

November 16, 2015

Suzanne Mazzotta  
Department of Housing  
505 Hudson Street  
Hartford, CT 06106

RE: Applicant 1962, 36 Westland Avenue, Milford, CT

Dear Ms. Mazzotta,

This letter is to provide a summary description of the Statutory Checklist for CDBG-DR Applicant – 1962, Eileen Carleton.

The following Statutory Checklist Items have backup documentation which is provided as attachments,

- Item 1 – CT State Historic Preservation Office (SHPO) Determination Statement
- Item 2 – National Flood Insurance Program FIRMette Map
- Item 3 – U.S. Fish and Wildlife Service, National Wetlands Inventory Mapping
- Item 4 – Connecticut Coastal Boundary Mapping
- Item 5 – Connecticut Aquifer Protection Area Mapping
- Item 6A – Natural Diversity Database Mapping
- Item 6B – U.S. Fish and Wildlife, Information Planning and Conservation List
- Item 11 – Connecticut Department of Economic and Community Development list of Distressed Municipalities
- Item 12-A – National Flood Insurance Program FIRMette Map
- Item 12-B – Coastal Barrier Resource System Map
- Item 13-C – Hazardous Material Inspection Report,
- Item 13-D – Hazardous Material Inspection Report,
- Item 13-E – Hazardous Material Inspection Report
- Item 13-F – Hazardous Material Inspection Report,
- Item 14-A – National Flood Insurance Program FIRMette Map, Flood Management Certification
- Item 14-C – Tidal Wetlands Map
- Item 14-E – Buffer Map

Checklist list items requiring permitting and/or regulatory review include

- Item 1 - SHPO

- Item 14-A – Flood Management Certification
- Item 14-E – Review by City of Milford Municipal board will be necessary to obtain a Building Permit

Please contact me at 860-436-4364 with questions or comments.

Yours Sincerely,



Richard Couch, PE

*Member*

**Martinez Couch & Associates, LLC**

Figure E-10 Statutory Checklist

**STATUTORY CHECKLIST [§58.35(a) activities]**

**for Categorical Exclusions and Environmental Assessments**

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

**Project Name and Identification No. CDBG-DR Project 1962 – 36 Westland Avenue**

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
<b>Document Laws and authorities listed at 24 CFR Sec. 58.5</b>							
1. Historic Properties [58.5(a)] [Section 106 of NHPA]	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See attachment 1 for determination statement from CT State Historic Preservation Office. Project activities will have an adverse effects on the state of Connecticut’s historic resources. Historic context statement completed for standard treatment measure as part Programmatic agreement (PA) for 36 Westland Avenue, Milford, CT.
2. Floodplain Management [58.5(b)] [Ex Or 11988] [24 CFR 55]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09009C0533J, revised July 8, 2013 Identifies the property at 36 Westland Avenue, Milford, CT is located inside Zone AE with a base flood elevation of 11 feet defined for the 1% Annual Chance Flood. Refer to Attachment 2 included as documentation.
3. Wetland Protection [58.5 (b)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	United States Fish and Wildlife Services (USFWS), National Wetlands Inventory (NWI) mapping identifies the project site outside a wetland zone. See attachment 3 for map documentation. Mapping is Geographic Information System (G.I.S.) map created using data accessed from USFWS NWI website at <a href="http://www.fws.gov/wetlands/Data/State-Downloads.html">http://www.fws.gov/wetlands/Data/State-Downloads.html</a>
4. Coastal Zone Management [58.5(c)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project site at 36 Westland Avenue, Milford, CT is located inside a Coastal Boundary Zone. See attachment 4 for map documentation. Mapping is Geographic Information System (G.I.S.) map created using data accessed from CT Environmental Conditions Online (CT ECO) of the Coastal Boundary Zone from <a href="http://www.cteco.uconn.edu/">http://www.cteco.uconn.edu/</a>

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
5. Water Quality – Aquifers [58.5(d)] [40 CFR 149]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	On site water and sewer facilities are not included in rehabilitation work for 36 Westland Avenue, Milford, CT. Connecticut DEEP Bureau of Water Protection and Land Reuse map titled 'Connecticut Aquifer Protection Areas' dated December 16, 2013 does not identify aquifer protection areas in the City of Milford Connecticut near the project site. See attachment 5 for documentation.
6. Endangered Species [58.5(e)] [16 U.S.C. 1531 et seq.]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project is located outside mapped Natural Diversity Data Base (NDDB) areas from CT DEEP. See attachment 6A for Geographic Information System (G.I.S.) map of NDDB areas created using data accessed from Connecticut Environmental Conditions Online (CT ECO) at <a href="http://www.cteco.uconn.edu/">http://www.cteco.uconn.edu/</a> . U.S. Fish & Wildlife Service Information, Planning, and Conservation (IPaC) List, included as attachment 6B. Residential rehabilitation at project site will not effect the two (2) threatened Endangered Species and 23 Migratory Birds on the IPaC list. No Critical Habitats, or Wildlife Refugees are identified in the project site.
7. Wild and Scenic Rivers [58.5 (f)] [16 U.S.C. 1271 et seq.]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project site is not proximate to the Eight Mile River or the Farmington River West Branch listed in the National Wild and Scenic Rivers System.
8. Air Quality [58.5(g)] [42 U.S.C. 7401 et seq.]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No quantifiable increase in air pollution is measurable for proposed rehabilitation activities.
9. Farmland Protection [58.5(h)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All activity will occur inside existing structure foot print and no change in land use is proposed.
Manmade Hazards 10 A. Thermal Explosive [58.5(i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Per 24 CFR 51 Subpart C and HUD Guidebook 6600.G rehabilitation work that does not alter the number dwelling units or a change of land use is not subject to Acceptable Separation Distance (ASD) requirements for HUD assisted projects near hazardous operations handling petroleum products or chemicals of an explosive or flammable nature.
10 B. Noise [58.5(i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Noise Abatement and Control requirements per 24 CFR 51.101(a)(3) are not applicable to HUD assisted projects which restore facilities substantially as they existed prior to a disaster.
10 C. Airport Clear Zones [58.5 (i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The residential structure at 36 Westland Avenue, Milford, CT is located outside the Runway Clear Zone of Tweed/New Haven Commercial Airport.
10 D. Toxic Sites [58.5 (i)(2)(i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The project site at 36 Westland Avenue, Milford, CT is, <ul style="list-style-type: none"> <li>1. Not listed on EPA's NPL Lists (Proposed and Final) or the State of Connecticut's Superfund Priority List;</li> <li>2. Not listed in Comprehensive Environmental Response and Compensation Liability Information System (CERCLIS) database search as a</li> </ul>

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
							<p>Comprehensive Environmental Response and Compensation Liability Act (CERCLA) site;</p> <ol style="list-style-type: none"> <li>3. Not located within 3,000 feet of a landfill site as listed on CT DEEP's active landfill list;</li> <li>4. Not listed on CT DEEP's Underground Storage Tank list</li> <li>5. Not listed on CT DEEP's list of potentially contaminated sites and is not known or suspected to be contaminated by toxic chemicals or radioactive materials</li> </ol>
11. Environmental Justice [58.5(j)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The rehabilitation work at the project site, 36 Westland Avenue, Milford, CT, is compatible with the surrounding residential use and no adverse human health and environmental effects on minority or low income populations are expected. The City of Milford, Connecticut is not listed by the Connecticut Department of Economic and Community Development (CT DECD) as a distressed municipality as defined in C.G.S. Section 22a-20. See attachment 7 for the 2014 listing of distressed municipalities in CT from the CT DECD in which City of Milford, CT is not listed.
<b>Document Laws and authorities listed at Sec. 58.6 and other potential environmental concerns</b>							
12 A. Flood Insurance [58.6(a) & (b)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09009C0533J, revised July 8, 2013 identifies the property at 36 Westland Avenue, Milford, CT is located inside Zone AE with a base flood elevation of 11 feet defined for the 1% Annual Chance Flood. Map is included as documentation. Property owner will be required to maintain flood insurance for a period of 5 years after acceptance of CDBG-DR OORR project funding.
12 B. Coastal Barriers [58.6(c)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project at 36 Westland Avenue, Milford, CT is not located within a Coastal Barrier Resource System unit. See attachment 8 for documentation. Mapping is Geographic Information System (G.I.S.) map created using data digitized from official John H. Chafee Coastal Barrier Resource System maps enacted by law and endorsed by the U.S. Fish and Wildlife Service. Digital data was accessed from CT Environmental Conditions Online (CT ECO) at <a href="http://www.cteco.uconn.edu/">http://www.cteco.uconn.edu/</a>
12 C. Airport Clear Zone Notification [58.6(d)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project does not involve the purchase or sale of a property as such 24 CFR 58.6(d) is not applicable.
13 A. Solid Waste Disposal [42 U.S.C. S3251 et seq.] and [42 U.S.C. 6901-6987 eq seq.]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rehabilitation activities to the residential structure at the project site, 36 Westland Avenue, Milford, CT, are not expected to affect the capacities of solid waste disposal services.

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
13 B. Fish and Wildlife [U.S.C. 661-666c]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project activities will not result in impounding, diverting, deepening, channelizing or modification of any stream or body of water. Project is not a water control project.
13 C. Lead-Based Paint [24 CFR Part 35] and [40 CFR 745.80 Subpart E]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Residential Structure at 36 Westland Avenue, Milford, CT was built prior to 1978. The results of a Lead Paint Survey are included in attachment 9, 'Hazardous Materials Inspection Report, 36 Westland Avenue, Milford, CT', dated 13 October 2014, prepared by Facility Support Services, LLC. Lead based paint hazards were not identified in the survey.
13 D. Asbestos	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No Asbestos Containing Materials (ACM's) were identified in sampled materials to be disturbed by project work. Results of sampled materials testing are included in attachment 9, 'Hazardous Materials Inspection Report, 36 Westland Avenue, Milford, CT', dated 13 October 2014, prepared by Facility Support Services, LLC.
13 E. Radon [50.3 (i) 1]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Due to the proposed elevating of the residence, above the ground level, no radon testing was conducted.
13 F. Mold	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No specific regulation regarding the levels requiring mold mitigation or abatement are enacted by law in the State of Connecticut. Accelerated mold growth is not indicated by testing results at the project site. The procedures and results of the microbial testing for mold spores conducted at the project site are included in attachment 9, 'Hazardous Materials Inspection Report, 36 Westland Avenue, Milford, CT', dated 13 October 2014, prepared by Facility Support Services, LLC.
Other: State or Local 14 A. Flood Management Certification [CGS 25-68]	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09009C0533J, revised July 8, 2013 identifies the property at 36 Westland Avenue, Milford, CT, is located inside Zone AE with a base flood elevation of 11 feet defined for the 1% Annual Chance Flood. See attachment 2 for documentation. See attachment 10 for Professional Certification on Flood Management Certification for the General Permit for the CDBG-DR OORR/SSRR Program.
14 B. Structures, Dredging & Fill Act [CGS 22a-359 to 22a-363f]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rehabilitation work at project site does not propose any adverse impacts to coastal resources nor propose any activity waterward of the coastal jurisdiction line.
14 C. Tidal Wetlands Act [CGS 22a-28 to 22a-35]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Connecticut Department of Energy and Environmental Protection Tidal Wetlands Mapping as defined in C.G.S. Section 22a-29 and Section 22a-93(7)(e) identifies the project as outside a Tidal Wetland Zone. See attachment 11 for documentation. Mapping is Geographic Information System (G.I.S.) map created using data accessed from CT Environmental Conditions Online (CT ECO) of Tidal Wetlands Mapping accessed from <a href="http://www.cteco.uconn.edu/">http://www.cteco.uconn.edu/</a>

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
14 D. Local inland wetlands/watercourses [CGS 22a-42]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project rehabilitation work is not expected to impact wetlands/watercourses.
14 E. Various municipal zoning approvals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Rehabilitation activities at the project site will need review by City of Milford Building Department for issuance of required building permit. Coastal site plan review not required. Project site does not abut coastal waters and project activities do not propose any activity that will substantially alter the natural character of coastal resources as defined in C.G.S. 22a-93(7). See attachment for 12 for 100 foot buffer mapping.

