in red in the list of Towns with Aquifer Protection Areas.
www.ct.gov/deep/aquiferprotection
Connecticut Department of Energy & Environmental Protection
79 Elm Street
Hartford, CT 06106

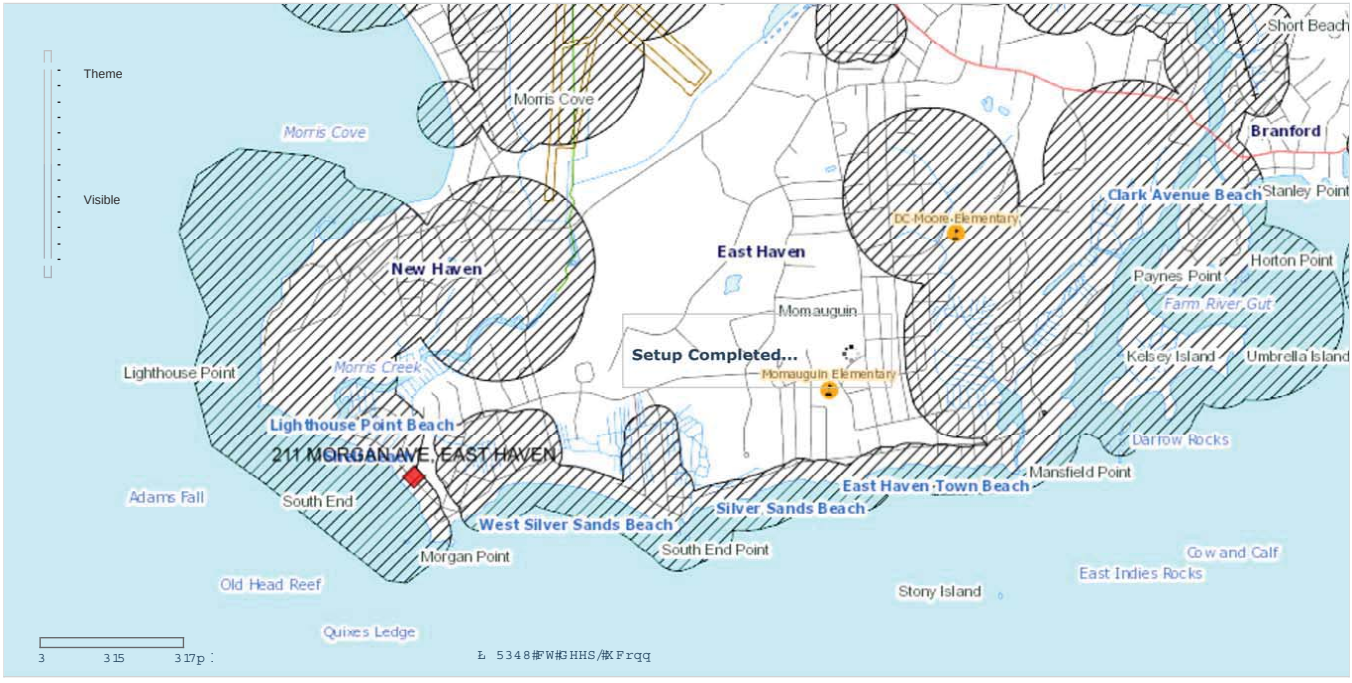

Connecticut Environmental Conditions Online
Simple Map Viewer
Home | About | Contact | CLEAR | CT DEP
Choose a Photo Base
Aquifer Protectio
211 MORGAN AVE, EAST HAVEN
Setup Completed...
Map Scale:
Latitude:
Longitude:

Connecticut Environmental Conditions Online
Simple Map Viewer

Home | About | Contact | CLEAR | CT DEP | FAQs

Choose a Photo Base

Natural Diversity Data Base Area, June 2016



Map Scale: 4=57/333 Latitude: 7415973: Longitude: 0:51;;58

6

United States Department of the Interior

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

Consultation Code: 05E1NE00-2017-SLI-0267 November 12, 2016
Event Code: 05E1NE00-2017-E-00321
Project Name: 211 Morgan Ave, East Haven, CT

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 □iological Assessment is required for construction projects (or other underta□ings 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 □iological 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 □iological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the □iological 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 Handboo□□at:

http://www.fws.gov/endangered/esa-library/pdf/TOC-□LOS.PDF

Please be aware that bald and golden eagles are protected under the □ald and □olden Eagle Protection Act (16 U.S.C. 66□*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.

□uidance 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/Current□irdIssues/Hazards/towers/towers.htm□ http://www.tower□ill.com□and http://www.fws.gov/migratorybirds/Current□irdIssues/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 Trac□ing 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: 211 Morgan Ave, East Haven, CT

Official Species List

Provided by:

New England Ecological Services Field Office
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 03301
(603) 223-2541
http://www.fws.gov/newengland

Consultation Code: 05E1NE00-2017-SLI-0267
Event Code: 05E1NE00-2017-E-00321

Project Type: Federal □rant / Loan Related

Project Name: 211 Morgan Ave, East Haven, CT
Project Description: E□isting property on developed site

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.