**DETERMINATION:**

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

Prepared by:



Richard Couch, P.E., Member  
Martinez Couch & Associates, LLC.

Date

11/17/2015

Responsible Entity or designee Signature:

Hermia Delaire, CDBG-DR Program Manager

Date



1084 Cromwell Avenue Suite, A-2  
Rocky Hill, CT 06067  
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Attachment 1 – Checklist Item # 1 Documentation – CT SHPO Determination Statement



Department of Economic and  
Community Development

Connecticut  
still revolutionary

SM  
1962

May 5, 2015

received  
5-11-15

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

Subject: 36 Westland Avenue  
Milford, CT

Dear Ms. Delaire:

The State Historic Preservation Office has reviewed the information submitted for the above-named property pursuant to the provisions of Section 106 of the National Historic Preservation Act of 1966.

The property located at 36 Westland Avenue appears to be eligible for listing on the National Register of Historic Places as a contributing resource to a potential historic district.

After review of the proposed undertaking for 30 Westland Avenue, this office finds that the proposed project, particularly the elevation, will result in an adverse effect to historic resources.

The State Historic Preservation Office appreciates the opportunity to review and comment upon this project. These comments are provided in accordance with the Connecticut Environmental Policy Act and Section 106 of the National Historic Preservation Act. For further information please contact Todd Levine, Environmental Reviewer, at (860) 256-2759 or [todd.levine@ct.gov](mailto:todd.levine@ct.gov).

Sincerely,

Laura Mancuso  
Deputy State Historic Preservation Officer

State Historic Preservation Office

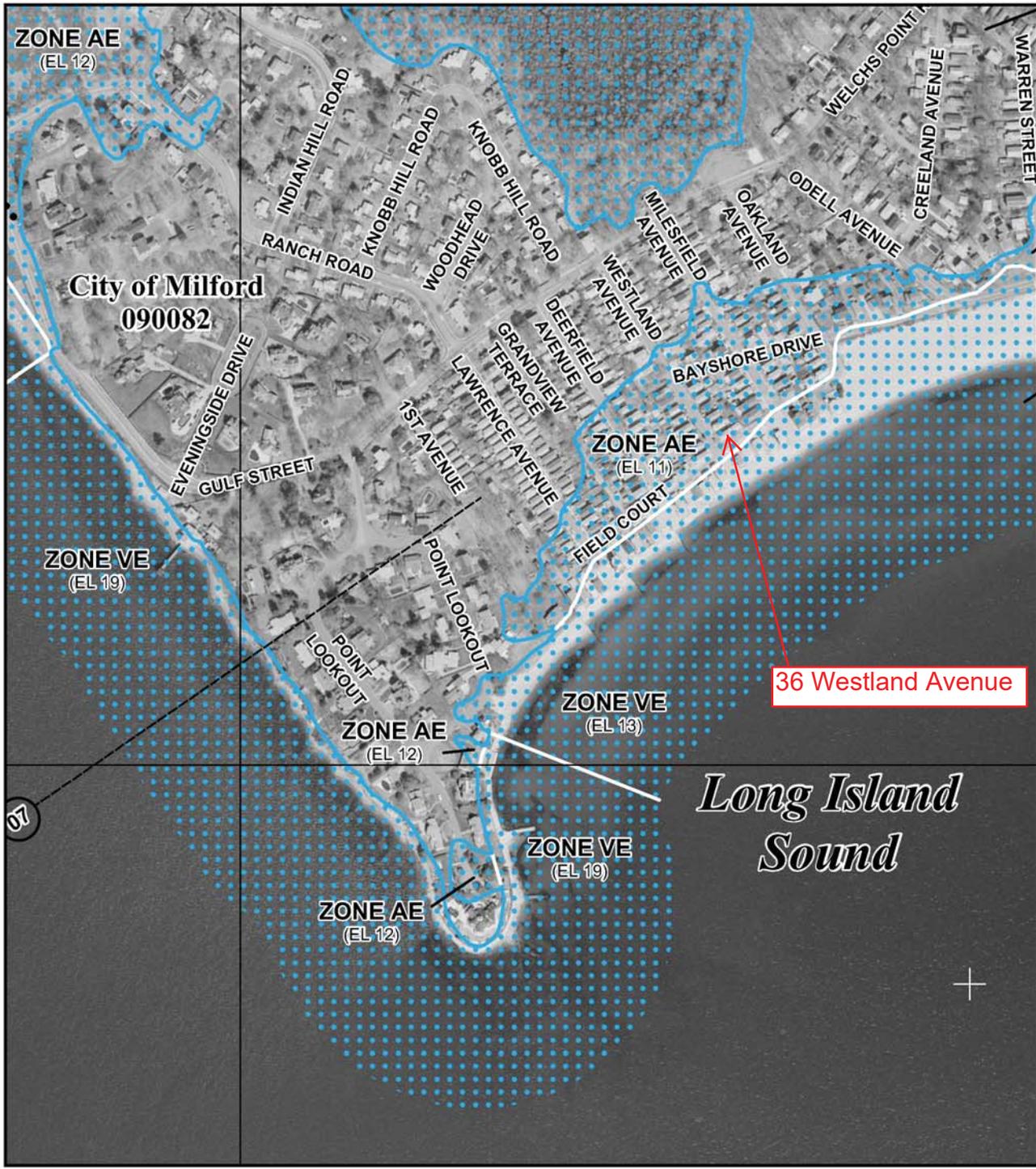
One Constitution Plaza | Hartford, CT 06103 | P: 860.256.2800 | [Cultureandtourism.org](http://Cultureandtourism.org)

*An Affirmative Action/Equal Opportunity Employer An Equal Opportunity Lender*

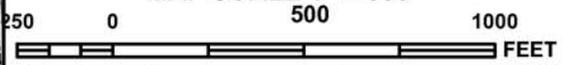


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Attachment 2 – Checklist Item #2, #12A and #14A Documentation – FEMA FIRM Flood Mapping



MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0533J

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

**PANEL 533 OF 635**  
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MILFORD, CITY OF	090082	0533	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**  
**09009C0533J**  
**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](http://www.msc.fema.gov)



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Attachment 3 – Checklist Item 3 Documentation – Wetlands Protection