Project Location Map:

Project Coordinates: MULTIPOL□□ON (((-72.□9621025323□6□41.24524□29502344, -72.□960171341□96 41.2454156□40771, -72.□962960□392715 41.24563147415216, -72.□963363170623□ 41.24536123226335, -72.□9621025323□6□ 41.24524□29502344)))

Project Counties: New Haven, CT

Endangered Species Act Species List

There are a total of 3 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 e□ist in another geographic area. For e□ample, 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 □not *(Calidris canutus rufa)* Population: Wherever found	Threatened		
Roseate tern *(Sterna dougallii dougallii)* Population: northeast U.S. nesting pop.	Endangered		
Mammals			
Northern long-eared □at *(Myotis septentrionalis)* Population: Wherever found	Threatened		

Critical habitats that lie within your project area

There are no critical habitats within your project area.

TOWN OF
EAST HAVEN
FIRE DEPARTMENT

CHIEF DOUGLAS F. JACKSON
FIRE MARSHAL/DC MARK NIMONS

ASSISTANT CHIEF CHARLES LICATA
TRAINING OFFICER/DC PAUL J. NORWOOD

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

From: Fire Marshal / Deputy Chief Mark Nimons

Date: December 20, 2016

Subject: Thermal/Explosive/Toxic Hazards

Address: 211 Morgan Avenue East Haven, Ct. 06512

Mrs. Delaire,

A review of the East Haven Fire Department' s records and a site review have indicated that 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 purpose of the United States Department of Housing and Urban Development to approve and fund a Community Development Block Grant Application for the property listed as 211 Morgan Avenue. This information may not be relied upon by any other person or organization other than the Unites States Department of Housing and Urban Development.

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

Thank You

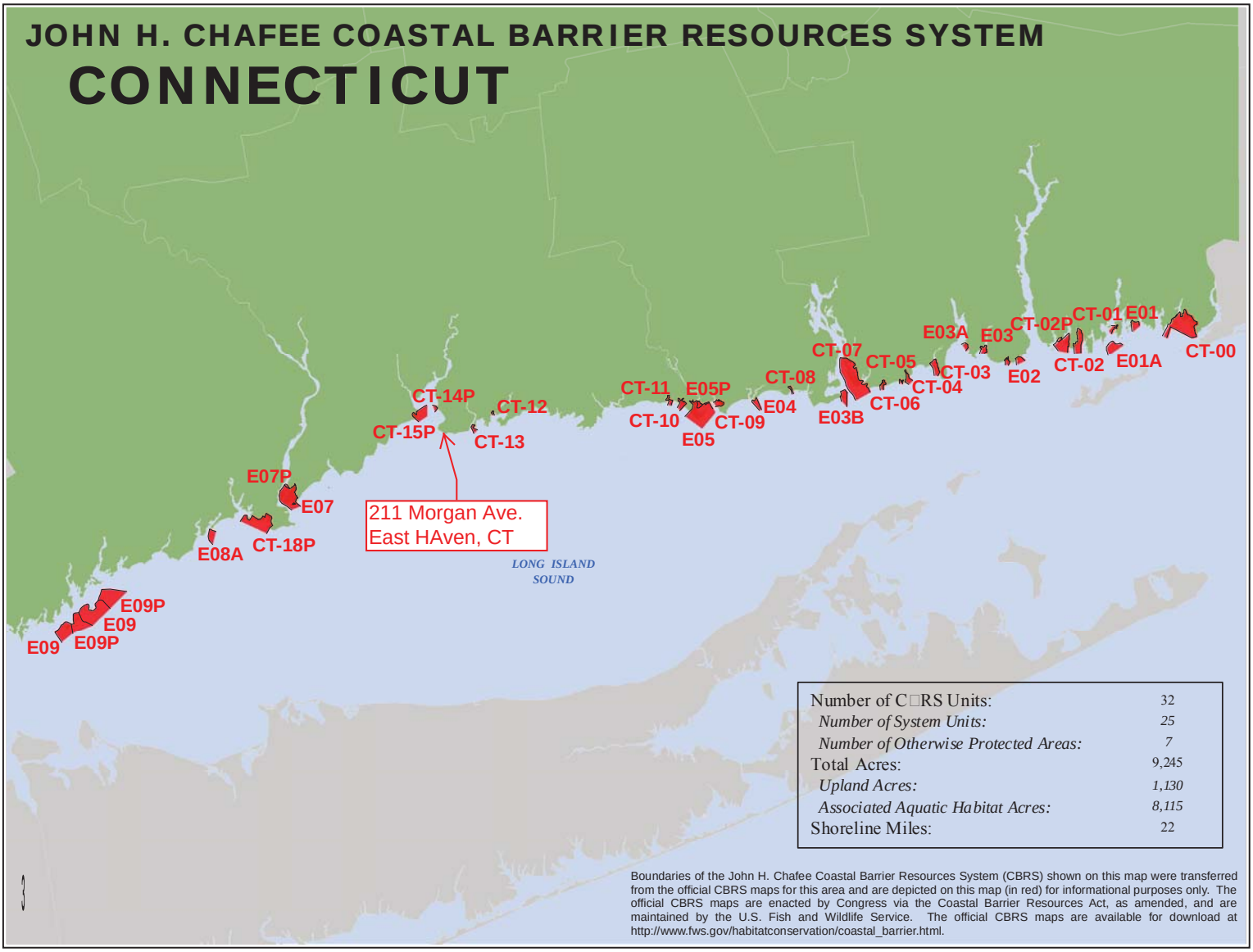
Mark Nimons

Mark Nimons
Fire Marshal / Deputy Chief
East Haven Fire Department
200 Main Street
East Haven, CT 06512
Office (203)468-3221
Fax (203)468-3921

10D

JOHN H. CHAFEE COASTAL BARRIER RESOURCES SYSTEM

CONNECTICUT



Number of C□RS 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.

Loureiro
Engineering • Construction • EH&S • Energy
Waste • Facility Services • Laboratory

October 10, 2016

Amaya Architects
2□4 Racebroo□ Rd
Orange, CT 06477

Attn: Rafael Amaya

RE: Hazardous Building Materials Survey for Proposed Renovations
Location: 211 Morgan Avenue East Haven, CT
Commission Number: 01.MH6.01

Dear Rafael Amaya:

In accordance with our proposal, Loureiro Engineering Associates, Inc. (Loureiro) conducted hazardous building material sampling and analysis for: accessible suspect asbestos-containing materials (ACM's), lead-based paint and mold in the dwelling located at 211 Morgan Avenue, East Haven, Connecticut. The purpose of the hazardous building material sampling and analysis was to identify suspect hazardous building materials prior to the proposed renovation of the site structure.

Please refer to Appendi□A for analytical results and chain of custody forms.

If you have any questions as you review the report, please contact me at □60-410-2945.

Sincerely,

LOUREIRO ENGINEERING ASSOCIATES, INC.

Steven M. Douglas
Project Scientist

□amie Roche
Director, Environmental Services

Enclosures:

Appendi□A Asbestos Laboratory Analysis Data
Appendi□□ Staff and Laboratory Certifications

13C,13D,13E,13F

Loureiro
Engineering • Construction • EH&S • Energy
Waste • Facility Services • Laboratory

1.0 INTRODUCTION

1.1 Purpose

Loureiro was retained by Amaya Architects to conduct hazardous building 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. 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.

1.2 Special Terms and Conditions

Loureiro was contracted to perform an investigative survey of all accessible interior and e terior spaces. These areas included the living spaces, attic, porches, e terior areas and accessible roofing. Inaccessible areas were generally identified as above or behind documented finish materials. Estimated quantities and appro imate locations of ACM's as presented were based on the visual observations at the time of the survey. Visual observations were made to determine the 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 did not perform destructive investigation for verification of any additional suspect materials.

2.0 AS ESTOS INVESTI ATIVE SURVE

2.1 eneral 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 Appendi 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 Appendi). 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 analysis using the EPA-endorsed Polarized Light Microscopy EPA 600/R-93/116 (PLM) method. The percentage of asbestos present in each sample was determined by the visual area estimation technique.

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Samples were collected using a wet technique to prevent airborne fiber release. Each suspect material was sampled using hand tools through its entire thic□ness 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.

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 bul□ sample chain of custody forms:

Table 1 –ACM Summary

Sample	Description	Location	Quantity	Results
091616-1a,b,c	□ray Mortar for CMU Foundation	□asement	N/A	Non-Detect
091616-2a	□ray □ypsum □oard	□asement Stairs	N/A	Non-Detect
091616-2b	□ray □ypsum □oard	First Floor □athroom	N/A	Non-Detect
091616-2c	□ray □ypsum □oard	□itchen	N/A	Non-Detect
091616-2d	□ray □ypsum □oard	Hallway	N/A	Non-Detect
091616-2e	□ray □ypsum □oard	Second Floor Small □edroom	N/A	Non-Detect
091616-3a	White □oint Compound	□asement Stairs	N/A	Non-Detect
091616-3b	White □oint Compound	First Floor □athroom	N/A	Non-Detect
091616-3c	White □oint Compound	□itchen	N/A	Non-Detect
091616-3d	White □oint Compound	Hallway	N/A	Non-Detect
091616-3e	White □oint Compound	Second Floor Small □edroom	N/A	Non-Detect
091616-4a	Popcorn Te□tured Ceiling Coating	First Floor □athroom	N/A	Non-Detect
091616-4b	Popcorn Te□tured Ceiling Coating	□itchen	N/A	Non-Detect
091616-4c	Popcorn Te□tured Ceiling Coating	Second Floor Stairway	N/A	Non-Detect
091616-4d	Popcorn Te□tured Ceiling Coating	Hallway	N/A	Non-Detect
091616-4e	Popcorn Te□tured Ceiling Coating	Second Floor □athroom	N/A	Non-Detect
091616-5a	E□terior Door Frame Caul□	Side Door	N/A	Non-Detect
091616-5b	E□terior Door Frame Caul□	□ac□ □itchen Door	N/A	Non-Detect
091616-5c	E□terior Door Frame Caul□	Front Door	N/A	Non-Detect
091616-6a,b,c	E□terior Window Frame Caul□	□asement Windows	N/A	Non-Detect

Sample	Description	Location	Quantity	Results
091616-7a,b,c	Stucco on Foundation	E□terior	N/A	Non-Detect

Please refer to the Appendices specific to the Laboratory results and chain of custody forms.