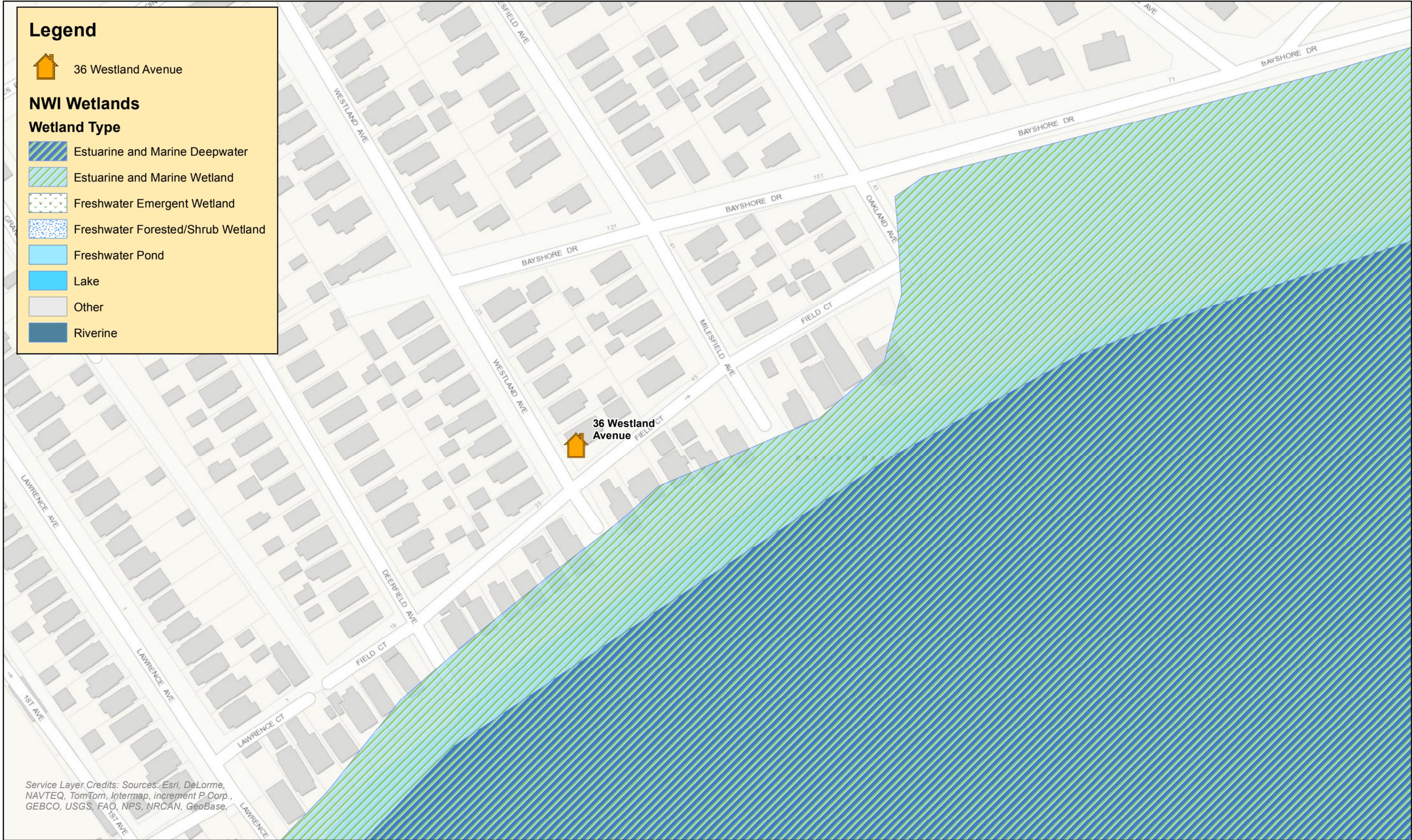
# Legend

 36 Westland Avenue

## NWI Wetlands

### Wetland Type

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



Service Layer Credits: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase,



1 in = 100 feet

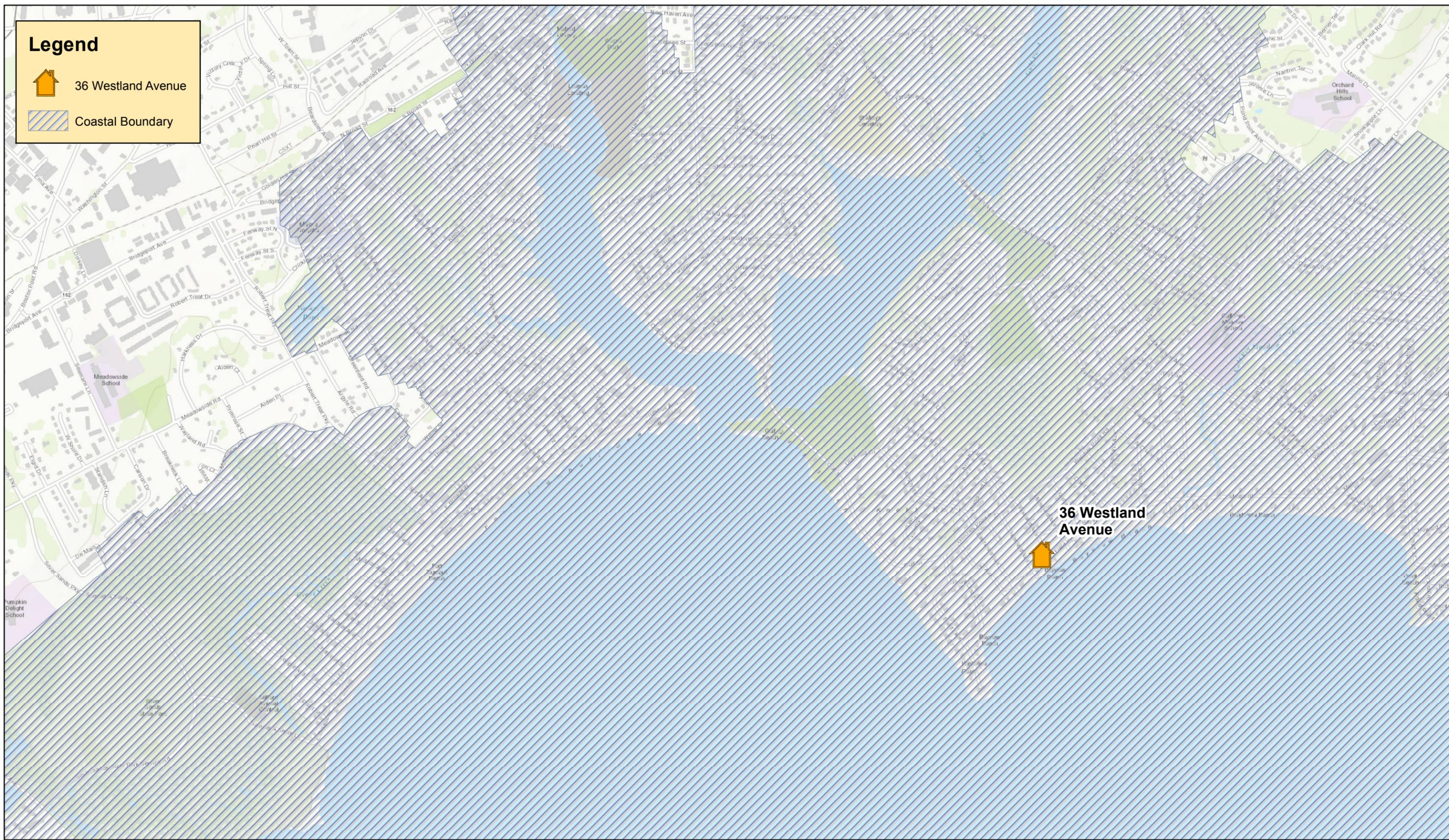


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Attachment 4 – Checklist Item 4 Documentation – Coastal Management Zone

# Legend

-  36 Westland Avenue
-  Coastal Boundary





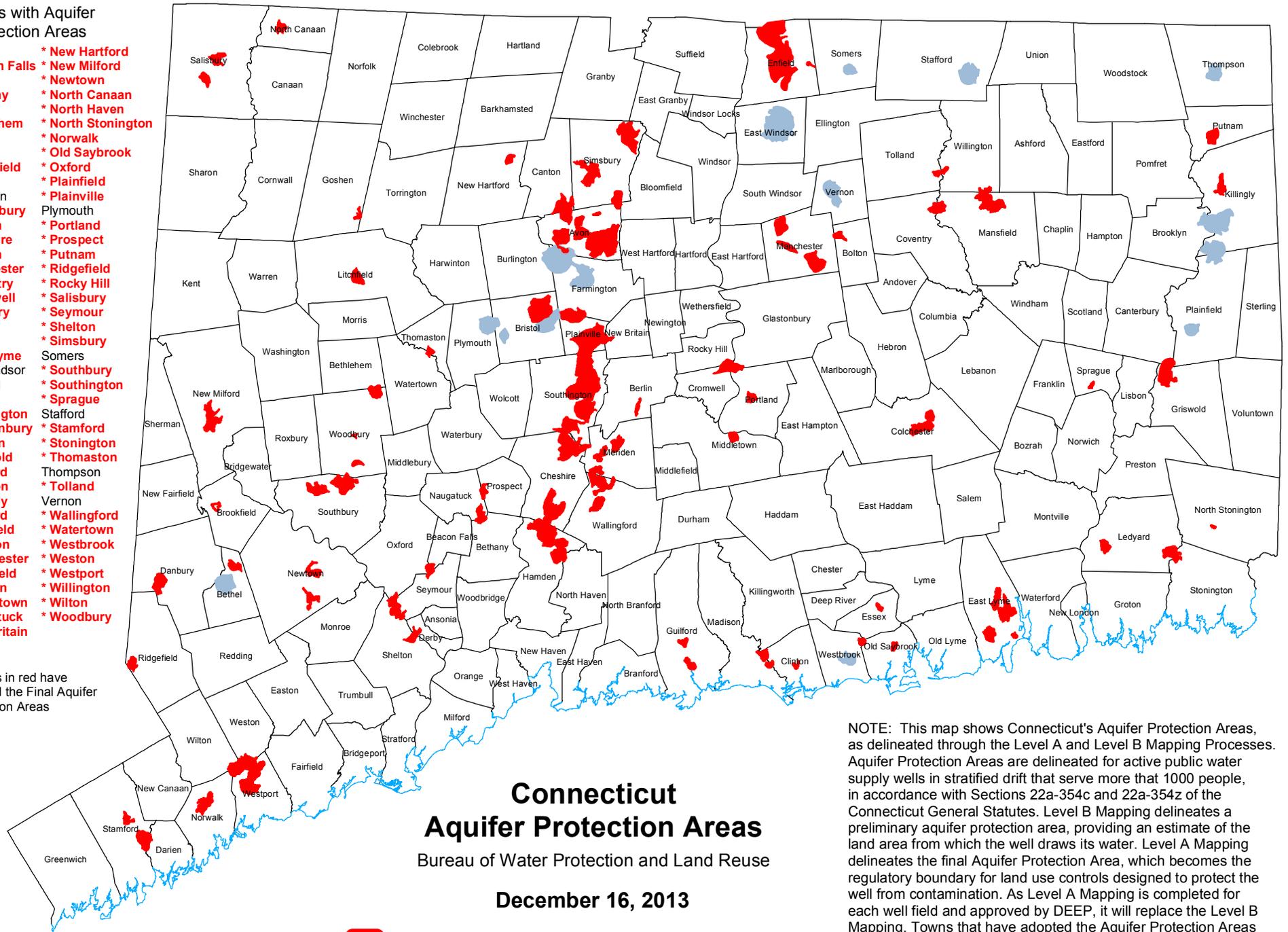
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Attachment 5 – Checklist Item 5 Documentation – Water Quality – Aquifers

**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 Stoughton
- \* Norwalk
- \* Old Saybrook
- \* Oxford
- \* Plainfield
- \* Plainville
- Plymouth
- \* Portland
- \* Prospect
- \* Putnam
- \* Ridgefield
- \* Rocky Hill
- \* Salisbury
- \* Seymour
- \* Shelton
- \* Simsbury
- Somers
- \* Southbury
- \* Southington
- \* Sprague
- Stafford
- \* Stamford
- \* Stoughton
- \* Thomaston
- Thompson
- \* Tolland
- Vernon
- \* Wallingford
- \* Watertown
- \* Westbrook
- \* Weston
- \* Westport
- \* Willington
- \* Wilton
- \* Woodbury

\* Towns in red have adopted the Final Aquifer Protection Areas



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 than 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](http://www.ct.gov/deep/aquiferprotection)



Connecticut Department of Energy & Environmental Protection  
79 Elm Street  
Hartford, CT 06106

- Level A Aquifer Protection Area (Final Adopted)
- Level A Aquifer Protection Area (Final)
- Level B Aquifer Protection Area (Preliminary)



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Attachment 6A – Checklist Item 6 Documentation – Natural Diversity Data Base and Endangered Species

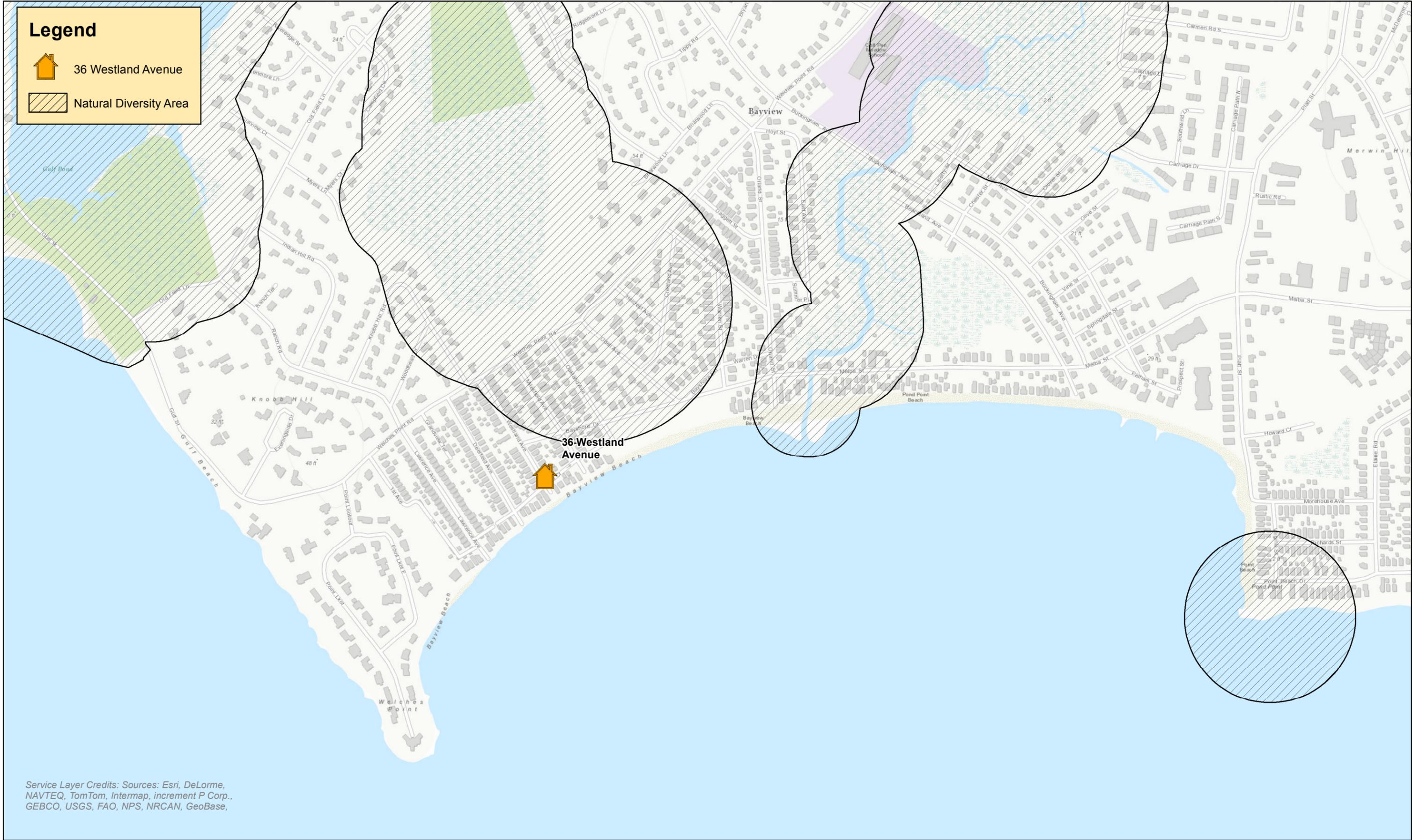
# Legend



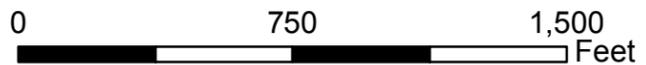
36 Westland Avenue



Natural Diversity Area



Service Layer Credits: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase,



1 in = 500 feet



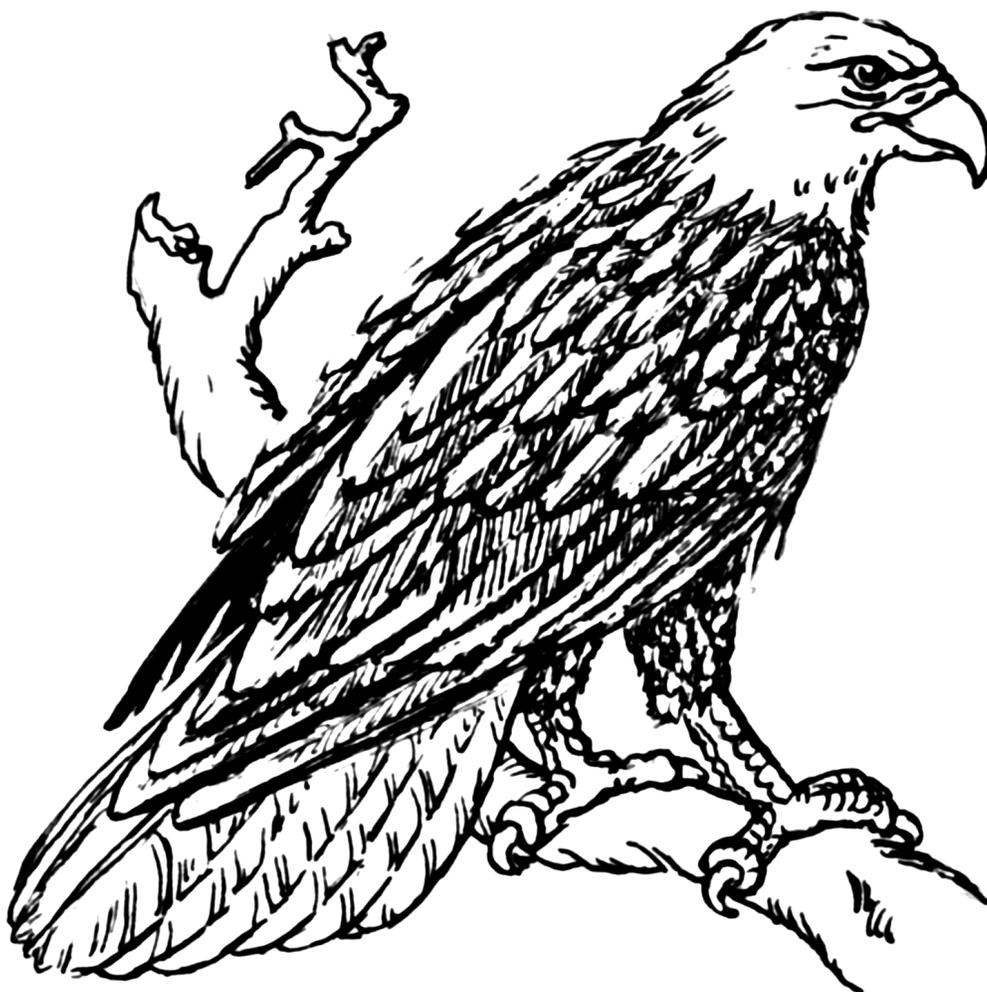
1084 Cromwell Avenue Suite, A-2  
Rocky Hill, CT 06067  
Tel: 860-436-4364  
Fax: 860-436-4626  
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Attachment 6B – Checklist Item 6 Documentation – USFWS IPaC List

# 1962

## *IPaC Trust Resource Report*

Generated June 26, 2015 09:01 AM MDT



US Fish &amp; Wildlife Service

# IPaC Trust Resource Report



## Project Description

NAME

1962

PROJECT CODE

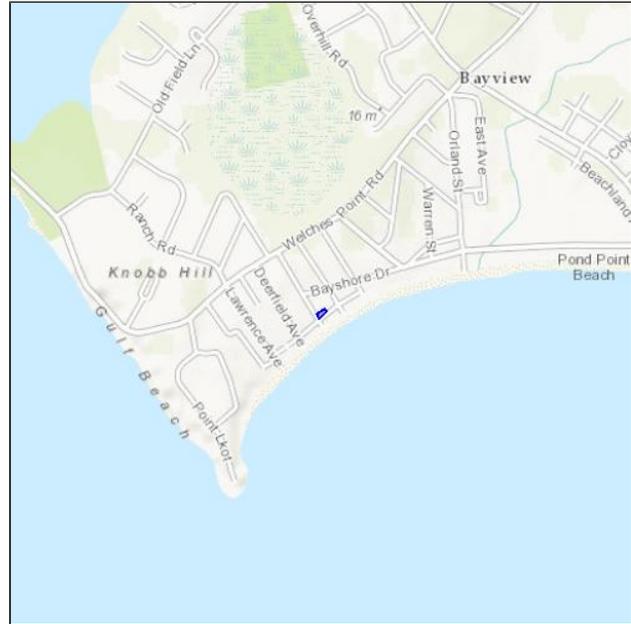
MNL6K-75QCV-EDFAV-D3RZI-HWNTXM

LOCATION

New Haven County, Connecticut

DESCRIPTION

No description provided



## U.S. Fish & Wildlife Contact Information

Species in this report are managed by:

### **New England Ecological Services Field Office**

70 Commercial Street, Suite 300

Concord, NH 3301-5094

(603) 223-2541

## Endangered Species

Proposed, candidate, threatened, and endangered species that are managed by the [Endangered Species Program](#) and should be considered as part of an effect analysis for this project.

This unofficial species list is for informational purposes only and does not fulfill the requirements under [Section 7](#) of the Endangered Species Act, which states that Federal agencies are required to "request of the Secretary of Interior information whether any species which is listed or proposed to be listed may be present in the area of a proposed action." This requirement applies to projects which are conducted, permitted or licensed by any Federal agency.

A letter from the local office and a species list which fulfills this requirement can be obtained by returning to this project on the IPaC website and requesting an Official Species List from the regulatory documents section.

## Birds

### **Red Knot** *Calidris canutus rufa*

**Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B0DM>

### **Roseate Tern** *Sterna dougallii dougallii*

**Endangered**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=B07O>

## Mammals

### **Northern Long-eared Bat** *Myotis septentrionalis*

**Threatened**

CRITICAL HABITAT

**No critical habitat** has been designated for this species.

<https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?sPCODE=A0JE>

## Critical Habitats

Potential effects to critical habitat(s) within the project area must be analyzed along with the endangered species themselves.

There is no critical habitat within this project area

# Migratory Birds

Birds are protected by the [Migratory Bird Treaty Act](#) and the Bald and Golden Eagle Protection Act.

Any activity which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

You are responsible for complying with the appropriate regulations for the protection of birds as part of this project. This involves analyzing potential impacts and implementing appropriate conservation measures for all project activities.