3.0 LEAD-□ASED PAINT SURVE□

The Lead-based paint survey was conducted with an X-Ray Fluorescent (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/cm^2.

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 si□ years old reside. These guidelines define the regulated level of lead paint (To□ic 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 the purposes of this report, all paints containing detectable amounts of lead are considered lead-based paints. This action is ta□en because OSHA regulates lead in construction based on airborne e□posures and it cannot be ensured that lead paint with concentrations of lead less than 1.0 mg/cm^2 or 0.50□ mass will not result in e□posures e□ceeding the OSHA standard.

Table 2: Details the Results of the XRF Tested of Painted Components

Table 2 – Lead Paint - XRF Results

Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm^2)
E□terior	Clapboard Siding	D	□lue	Wood □ood	0.0
E□terior	Stucco	D	□lue	Cement □ood	0.0
E□terior	Stucco	D	□lue	Cement □ood	0.0
E□terior	Dec□Railing	C	White	Wood □ood	0.0
E□terior	Stair Tread	C	□lue	Wood □ood	0.0
E□terior	Stair Stringer	C	□lue	Wood □ood	0.0
E□terior	Dec□Post	C	White	Wood □ood	0.0
E□terior	Dec□□oist	C	White	Wood □ood	0.0
E□terior	Dec□Floor □oard	C	□lue	Wood □ood	0.0

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Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm^2)
E□terior	Clapboard Siding	C	□lue	Wood □ood	0.0
E□terior	Door	C	White	Wood □ood	0.0
E□terior	Door Frame	C	White	Wood □ood	0.0
E□terior	Door □amb	C	White	Wood □ood	0.0
E□terior	Door	C	White	Metal □ood	0.0
E□terior	Door Frame	C	White	Wood □ood	0.0
E□terior	Door □amb	C	White	Wood □ood	0.0
E□terior	Strom Door	C	White	Metal □ood	0.0
E□terior	Siding Corner Molding	C	White	Wood □ood	0.0
E□terior	Siding Corner Molding	□	White	Wood □ood	0.0
E□terior	Clapboard Siding	□	□lue	Wood □ood	0.0
E□terior	Dec□Post	□	□lue	Wood □ood	0.0
E□terior	Dec□Railing	A	□lue	Wood □ood	0.0
E□terior	Dec□Floor □oard	A	White	Wood □ood	0.0
E□terior	Dec□Stair Tread	A	□lue	Wood □ood	0.0
E□terior	Dec□Stair Stringer	A	□lue	Wood □ood	0.0
E□terior	Door Frame	A	□lue	Wood □ood	0.0
E□terior	Door □amb	A	White	Wood □ood	0.0
Living/Dining	Window Sill	A	White	Wood □ood	0.0
Living/Dining	Window Sash	A	White	Wood □ood	0.0
Living/Dining	Window Frame	A	White	Wood □ood	0.0
Living/Dining	□aseboard Radiator	A	White	Metal □ood	0.0
Living/Dining	Ceiling	-	White	Drywall □ood	0.0
Living/Dining	Wall	A	Tan	Drywall □ood	0.0
Living/Dining	Wall	□	Red	Drywall □ood	0.0
Living/Dining	□aseboard Radiator	□	White	Meatal □ood	0.0
Living/Dining	Wall	D	Tan	Drywall □ood	0.0
Living/Dining	□aseboard	D	White	Wood □ood	0.0
Living/Dining	Window Sill	D	White	Wood □ood	0.0
Living/Dining	Window Sash	D	White	Wood □ood	0.0
Living/Dining	Window Frame	D	White	Wood □ood	0.0
□itchen	Wall	□	□ellow	Drywall □ood	0.0
□itchen	Wall	C	□ellow	Drywall □ood	0.0
□itchen	Wall	D	□ellow	Drywall □ood	0.0
□itchen	Chair Rail	C	White	Wood □ood	0.0
□itchen	Window Sill	□	White	Wood □ood	0.0
□itchen	Window Frame	□	White	Wood □ood	0.0
□itchen	Window Sash	□	White	Wood □ood	0.0
□itchen	Door	C	White	Wood □ood	0.0
□itchen	Door Frame	C	White	Wood □ood	0.0