<b>American Oystercatcher</b> <i>Haematopus palliatus</i>	<b>Bird of conservation concern</b>
Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0G8">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0G8</a>	
<b>American Bittern</b> <i>Botaurus lentiginosus</i>	<b>Bird of conservation concern</b>
Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0F3">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0F3</a>	
<b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i>	<b>Bird of conservation concern</b>
Year-round <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B008</a>	
<b>Black Rail</b> <i>Laterallus jamaicensis</i>	<b>Bird of conservation concern</b>
Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B09A">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B09A</a>	
<b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i>	<b>Bird of conservation concern</b>
Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HI">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HI</a>	
<b>Blue-winged Warbler</b> <i>Vermivora pinus</i>	<b>Bird of conservation concern</b>
Season: Breeding	
<b>Canada Warbler</b> <i>Wilsonia canadensis</i>	<b>Bird of conservation concern</b>
Season: Breeding	
<b>Fox Sparrow</b> <i>Passerella iliaca</i>	<b>Bird of conservation concern</b>
Season: Wintering	
<b>Gull-billed Tern</b> <i>Gelochelidon nilotica</i>	<b>Bird of conservation concern</b>
Season: Breeding	
<b>Hudsonian Godwit</b> <i>Limosa haemastica</i>	<b>Bird of conservation concern</b>
Season: Migrating	
<b>Least Bittern</b> <i>Ixobrychus exilis</i>	<b>Bird of conservation concern</b>
Season: Breeding	
<b>Least Tern</b> <i>Sterna antillarum</i>	<b>Bird of conservation concern</b>
Season: Breeding	
<b>Pied-billed Grebe</b> <i>Podilymbus podiceps</i>	<b>Bird of conservation concern</b>
Year-round	
<b>Prairie Warbler</b> <i>Dendroica discolor</i>	<b>Bird of conservation concern</b>
Season: Breeding	

<b>Purple Sandpiper</b> <i>Calidris maritima</i> Season: Wintering	<b>Bird of conservation concern</b>
<b>Rusty Blackbird</b> <i>Euphagus carolinus</i> Season: Wintering	<b>Bird of conservation concern</b>
<b>Saltmarsh Sparrow</b> <i>Ammodramus caudacutus</i> Season: Breeding	<b>Bird of conservation concern</b>
<b>Seaside Sparrow</b> <i>Ammodramus maritimus</i> Year-round	<b>Bird of conservation concern</b>
<b>Short-eared Owl</b> <i>Asio flammeus</i> Season: Wintering <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HD">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HD</a>	<b>Bird of conservation concern</b>
<b>Snowy Egret</b> <i>Egretta thula</i> Season: Breeding	<b>Bird of conservation concern</b>
<b>Upland Sandpiper</b> <i>Bartramia longicauda</i> Season: Breeding <a href="https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HC">https://ecos.fws.gov/speciesProfile/profile/speciesProfile.action?spcode=B0HC</a>	<b>Bird of conservation concern</b>
<b>Wood Thrush</b> <i>Hylocichla mustelina</i> Season: Breeding	<b>Bird of conservation concern</b>
<b>Worm Eating Warbler</b> <i>Helmitheros vermivorum</i> Season: Breeding	<b>Bird of conservation concern</b>

## Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. If your project overlaps or otherwise impacts a Refuge, please contact that Refuge to discuss the authorization process.

There are no refuges within this project area

# Wetlands

Impacts to [NWI wetlands](#) and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes.

Project proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate [U.S. Army Corps of Engineers District](#).

## DATA LIMITATIONS

The Service's objective of mapping wetlands and deepwater habitats is to produce reconnaissance level information on the location, type and size of these resources. The maps are prepared from the analysis of high altitude imagery. Wetlands are identified based on vegetation, visible hydrology and geography. A margin of error is inherent in the use of imagery; thus, detailed on-the-ground inspection of any particular site may result in revision of the wetland boundaries or classification established through image analysis.

The accuracy of image interpretation depends on the quality of the imagery, the experience of the image analysts, the amount and quality of the collateral data and the amount of ground truth verification work conducted. Metadata should be consulted to determine the date of the source imagery used and any mapping problems.

Wetlands or other mapped features may have changed since the date of the imagery or field work. There may be occasional differences in polygon boundaries or classifications between the information depicted on the map and the actual conditions on site.

## DATA EXCLUSIONS

Certain wetland habitats are excluded from the National mapping program because of the limitations of aerial imagery as the primary data source used to detect wetlands. These habitats include seagrasses or submerged aquatic vegetation that are found in the intertidal and subtidal zones of estuaries and nearshore coastal waters. Some deepwater reef communities (coral or tubercid worm reefs) have also been excluded from the inventory. These habitats, because of their depth, go undetected by aerial imagery.

## DATA PRECAUTIONS

Federal, state, and local regulatory agencies with jurisdiction over wetlands may define and describe wetlands in a different manner than that used in this inventory. There is no attempt, in either the design or products of this inventory, to define the limits of proprietary jurisdiction of any Federal, state, or local government or to establish the geographical scope of the regulatory programs of government agencies. Persons intending to engage in activities involving modifications within or adjacent to wetland areas should seek the advice of appropriate federal, state, or local agencies concerning specified agency regulatory programs and proprietary jurisdictions that may affect such activities.

Wetland data is unavailable at this time.



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[www.martinezcouch.com](http://www.martinezcouch.com)

Attachment 7 – Checklist Item 11 Documentation – Environmental Justice

**2014 Distressed Municipalities List**  
**Prepared by DECD Research**  
**8/19/2014**

**2014 Distressed Municipalities**

Ranked by Score

	Total Scores	Ranking
Hartford	1,448	1
Waterbury	1,439	2
New Britain	1,431	3
Bridgeport	1,374	4
New London	1,365	5
Ansonia	1,330	6
Derby	1,327	7
Naugatuck	1,315	8
Windham	1,285	9
Meriden	1,272	10
Torrington	1,255	11
North Canaan	1,251	12
Bristol	1,250	13
Plainfield	1,243	14
Putnam	1,243	15
Killingly	1,229	16
New Haven	1,228	17
Sprague	1,218	18
East Hartford	1,215	19
West Haven	1,196	20
Preston	1,185	21
Enfield	1,180	22
Winchester	1,166	23
Montville	1,164	24
Plymouth	1,159	25

**2014 Distressed Municipalities**

In town alphabetical order

	Total Scores
Ansonia	1,330
Bridgeport	1,374
Bristol	1,250
Derby	1,327
East Hartford	1,215
Enfield	1,180
Hartford	1,448
Killingly	1,229
Meriden	1,272
Montville	1,164
Naugatuck	1,315
New Britain	1,431
New Haven	1,228
New London	1,365
North Canaan	1,251
Plainfield	1,243
Plymouth	1,159
Preston	1,185
Putnam	1,243
Sprague	1,218
Torrington	1,255
Waterbury	1,439
West Haven	1,196
Winchester	1,166
Windham	1,285



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Attachment 8 – Checklist Item 12B Documentation – Coastal Barrier Resource System

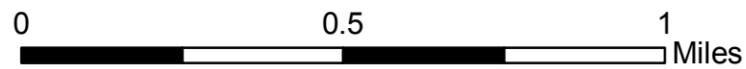
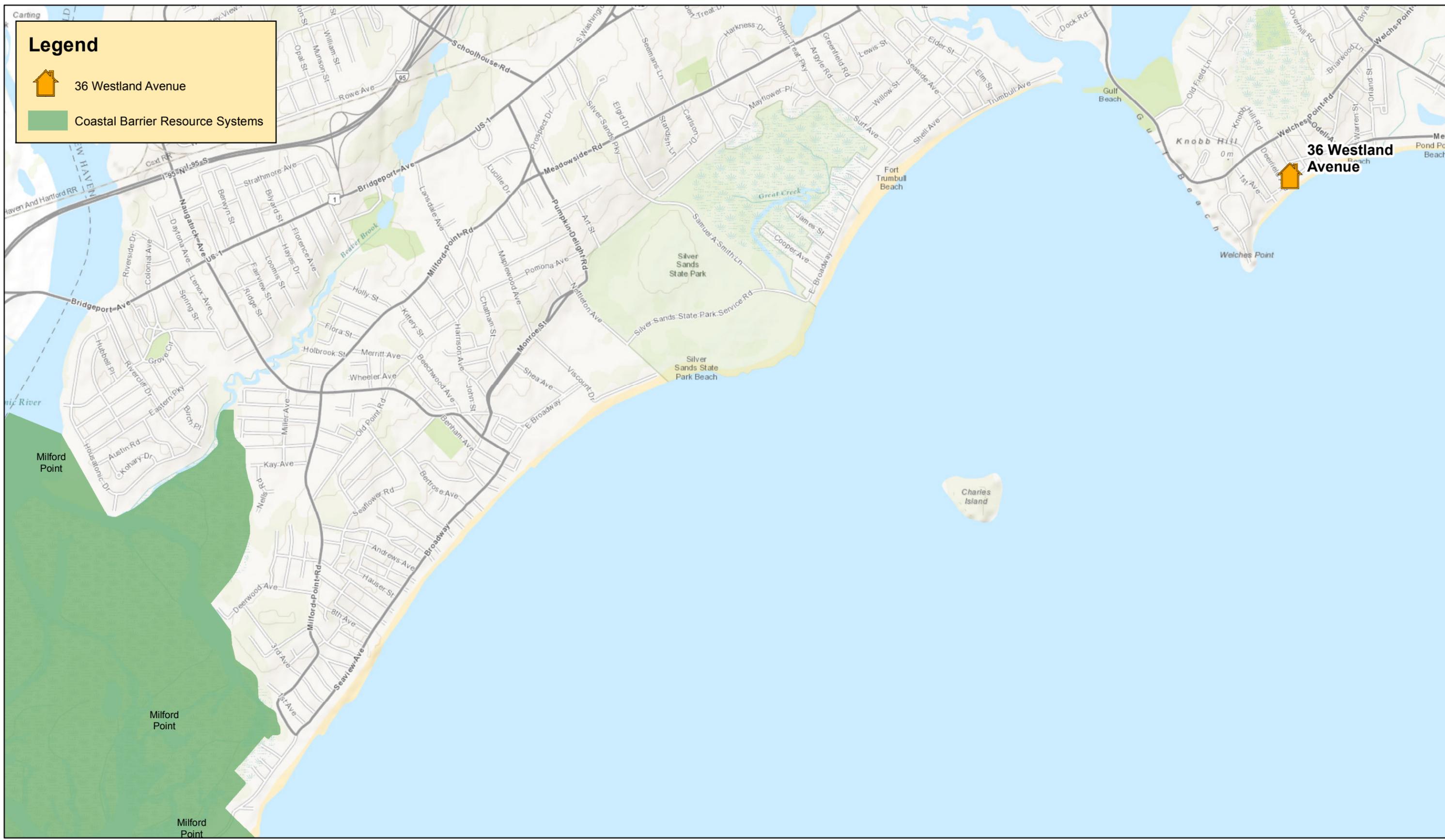
# Legend



36 Westland Avenue



Coastal Barrier Resource Systems





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Attachment 9 – Checklist Item 13C, 13D, 13E, 13F Documentation – Hazardous Material Inspection  
Report



# **Facility Support Services, LLC**

**Environmental & Safety Consulting Engineers**

**Connecticut Department of Housing  
Community Development Block Grant – Disaster Recovery  
Owner Occupied Recovery and Rehabilitation Program**

**Hazardous Materials  
Inspection Report**

**36 Westland Avenue  
Milford, Connecticut**

PREPARED FOR:

Martinez Couch & Associates, LLC  
1084 Cromwell Ave. Suite A-2  
Rocky Hill, CT 06067

PREPARED BY:

Facility Support Services, LLC  
2685 State Street  
Hamden, CT 06517  
Phone (203) 288-1281

October 13, 2014

## **SIGNATURES OF REPORT AUTHORS**

The employees of Facility Support Services, LLC whose names appear below prepared this report. Requests for information on the content of this document should be directed to these individuals.

A handwritten signature in blue ink that reads "Kevin Bogue".

---

Kevin S. Bogue, LEP, CHMM  
Project Manager  
CTDPH Asbestos Inspector #000157

## TABLE OF CONTENTS

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III. Asbestos .....	3
IV. PCBs .....	4
V. Lead.....	4
VI. Conclusions & Recommendations .....	6

## TABLES

Table 1	Summary of Laboratory Analysis of Spore Types
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## ATTACHMENTS

Attachment A	Mold Analytical Data
Attachment B	FSS Licensure
Attachment C	Asbestos Laboratory Analytical Data
Attachment D	PCB Analytical Data
Attachment E	Lead Report

## **I. Introduction**

Facility Support Services, LLC (FSS) was contracted by Martinez, Couch & Associates, LLC (MCA) to perform a limited scope hazardous materials survey of 36 Westland Avenue in Milford, Connecticut (the “Site”). The purpose of this inspection was to identify the presence of asbestos, PCBs, and lead paint and mold in certain building materials proposed for removal/demolition that qualify for the repair/replacement of items damaged by the October 2012 Tropical Storm Sandy under the Connecticut Department of Housing (DOH), Community Development Block Grant – Disaster Recovery Owner Occupied Recovery and Rehabilitation Program. In addition, FSS performed radon testing as required for DOH funded projects.

FSS utilized best industry practices to identify all suspect materials associated with the structures. Any material that has not been identified during this inspection or discovered during renovation/demolition activities must be presumed to be hazardous until such time that samples of the material can be collected and analyzed.

## **II. Mold**

FSS conducted sampling for mold on September 29, 2014. Testing for total spores in air was conducted for the following areas of 36 Westland Avenue in Milford, Connecticut to identify concerns with indoor air quality related to mold and fungi:

- Basement
- Outside of House

The outside ambient air sample provided a background reference sample (collected from a location in the front yard). Mr. Kevin Bogue of FSS conducted the spore sampling utilizing an air sampling pump and sample media. Air was collected at a rate of 15.0 liters of air per minute. The samples were collected on Air-O-Cell type sampling cartridges located in line with the sampling pump, which ran for 10 minutes at each sampling location.

The spore samples were analyzed by EMSL Analytical of Wallingford, Connecticut for the identification and enumeration of spores (EMSL Method M001). EMSL is a State of Connecticut, Department of Public Health certified laboratory (Accreditation Number 165118). Analytical reports for mold are included in Appendix A.

The analysis for total spore counts is a direct microscopic examination and does not include culturing or growing fungi. Therefore, the results include both viable and non-viable spores. Spore trap results are reported in spores per cubic meter of air.

**Table 1**  
**Summary of Laboratory Analysis of Spore Types**  
**36 Westland Avenue, Milford, Connecticut**

Sample Number & Location	Raw Count	Total Fungi (Count/m <sup>3</sup> )	Spore Types Present
20140929_1962_MS1 Basement	954	20,070	Alternaria, Ascospores, Basidiospores, Bipolaris, Cladosporium, Epicoccum, Fusarium, Ganoderma, Myxomycetes, Pithomyces, Rust, Ulocladium, Polythrincium
20140929_1962_MS2 Outside	336	7,080	Alternaria, Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Curvularia, Fusarium, Ganoderma, Myxomycetes, Pithomyces, Rust

The suite of mold spores in the outside sample versus the interior samples are similar. The primary mold species were Ascospores for the basement samples; Cladosporium for the outside sample.

Ascospores are found everywhere in nature. Ascospores belong to members of the Phylum Ascomycota, which encompasses a plethora of genera. Due to variations of this spore type, its activity is dependent on the specific genus and species type of ascospore.

Cladosporium – Cladosporiums natural habitat is dead plant matter, soil and woody plants. In indoor environments, this spore type is found on fiberglass duct liners, paints, and textiles, especially in water damaged buildings. This spore type is associated with hay fever and asthma.

In Connecticut, there are currently no regulatory standards directly governing mold/fungal spore concentrations. Although no standards for mold exist, some information regarding levels have been published, including the following:

Baxter, et al considers mold contamination present in a building when the total mold spore concentration per cubic meter is above 10,000. However in special cases, even low quantitative levels of certain particles or particle types (such as *Penicillium/Aspergillus* spore chains in an un-treated building) may be diagnostic and may indicate a hidden mold reservoir that merits further investigation.

FSS's investigation found total spore concentrations inside the 36 Westland Avenue residence of 7,080/m<sup>3</sup>, which is below the 10,000/m<sup>3</sup> level noted above.

The American Conference of Government Industrial Hygienists (ACGIH) stated that indoor mold levels are generally less than 1/3 the outdoor level and that when indoor mold is at more than this level remedial action should be taken to find the source of the elevated counts and to clean it up. However, this is a general rule and may be inaccurate and unreliable method for screening buildings for mold. FSS's investigation found a total spore concentration in the interior samples at approximately 1/3 the level of the outside sample.

### **III. Asbestos**

FSS conducted a limited scope asbestos inspection and bulk sampling on September 29, 2014 of suspect building materials that are proposed for renovations. The inspection was conducted by Kevin Bogue, a State of Connecticut licensed Asbestos Inspector. Mr. Bogue's Connecticut Asbestos Inspectors/Management Planner license is provided in Appendix B.

The following suspect materials were indentified during the inspection:

- Window Caulk (basement)
- Hatchway Caulk (exterior)
- Spray-on Insulation (basement)

- Chimney Cement Patch

This asbestos inspection was performed in accordance with the EPA, NESHAP regulations for building renovations and demolition, 40 CFR Part 61, Amended 11/20/1990. The bulk asbestos samples collected during this inspection were delivered under full chain of custody and analyzed by EMSL Analytical, Inc., via EPA/600/R-93/116. This is currently the approved EPA test method, which uses Polarized Light Microscopy (PLM). EMSL Analytical, Inc. is an accredited asbestos laboratory (NVLAP # 200700-0) and is a State of Connecticut approved public health laboratory for asbestos analysis. Copies of the laboratory analytical results can be found in Attachment C of this report.

**Laboratory results have revealed that the asbestos content of the tested materials are below the 1% required to confirm a material as asbestos containing.**

#### **IV. PCBs**

Following an inspection of building materials proposed for renovations, two suspected PCB-containing materials were identified.

- Window Caulk (basement)
- Hatchway Caulk (exterior)

FSS collected a sample of these materials for laboratory analysis for PCBs by EPA Method 8082A with Soxhlet Extraction. Complete Environmental Testing of Stratford, Connecticut was utilized to conduct the analysis.

Laboratory data indicates that the PCB content of the sampled materials was below detectable levels (<0.80 ppm) and below the 1 ppm action level for PCBs. No further investigations or special disposal requirements (for PCBs) are required for these materials. Laboratory analytical data for PCBs are provided in Appendix D.

#### **V. Lead**

The subject residential structure was built prior to 1978 (in 1930) and therefore the likelihood that lead painted surfaces are present is increased. As a residential

structure built prior to 1978 the removal of lead painted materials where a child under 6 is housed, or may visit, would trigger the EPA Renovation, Repair and Painting (RRP) rule. Furthermore, adherence to the requirements of The Lead-Safe Housing Rule (US Department of Housing and Urban development, HUD) are stipulated by the Connecticut Department of Housing (DOH) as part of the Community Development Block Grant – Disaster Recovery Owner Occupied Recovery and Rehabilitation Program.

A building wide XRF inspection was conducted by Maureen Monaco of Gilberto Lead Inspections, LLC (Gilbertco) utilizing a Scitec Map4 Portable X-Ray Fluoroscope Spectrum Analyzer with a Cobalt 57 source. Appendix E contains the Lead Inspection Report. The findings of the investigation determined several areas tested positive for lead based paint ( $>1.0 \text{ mg/cm}^2$ ):

- Kitchen
  - Window Sill
  - Window Trim
  - Window Stop
- Bathroom (#1)
  - Window Trim
  - Window Sill
  - Window Stop
  - Window Apron
- Master Bedroom
  - Window Apron
  - Closet Door Casing
  - Door Casing
- Bathroom (#2)
  - Window Sill
  - Window Trim
  - Window Stop
  - Window Apron
- Middle Bedroom
  - Window Trim
  - Window Apron
- Rear Bedroom
  - Window Trim
  - Window Stop
  - Window Apron

### Non-Intact Materials

A copy of the Gilbertco Lead Inspection Report is provided in Appendix E. Following the HUD Lead-Safe Housing Guidelines, non-intact materials should undergo interim measures to abate the hazard. All materials identified as containing lead were in intact condition.

### Demolition Materials

When toxic wastes are land disposed, contaminated liquid may leach from the waste and pollute ground water. Toxicity is defined through a laboratory procedure called the Toxicity Characteristic Leaching Procedure (TCLP) (Method 1311). The TCLP helps identify wastes likely to leach concentrations of contaminants that may be harmful to human health or the environment. There are no areas that tested positive for lead (regardless of intactness) that are proposed for demolition.

## **VI. Conclusions & Recommendations**

When the structure is renovated, all removed debris should be sent to an appropriate landfill for final disposal following all appropriate regulations. Any work involving lead-containing paints should be conducted under the EPA's RRP Renovation, Repair and Painting Rule. Any material discovered during renovation activities which have not been included in this survey must be presumed to contain asbestos, lead and PCBs until such time that the material can be evaluated and sampled.

**Mold** – Mold spore count analysis indicates no accelerated mold growth in the residence. No further work to address mold is proposed for this residence.

**Asbestos** – No asbestos containing materials (>1% asbestos) were identified in materials proposed for renovation or demolition.

**PCBs** - Two suspected PCB-containing materials were identified in proposed renovation materials and sampled. Laboratory data indicates that the PCB content of the sampled materials was below detectable levels and below the 1 ppm action level for PCBs. No

further investigations or special disposal requirements (for PCBs) are required for these materials.

**Lead** - Following the HUD Lead-Safe Housing Guidelines, the non-intact areas should undergo interim measures to abate the hazard. No non-intact areas were identified during the site inspection, no further action related to lead paint is required.

There are no areas that tested positive for lead (regardless of intactness) that are proposed for demolition. No further consideration for lead containing demolition debris is required for this project.