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Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm^2)
□itchen	Door	D	White	Wood □ood	0.0
□itchen	Door □amb	D	White	Wood □ood	0.0
□itchen	Door Frame	D	White	Wood □ood	0.0
□itchen	Ceiling	-	White	Drywall □ood	0.0
□itchen	□aseboard	D	White	Wood □ood	0.0
□itchen	□aseboard Radiator	D	White	Metal □ood	0.0
First Fl. □ath	Wall	A	Red	Drywall □ood	0.0
First Fl. □ath	Wall	□	Red	Drywall □ood	0.0
First Fl. □ath	Wall	C	Red	Drywall □ood	0.0
First Fl. □ath	Wall	D	Red	Drywall □ood	0.0
First Fl. □ath	Ceiling	-	White	Drywall □ood	0.0
First Fl. □ath	Window Sill	C	White	Wood □ood	0.0
First Fl. □ath	Window Frame	C	White	Wood □ood	0.0
First Fl. □ath	Door	D	White	Wood □ood	0.0
First Fl. □ath	Door Frame	D	White	Wood □ood	0.0
First Fl. □ath	Door □amb	D	White	Wood □ood	0.0
First Fl. □ath	Closet Door	D	White	Wood □ood	0.0
First Fl. □ath	□aseboard	D	White	Wood □ood	0.0
First Fl. □ath	□aseboard Radiator	C	White	Metal □ood	0.0
□asement Stairs	Wall	□	White	Drywall □ood	0.0
□asement Stairs	Wall	C	White	Drywall □ood	0.0
□asement Stairs	Wall	D	White	Drywall □ood	0.0
□asement Stairs	Ceiling	-	White	Drywall □ood	0.0
Second Fl. Stairs	Stair Stinger	D	White	Wood □ood	0.0
Second Fl. Stairs	Stair Riser	D	White	Wood □ood	0.0
Second Fl. Stairs	Stair Tread	D	White	Wood □ood	0.0
Second Fl. Stairs	Wall	D	White	Drywall □ood	0.0
Second Fl. Stairs	Wall	□	Tan	Drywall □ood	0.0
Hallway	Wall	A	□ellow	Drywall □ood	0.0
Hallway	Wall	□	□ellow	Drywall □ood	0.0
Hallway	Wall	C	□ellow	Drywall □ood	0.0
Hallway	Wall	D	□ellow	Drywall □ood	0.0
Hallway	Ceiling	-	White	Drywall □ood	0.0

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Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm^2)
Hallway	Parquet Floor	-	Stain	Wood □ood	0.0
Hallway	□aseboard	A	White	Wood □ood	0.0
Hallway	Door	D	White	Wood □ood	0.0
Hallway	Door Frame	D	White	Wood □ood	0.0
Hallway	Door □amb	D	White	Wood □ood	0.0
Second Fl. □ath	Wall	A	White	Drywall □ood	0.0
Second Fl. □ath	Wall	□	White	Drywall □ood	0.0
Second Fl. □ath	Wall	C	White	Drywall □ood	0.0
Second Fl. □ath	Wall	D	White	Drywall □ood	0.0
Second Fl. □ath	Ceiling	-	White	Drywall □ood	0.0
Second Fl. □ath	Window Sill	C	White	Wood □ood	0.0
Second Fl. □ath	Window Frame	C	White	Wood □ood	0.0
Second Fl. □ath	Window Sash	C	White	Wood □ood	0.0
Second Fl. □ath	□aseboard Radiator	C	White	Metal □ood	0.0
Interior Porch	Clapboard Siding	A	White	Wood □ood	0.0
Interior Porch	Clapboard Siding	□	White	Wood □ood	0.0
Interior Porch	Clapboard Siding	C	White	Wood □ood	0.0
Interior Porch	Clapboard Siding	D	White	Wood □ood	0.0
Interior Porch	Ceiling	-	White	Wood □ood	0.0
Interior Porch	Floor	-	□ray	Wood □ood	0.0
Large □edroom	Wall	A	Tan	Drywall □ood	0.0
Large □edroom	Wall	□	Tan	Drywall □ood	0.0
Large □edroom	Wall	C	Tan	Drywall □ood	0.0
Large □edroom	Wall	D	Tan	Drywall □ood	0.0
Large □edroom	Door	C	White	Wood □ood	0.0
Large □edroom	Door Frame	C	White	Wood □ood	0.0
Large □edroom	Door □amb	C	White	Wood □ood	0.0
Large □edroom	□aseboard	C	White	Wood □ood	0.0

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Room / Area	Component	Side	Paint Color	Substrate (Condition)	Results (mg/cm^2)
Large edroom	aseboard Radiator	A	White	Metal ood	0.0
Medium edroom	Wall	A	lue	Drywall ood	0.0
Medium edroom	Wall		lue	Drywall ood	0.0
Medium edroom	Wall	C	lue	Drywall ood	0.0
Medium edroom	Wall	D	lue	Drywall ood	0.0
Medium edroom	Door	C	White	Wood ood	0.0
Medium edroom	Door Frame	C	White	Wood ood	0.0
Medium edroom	Door amb	C	White	Wood ood	0.0
Medium edroom	aseboard	C	White	Wood ood	0.0
Medium edroom	aseboard Radiator	A	White	Metal ood	0.0
Small edroom	Wall	A	rown	Drywall ood	0.0
Small edroom	Wall		rown	Drywall ood	0.0
Small edroom	Wall	C	rown	Drywall ood	0.0
Small edroom	Wall	D	rown	Drywall ood	0.0
Small edroom	Door	D	White	Wood ood	0.0
Small edroom	Door Frame	D	White	Wood ood	0.0
Small edroom	Door amb	D	White	Wood ood	0.0
Small edroom	aseboard	D	White	Wood ood	0.0
Small edroom	Window Sill		White	Wood ood	0.0
Small edroom	Window Sash		White	Wood ood	0.0
Small edroom	Window Frame		White	Wood ood	0.0

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4.0 MOLD

Loureiro did not observed mold growth on any building materials. Therefore, Loureiro did not conduct mold sampling during this survey.

5.0 RECOMMENDATIONS

In accordance with the OSHA regulations (29 CFR Part 1926.1101 and 1910.1001), all potential contractors bidding on wor 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 were identified as negative for asbestos and may be removed at will and disposed of as standard construction debris. In addition, any new building materials that have not previously been identified shall be assumed to contain asbestos until the materials has been properly tested.

Lead Paint was not detected in any painted components. Any new painted components that have not previously been tested discovered during renovation shall be assumed to contain lead based paints until the materials has been properly tested.

Appendix A

Asbestos Laboratory Analysis Data

EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06492

Tel/Fax: (203) 284-5948 / (203) 284-5978

http://www.EMSL.com / wallingfordlab@emsl.com

EMSL Order: 241604065
Customer ID: LOUR62
Customer PO:
Project ID:

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

Project:

Phone: (860) 747-6181
Fax: (860) 747-8822
Received Date: 09/20/2016 11:00 AM
Analysis Date: 09/21/2016 - 09/22/2016
Collected Date: 09/16/2016

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
091616-1A *241604065-0001*	GRAY MORTAR FOR CMU BLOCK FOUNDATION	Gray Non-Fibrous Homogeneous		65% Quartz 35% Non-fibrous (Other)	None Detected
091616-1B *241604065-0002*	GRAY MORTAR FOR CMU BLOCK FOUNDATION	Gray Non-Fibrous Homogeneous		50% Quartz 50% Non-fibrous (Other)	None Detected
091616-1C *241604065-0003*	GRAY MORTAR FOR CMU BLOCK FOUNDATION	Gray Non-Fibrous Homogeneous		52% Quartz 2% Mica 46% Non-fibrous (Other)	None Detected
091616-2A *241604065-0004*	GYPSUM BOARD-GRAY	Gray Non-Fibrous Homogeneous		65% Gypsum 35% Non-fibrous (Other)	None Detected
091616-2B *241604065-0005*	GYPSUM BOARD-GRAY	Gray Non-Fibrous Homogeneous		70% Gypsum 30% Non-fibrous (Other)	None Detected
091616-2C *241604065-0006*	GYPSUM BOARD-GRAY	Gray Non-Fibrous Homogeneous		70% Gypsum 30% Non-fibrous (Other)	None Detected
091616-2D *241604065-0007*	GYPSUM BOARD-GRAY	Gray Non-Fibrous Homogeneous	5% Cellulose	70% Gypsum 25% Non-fibrous (Other)	None Detected
091616-2E *241604065-0008*	GYPSUM BOARD-GRAY	Gray Non-Fibrous Homogeneous		70% Gypsum 30% Non-fibrous (Other)	None Detected
091616-3A *241604065-0009*	JOINT COMPOUND-WHITE	White Non-Fibrous Homogeneous		70% Ca Carbonate 6% Mica 24% Non-fibrous (Other)	None Detected
091616-3B *241604065-0010*	JOINT COMPOUND-WHITE	White Non-Fibrous Homogeneous		75% Ca Carbonate 3% Mica 22% Non-fibrous (Other)	None Detected
091616-3C *241604065-0011*	JOINT COMPOUND-WHITE	White Non-Fibrous Homogeneous		65% Ca Carbonate 35% Non-fibrous (Other)	None Detected
091616-3D *241604065-0012*	JOINT COMPOUND-WHITE	White Non-Fibrous Homogeneous		68% Ca Carbonate 5% Mica 27% Non-fibrous (Other)	None Detected
091616-3E *241604065-0013*	JOINT COMPOUND-WHITE	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (Other)	None Detected
091616-4A *241604065-0014*	TEXTURED CEILING COATING-POPCORN	White Non-Fibrous Homogeneous		68% Ca Carbonate 9% Vermiculite 23% Non-fibrous (Other)	None Detected
091616-4B *241604065-0015*	TEXTURED CEILING COATING-POPCORN	White Non-Fibrous Homogeneous		75% Ca Carbonate 25% Non-fibrous (Other)	None Detected
091616-4C *241604065-0016*	TEXTURED CEILING COATING-POPCORN	White Non-Fibrous Homogeneous		68% Ca Carbonate 32% Non-fibrous (Other)	None Detected

Initial report from: 09/22/2016 10:43:16

EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06492

Tel/Fax: (203) 284-5948 / (203) 284-5978

http://www.EMSL.com / wallingfordlab@emsl.com

EMSL Order:	241604065
Customer ID:	LOUR62
Customer PO:	
Project ID:	