## **ATTACHMENTS**

**ATTACHMENT A**  
**MOLD ANALYTICAL DATA**



# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06492  
Phone/Fax: 203-284-5948 / (203) 284-5978  
<http://www.EMSL.com> / [wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

Order ID: 241403859  
Customer ID: FSS93  
Customer PO:  
Project ID:

**Attn:** Kevin Bogue  
Facility Support Services, LLC  
2685 State Street  
Hamden, CT 06517

Phone: (203) 288-1281  
Fax: (203) 248-4409  
Collected: 09/29/2014  
Received: 09/29/2014  
Analyzed: 10/06/2014

**Proj:** 22214-1962 (WESTLAND)

### Test Report: Air-O-Cell™ Analysis of Fungal Spores & Particulates by Optical Microscopy (Methods EMSL 05-TP-003, ASTM D7391)

Lab Sample Number:	241403859-0001			241403859-0002		
Client Sample ID:	20140929_1962_MS1			20140929_1962_MS2		
Volume (L):	150			150		
Sample Location:	Outside			Basement		
Spore Types	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total
Alternaria	18	380	1.9	20	420	5.9
Ascospores	240	5060	25.2	90	1900	26.8
Aspergillus/Penicillium	-	-	-	16	340	4.8
Basidiospores	197	4160	20.7	68	1400	19.8
Bipolaris++	6	100	0.5	-	-	-
Chaetomium	-	-	-	-	-	-
Cladosporium	371	7830	39	79	1700	24
Curvularia	-	-	-	2	40	0.6
Epicoccum	3	60	0.3	-	-	-
Fusarium	18	380	1.9	4	80	1.1
Ganoderma	35	740	3.7	25	530	7.5
Myxomycetes++	34	720	3.6	23	490	6.9
Pithomyces	17	360	1.8	5	100	1.4
Rust	6	100	0.5	4	80	1.1
Scopulariopsis	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-
Torula	-	-	-	-	-	-
Ulocladium	4	80	0.4	-	-	-
Unidentifiable Spores	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-
Polythrincium	5	100	0.5	-	-	-
<b>Total Fungi</b>	<b>954</b>	<b>20070</b>	<b>100</b>	<b>336</b>	<b>7080</b>	<b>100</b>
Hyphal Fragment	36	760	3.8	34	720	10.2
Insect Fragment	-	-	-	-	-	-
Pollen	3	60	0.3	-	-	-
Analyt. Sensitivity 600x	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	1	-	-	1	-
Fibrous Particulate (1-4)	-	-	-	-	1	-
Background (1-5)	-	2	-	-	2	-

Bipolaris++ = Bipolaris/Drechslera/Exserohilum  
Myxomycetes++ = Myxomycetes/Periconia/Smut

Gloria V. Oriol, Laboratory Manager  
or Other Approved Signatory

No discernable field blank was submitted with this group of samples.

High levels of background particulate can obscure spores and other particulates leading to underestimation. Background levels of 5 indicate an overloading of background particulates, prohibiting accurate detection and quantification. Present = Spores detected on overloaded samples. Results are not blank corrected unless otherwise noted. The detection limit is equal to one fungal spore, structure, pollen, fiber particle or insect fragment. "\*" Denotes particles found at 300X. "-" Denotes not detected. Due to method stopping rules, raw counts in excess of 100 are extrapolated based on the percentage analyzed. EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported above and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. Samples received in good condition unless otherwise noted.

Samples analyzed by EMSL Analytical, Inc. Wallingford, CT AIHA-LAP, LLC--EMLAP Lab 165118

Initial report from: 10/06/2014 17:26:34

For Information on the fungi listed in this report please visit the Resources section at [www.emsl.com](http://www.emsl.com)



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

### Chain of Custody

EMSL Order Number (Lab Use Only):

241403859

Wallingford, CT 06492  
PHONE: (203) 284-5948  
FAX: (203) 284-5978

Company : Facility Support Services, LLC		EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 2685 State Street		Third Party Billing requires written authorization from third party	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Kevin Bogue		Telephone #: 203-288-1281	
Email Address: kbogue.fss@snet.net		Fax #:	Purchase Order:
Project Name/Number: 22214-1962 (westHavd)		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CT		Connecticut Samples: Commercial <input type="checkbox"/> Residential <input checked="" type="checkbox"/>	

**Turnaround Time (TAT) Options\* - Please Check**

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

\*For RUSH TAT's Please Call Ahead to Confirm Lab Hours and Availability. Not all TAT options are valid for every test. Materials Science and IAQ TATs are in Business Days rather than Hours (i.e. 24 Hour = End of Next Business Day)

**Asbestos**

<b>PCM - Air</b> <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ 8hr. TWA <b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT(AHERA ONLY) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312 <b>TEM - Water</b> Fibers $\geq$ 10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	<b>PLM - Bulk</b> <input type="checkbox"/> PLM EPA 600/R-93/116 <input type="checkbox"/> PLM EPA NOB (<1%) <input type="checkbox"/> NYS 198.1 (friable-NY) <input type="checkbox"/> NYS 198.6 (non-friable-NY) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/ Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<b>TEM - Bulk</b> <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <b>Soil/Rock/Vermiculite</b> <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> EPA Reg. 1 Screening Protocol (Qualitative) <b>Other:</b>
<b>Lead (Pb)</b> <b>Flame Atomic Absorption</b> <input type="checkbox"/> Chips SW846-7000B or AOAC 974.02 <input type="checkbox"/> Soil SW846-7000B/7420 <input type="checkbox"/> Air NIOSH 7082 <input type="checkbox"/> Wastewater SM3111B or SW846-7000B/7420 <input type="checkbox"/> ASTM Wipe SW846-7000B/7420 <input type="checkbox"/> non ASTM Wipe SW846-7000B/7420 <input type="checkbox"/> TCLP SW846-1311/7420/SM 3111B <b>Graphite Furnace Atomic Absorption</b> <input type="checkbox"/> Soil SW846-7421 <input type="checkbox"/> Wastewater EPA 200.9 <input type="checkbox"/> Air NIOSH 7105 <input type="checkbox"/> Drinking Water EPA 200.9	<b>ICP</b> <input type="checkbox"/> Air NIOSH 7300 Modified <input type="checkbox"/> non ASTM Wipe SW846-6010B or C <input type="checkbox"/> ASTM Wipe SW846-6010B or C <input type="checkbox"/> Soil SW846-6010 B or C <input type="checkbox"/> Waste Water SW846-6010B or C <input type="checkbox"/> TCLP SW846-6010B or C <b>Other:</b> <input type="checkbox"/>	<b>Materials Science</b> <input type="checkbox"/> Common Particle ID (large particles) <input type="checkbox"/> Full Particle ID (environmental dust) <input type="checkbox"/> Basic Material ID (solids) <input type="checkbox"/> Advanced Material ID <input type="checkbox"/> Physical Testing (Tensile, Compression) <input type="checkbox"/> Combustion-by-products (soot, char, etc.) <input type="checkbox"/> X-Ray Fluorescence (elem. analysis) <input type="checkbox"/> X-Ray Diffraction (Crystalline Part.) <input type="checkbox"/> MMVF's (Fibrous glass, RCF's) <input type="checkbox"/> Particle Size (sieve/microscopy/laser) <input type="checkbox"/> Combustible Dust <input type="checkbox"/> Petrographic Examination <b>Other:</b> <input type="checkbox"/>

**Microbiology**

<b>Wipe and Bulk Samples</b> <input type="checkbox"/> Mold & Fungi - Direct Examination <input type="checkbox"/> Mold & Fungi Culture (Genus Only) <input type="checkbox"/> Mold & Fungi Culture (Genus & Species) <input type="checkbox"/> Bacterial Count & ID (Up to Three Types) <input type="checkbox"/> Bacterial Count & ID (Up to Five Types) <input type="checkbox"/> MRSA <input type="checkbox"/> Pseudomonas aeruginosa <b>Water Samples</b> <input type="checkbox"/> Total Coliform & E.coli (P/A) <input type="checkbox"/> Fecal Coliform (SM 9222D) <input type="checkbox"/> Sewage Screen <input type="checkbox"/> Heterotrophic Plate Count (SM 9215)	<b>Air Samples</b> <input checked="" type="checkbox"/> Mold & Fungi (Spore Trap) <input type="checkbox"/> Mold & Fungi Culture (Genus Only) <input type="checkbox"/> Mold & Fungi (Genus & Species) <input type="checkbox"/> Bacterial Culture & ID (Up to Three Types) <input type="checkbox"/> Bacterial Culture & ID (Up to Five Types) <input type="checkbox"/> Endotoxin Testing <b>Real Time Q-PCR</b> (See Analytical Guide for Code) Code:	<b>Legionella</b> <input type="checkbox"/> Level 1 <input type="checkbox"/> Level 2 <input type="checkbox"/> Level 3 <input type="checkbox"/> Level 4 <b>Other:</b> <input type="checkbox"/>
--	--	--

**IAQ**

Nuisance Dust NIOSH  0500  0600

Airborne Dust  PM10  TSP

Silica Analysis:  All Species  
 Silica Analysis - Single Species  
 Alpha Quartz  Cristobalite  Tridymite

HVAC Efficiency  
 Carbon Black  
 Airborne Oil Mist

Radon Testing: Call for Kit and COC  
**Other:**

**\*\*Comments/Special Instructions:**

Client Sample #'s	M1 - M2	Total # of Samples:	2
Relinquished (Client):	Kevin Bogue	Date:	7/29/14
Received (Lab):		Date:	
		Time:	3:30

Analysis Completed in Accordance with EMSL's Terms and Conditions located in the Analytical Price Guide



**ATTACHMENT B**

**FSS LICENSURE**

**STATE OF CONNECTICUT**

**DEPARTMENT OF PUBLIC HEALTH**

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED  
BY THIS DEPARTMENT AS A

**ASBESTOS CONSULTANT-INSP/MGMT PLANNER**

KEVIN S. BOGUE

CERTIFICATE NO.

**000157**

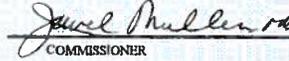
CURRENT THROUGH

**08/31/15**

VALIDATION NO.

**03-928515**

  
SIGNATURE

  
COMMISSIONER

**ATTACHMENT C**

**ASBESTOS LABORATORY ANALYTICAL DATA**



# EMSL Analytical, Inc.

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

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

<http://www.EMSL.com>

[wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

EMSL Order:	241403860
CustomerID:	FSS93
CustomerPO:	
ProjectID:	

Attn: <b>Kevin Bogue</b> <b>Facility Support Services, LLC</b> <b>2685 State Street</b>  <b>Hamden, CT 06517</b>	Phone: (203) 288-1281 Fax: (203) 248-4409 Received: 09/29/14 5:00 PM Analysis Date: 10/2/2014 Collected: 9/29/2014
Project: 22214-1962 (WESTLAND)	

## 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
20140929_1962_S1 A 241403860-0001	Window caulk	White Non-Fibrous Homogeneous	5% Fibrous (other)	95% Non-fibrous (other)	None Detected
20140929_1962_S1 B 241403860-0002	Window caulk	White Non-Fibrous Homogeneous	4% Fibrous (other)	96% Non-fibrous (other)	None Detected
20140929_1962_S1 C 241403860-0003	Window caulk	White Non-Fibrous Homogeneous	<1% Cellulose 3% Fibrous (other)	97% Non-fibrous (other)	None Detected
20140929_1962_S2 A 241403860-0004	Hatchway caulk	Tan Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
20140929_1962_S2 B 241403860-0005	Hatchway caulk	Tan Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
20140929_1962_S2 C 241403860-0006	Hatchway caulk	Tan Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
20140929_1962_S3 A 241403860-0007	Basement ceiling spray-on insulation	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)  


---

 Kristin Lopez (4)  
 Lauren Brennan (8)


---

 Gloria V. Oriol, Laboratory Manager  
 or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
 Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0.