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
091616-4D *241604065-0017*	TEXTURED CEILING COATING-POPCORN	White Non-Fibrous Homogeneous		75% Ca Carbonate 25% Non-fibrous (Other)	None Detected
091616-4E *241604065-0018*	TEXTURED CEILING COATING-POPCORN	White Non-Fibrous Homogeneous		50% Ca Carbonate 15% Vermiculite 35% Non-fibrous (Other)	None Detected
091616-5A *241604065-0019*	EXTERIOR DOOR FRAME CAULK	Gray Non-Fibrous Homogeneous		12% Ca Carbonate 88% Non-fibrous (Other)	None Detected
091616-5B *241604065-0020*	EXTERIOR DOOR FRAME CAULK	Gray/White Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
091616-5C *241604065-0021*	EXTERIOR DOOR FRAME CAULK	White/Blue Non-Fibrous Homogeneous		40% Ca Carbonate 60% Non-fibrous (Other)	None Detected
091616-6A *241604065-0022*	EXTERIOR WINDOW FRAME CAULK	Gray/White Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
091616-6B *241604065-0023*	EXTERIOR WINDOW FRAME CAULK	White Non-Fibrous Homogeneous		15% Ca Carbonate 85% Non-fibrous (Other)	None Detected
091616-6C *241604065-0024*	EXTERIOR WINDOW FRAME CAULK	White/Blue Non-Fibrous Homogeneous		35% Ca Carbonate 65% Non-fibrous (Other)	None Detected
091616-7A *241604065-0025*	STUCCO ON CMU BLOCK FOUNDATION	Brown Non-Fibrous Homogeneous		60% Quartz 40% Non-fibrous (Other)	None Detected
091616-7B *241604065-0026*	STUCCO ON CMU BLOCK FOUNDATION	Brown Non-Fibrous Homogeneous		68% Quartz 32% Non-fibrous (Other)	None Detected
091616-7C *241604065-0027*	STUCCO ON CMU BLOCK FOUNDATION	Brown Non-Fibrous Homogeneous		43% Quartz 4% Mica 53% Non-fibrous (Other)	None Detected

Analyst(s)

Daena Charles (20)

Shahrakur Mahmud (7)

Lauren Brennan, Asbestos Lab Manager
or Other Approved Signatory

Initial report from: 09/22/2016 10:43:16

Appendix B

Staff and Laboratory Certifications

State of Connecticut

WALLET CARD
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH
NAME
STEVEN M DOUGLAS
VALIDATION NO. 03-287232
CERTIFICATE NO 000287
CURRENT THROUGH 09/30/16
PROFESSION
ASBESTOS CONSULTANT-INSP/MGMT PLANNER
SIGNATURE
COMMISSIONER

Lookup Detail View

Name

Name
STEVEN M DOUGLAS

License Information
lookup

License Type	License Number	Expiration Date	Granted Date	License Name	License Status	Licensure Actions or Pending Charges
Lead Inspector Risk Assessor	2229	09/30/2016	09/01/2009	STEVEN M DOUGLAS	ACTIVE	None

Generated on: 1/6/2016 4:57:10 PM

State of Connecticut

Lookup Detail View

Name

Name
STEVEN M DOUGLAS

License Information
lookup

License Type	License Number	Expiration Date	Granted Date	License Name	License Status	Licensure Actions or Pending Charges
Asbestos Consultant-Project Monitor	578	09/30/2016	11/01/2006	Steven M. Douglas	ACTIVE	None

Generated on: 1/6/2016 4:56:24 PM

United States Department of Commerce
National Institute of Standards and Technology

Certificate of Accreditation to ISO/IEC 17025:2005

NVLAP LAB CODE: 200700-0

EMSL Analytical, Inc.

Wallingford, CT

is accredited by the National Voluntary Laboratory Accreditation Program for specific services, listed on the Scope of Accreditation, for:

Asbestos Fiber Analysis

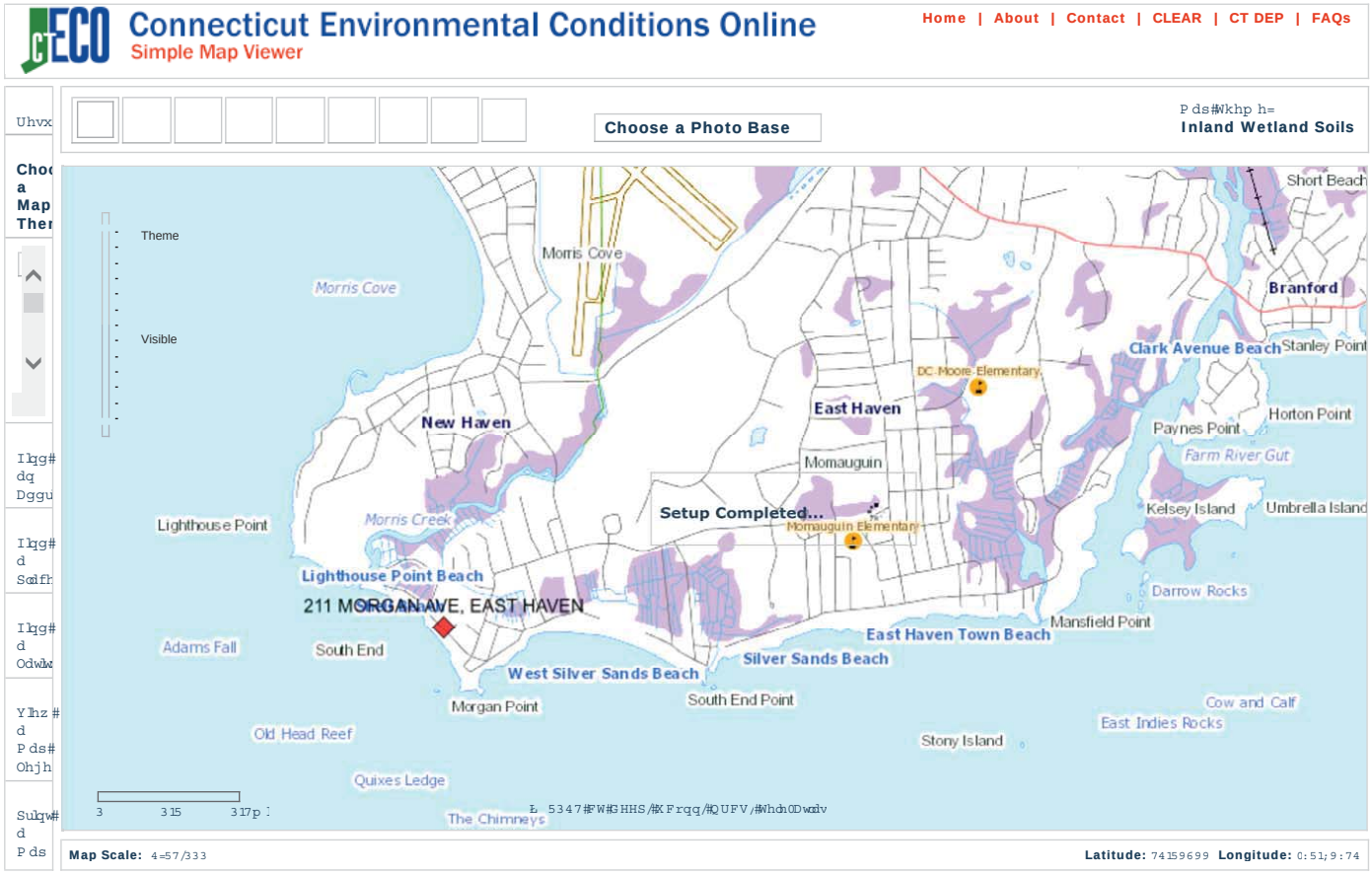
This laboratory is accredited in accordance with the recognized International Standard ISO/IEC 17025:2005. This accreditation demonstrates technical competence for a defined scope and the operation of a laboratory quality management system (refer to joint ISO-ILAC-IAF Communique dated January 2009).

2016-01-01 through 2016-12-31

Effective Dates

DEPARTMENT OF COMMERCE · UNITED STATES OF AMERICA

For the National Voluntary Laboratory Accreditation Program


Connecticut Environmental Conditions Online
Simple Map Viewer
Home | About | Contact | CLEAR | CT DEP | FAQs
Choose a Photo Base
Inland Wetland Soils
Theme
Visible
Morris Cove
New Haven
East Haven
Momauguin
Setup Completed...
Momauguin Elementary
DC Moore Elementary
Short Beach
Branford
Clark Avenue Beach
Stanley Point
Horton Point
Paynes Point
Farm River Gut
Kelsey Island
Umbrella Island
Lighthouse Point
Morris Creek
Lighthouse Point Beach
211 MORGAN AVE, EAST HAVEN
Adams Fall
South End
West Silver Sands Beach
Silver Sands Beach
East Haven Town Beach
Darrow Rocks
Mansfield Point
Morgan Point
South End Point
Cow and Calf
East Indies Rocks
Old Head Reef
Stony Island
Quixes Ledge
The Chimneys
Map Scale:
Latitude:
Longitude:

TOWN OF
EAST HAVEN

ZONING BOARD OF APPEALS

ZONING BOARD OF APPEALS

August 18, 2017

Neil and Karen Price
211 Morgan Avenue
East Haven, CT 06512

USPS Certified Mail #: 7017 0530 0000 2822 2465

This is to certify that: Rafael Amaya

was granted a: [X] VARIANCE [ ] CERTIFICATE OF APPROVED LOCATION
[ ] APPEAL: [ ] DENIED [ ] UPHELD [ ] OTHER

by the East Haven Zoning Board of Appeals on 08/17/2017 for the property located at:

211 Morgan Avenue
(Property Address)

R-3	010	0202	003
Zone	Map #	Block #	Parcel #

in the Town of East Haven, County of New Haven, State of Connecticut for which Neil and Karen Price are the owners.

Said property is more fully described as follows: Lift house, demo existing foundation and basement slab, construct new concrete piers, and reconstruct surrounding deck and stairs.

The request was granted as follows: Schedule B, Line 6: 40' maximum allowed, 40.5 proposed. Schedule B, Line 7: 46' required, 2.33 proposed. Schedule B, Line 11: 20% maximum allowed, 36.8 proposed.

"NO VARIANCE, SPECIAL PERMIT, OR SPECIAL EXCEPTION GRANTED PURSUANT TO CHAPTER 124 OR ANY SPECIAL ACT SHALL BE EFFECTIVE UNTIL A COPY THEREOF IS RECORDED IN THE LAND RECORDS OF THE TOWN IN WHICH SUCH PREMISES ARE LOCATED. (P.A. 75-317)

ZONING BOARD OF APPEALS

BY _____, ZEO

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