Initial report from 10/03/2014 17:48:52



# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4, Wallingford, CT 06492  
Phone/Fax: 203-284-5948 / (203) 284-5978  
<http://www.EMSL.com> [wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

EMSL Order: 241403860  
CustomerID: FSS93  
CustomerPO:  
ProjectID:

Attn: **Kevin Bogue**  
**Facility Support Services, LLC**  
**2685 State Street**  
  
**Hamden, CT 06517**  
Project: 22214-1962 (WESTLAND)

Phone: (203) 288-1281  
Fax: (203) 248-4409  
Received: 09/29/14 5:00 PM  
Analysis Date: 10/2/2014  
Collected: 9/29/2014

## 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
20140929_1962_S3 B 241403860-0008	Basement ceiling spray-on insulation	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
20140929_1962_S3 C 241403860-0009	Basement ceiling spray-on insulation	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	None Detected
20140929_1962_S4 A 241403860-0010	Chimney patch	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (other)	None Detected
20140929_1962_S4 B 241403860-0011	Chimney patch	Gray Non-Fibrous Homogeneous	<1% Cellulose	10% Quartz 90% Non-fibrous (other)	None Detected
20140929_1962_S4 C 241403860-0012	Chimney patch	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (other)	None Detected

Analyst(s)  

---

Kristin Lopez (4)  
Lauren Brennan (8)

---

Gloria V. Oriol, Laboratory Manager  
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%  
Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0.

Initial report from 10/03/2014 17:48:52



EMSL ANALYTICAL, INC.  
LABORATORY • PRODUCTS • TRAINING

### Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

241403860

Wallingford, CT 06492

PHONE: (203) 284-5948

FAX: (203) 284-5978

Company : Facility Support Services, LLC		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same If Bill to is Different note instructions in Comments**	
Street: 2685 State Street		Third Party Billing requires written authorization from third party	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Kevin Bogue		Telephone #: 203-288-1281	
Email Address: kbogue.fss@snet.net		Fax #:	Purchase Order:
Project Name/Number: 22214-1962 (Westland)		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CT		Connecticut Samples: <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential	

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.

<b>PCM - Air</b> <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	<b>TEM - Air</b> <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	<b>TEM- Dust</b> <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
<b>PLM - Bulk (reporting limit)</b> <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	<b>TEM - Bulk</b> <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5	<b>Soil/Rock/Vermiculite</b> <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		<b>Filter Pore Size (Air Samples):</b> <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm

Samplers Name: Kevin Bogue      Samplers Signature: Kevin Bogue

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
20140929-1962-S1A	Window caulk	1	9/29/14
-S1B	↓	1	↓
-S1C	↓	1	
20140929-1962-S2A	Hatchway caulk	2	
-S2B	↓	2	↓
-S2C	↓	2	

Client Sample # (s): S1A - S1C - S2A - S2B - S2C      Total # of Samples: 12

Relinquished (Client): Kevin Bogue      Date: 9/29/14      Time: 3:40

Received (Lab):      Date:      Time:

Comments/Special Instructions:





**ATTACHMENT D**  
**PCB ANALYTICAL DATA**

80 Lupes Drive  
Stratford, CT 06615



Tel: (203) 377-9984  
Fax: (203) 377-9952  
e-mail: cet1@cetlabs.com

Client: Mr. Kevin Bogue  
Facility Support Services  
2685 State Street  
Hamden, CT 06517

# Analytical Report

## CET# 4100028

Report Date: October 06, 2014  
Project: 22214-1962, Milford  
PO Number:

Connecticut Laboratory Certificate: PH 0116  
Massachusetts laboratory Certificate.: M-CT903



New York Certification: 11982  
Rhode Island Certification: 199

CET #:4100028

Project: 22214-1962, Milford

**SAMPLE SUMMARY**

The sample(s) were received at 4.8°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
20140929_1962_P1	4100028-01	Solid	9/29/2014	09/30/2014
20140929_1962_P2	4100028-02	Solid	9/29/2014	09/30/2014

**Client Sample ID 20140929\_1962\_P1**

**Lab ID: 4100028-01**

**PCBs by Soxhlet**

**Method: EPA 8082A**

**Analyst: CA**

**Matrix: Solid**

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:05	
PCB-1221	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:05	
PCB-1232	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:05	
PCB-1242	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:05	
PCB-1248	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:05	
PCB-1254	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:05	
PCB-1260	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:05	
PCB-1268	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:05	
PCB-1262	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:05	
<i>Surrogate: TCMX</i>	<i>68.3 %</i>	<i>50 - 150</i>			B4J0231	10/02/2014	<i>10/03/2014 18:05</i>	
<i>Surrogate: DCB</i>	<i>92.3 %</i>	<i>50 - 150</i>			B4J0231	10/02/2014	<i>10/03/2014 18:05</i>	

CET #:4100028

Project: 22214-1962, Milford

**Client Sample ID 20140929\_1962\_P2**

**Lab ID: 4100028-02**

**PCBs by Soxhlet**

**Method: EPA 8082A**

**Analyst: CA**

**Matrix: Solid**

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:24	
PCB-1221	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:24	
PCB-1232	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:24	
PCB-1242	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:24	
PCB-1248	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:24	
PCB-1254	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:24	
PCB-1260	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:24	
PCB-1268	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:24	
PCB-1262	ND	0.80	4	EPA 3540C	B4J0231	10/02/2014	10/03/2014 18:24	
<i>Surrogate: TCMX</i>	<i>68.4 %</i>	<i>50 - 150</i>			B4J0231	10/02/2014	<i>10/03/2014 18:24</i>	
<i>Surrogate: DCB</i>	<i>101 %</i>	<i>50 - 150</i>			B4J0231	10/02/2014	<i>10/03/2014 18:24</i>	

CET #:4100028

Project: 22214-1962, Milford

**QUALITY CONTROL SECTION**

**Batch B4J0231 - EPA 8082A**

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
<b>Blank (B4J0231-BLK1)</b>					Prepared: 10/2/2014 Analyzed: 10/3/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							
<i>Surrogate: TCMX</i>					78.8	50 - 150			
<i>Surrogate: DCB</i>					102	50 - 150			
<b>LCS (B4J0231-BS1)</b>					Prepared: 10/2/2014 Analyzed: 10/3/2014				
PCB-1016	0.835	0.20				50 - 150			L
PCB-1260	0.881	0.20				50 - 150			L
<i>Surrogate: TCMX</i>					80.7	50 - 150			
<i>Surrogate: DCB</i>					102	50 - 150			



80 Lupes Drive  
Stratford, CT 06615

Tel: (203) 377-9984  
Fax: (203) 377-9952  
email: cet1@cetlabs.com

### Quality Control Definitions and Abbreviations

Internal Standard (IS)	An Analyte added to each sample or sample extract. An internal standard is used to monitor retention time, calculate relative response, and quantify analytes of interest.
Surrogate Recovery	The % recovery for non-tarer organic compounds that are spiked into all samples. Used to determine method performance.
Continuing Calibration Batch	An analytical standard analyzed with each set of samples to verify initial calibration of the system. Samples that are analyzed together with the same method, sequence and lot of reagents within the same time period.
ND	Not detected
RL	Reporting Limit
Dilution	Multiplier added to detection levels (MDL) and/or sample results due to interferences and/or high concentration of target compounds.
Duplicate Result	Result from the duplicate analysis of a sample. Amount of analyte found in a sample.
Spike Level	Amount of analyte added to a sample
Matrix Spike Result	Amount of analyte found including amount that was spiked.
Matrix Spike Dup	Amount of analyte foun in duplicate spikes including amount that was spike.
Matrix Spike % Recovery	% Recovery of spiked amount in sample.
Matrix Spike Dup % Recovery	% Recovery of spiked duplicate amount in sample.
RPD	Relative percent difference between Matrix Spike and Matrix Spike Duplicate.
Blank	Method Blank that has been taken through all steps of the analysis.
LCS % Recovery	Laboratory Control Sample percent recovery. The amount of analyte recovered from a fortified sample.
Recovery Limits	A range within which specified measurements results must fall to be compliant.
CC	Calibration Verification

#### Flags:

- H- Recovery is above the control limits
- L- Recovery is below the control limits
- B- Compound detected in the Blank
- P- RPD of dual column results exceeds 40%
- #- Sample result too high for accurate spike recovery.



Connecticut Laboratory Certification PH0116  
Massachussets Laboratory Certification M-CT903

New York Certification 11982  
Rhode Island Certification 199

Questions related to this report should be directed to David Ditta, Timothy Fusco, or Robert Blake at 203-377-9984.

Sincerely,



David Ditta  
Laboratory Director

Report Comments:

Sample Result Flags:

- E- The result is estimated, above the calibration range.
- H- The surrogate recovery is above the control limits.
- L- The surrogate recovery is below the control limits.
- B- The compound was detected in the laboratory blank.
- P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
- D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.
- + - The Surrogate was diluted out.
- \*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
- \*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
- \*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
- \*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
- I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

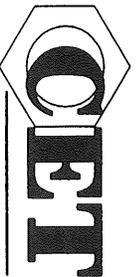
All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.

Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

ND is None Detected at the specified detection limit  
All analyses were performed in house unless a Reference Laboratory is listed.  
Samples will be disposed of 30 days after the report date.



4100028



COMPLETE ENVIRONMENTAL TESTING, INC.

# CHAIN OF CUSTODY

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

80 Lupes Drive  
Stratford, CT 06615  
Tel: (203) 377-9984  
Fax: (203) 377-9952  
e-mail: cet1@cetlabs.com  
Bottle Request e-mail: bottleorders@cetlabs.com

Sample ID	Sample Depths (Units)	Collection Date/Time	Matrix A=Air S=Soil W=Water M=Water D=Drinking Water C=Cassette Solid Wipe Other (Specify)	Turnaround Time ** (check one)			
				Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)
20140929-1962-P1	-	9/29/14	SWM				X
20140929-1962-P2	-	9/29/14	SWM				X

Organics	Metals (check all that apply)		Additional Analysis				TOTAL # OF CONT.	NOTE #										
	8260 CT List	8260 Aromatics	8260 Halogens	624	CT ETPH	8270 CT List			8270 PNAs	PCBs (Saxlot)	Pesticides	13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter

PRESERVATIVE (Cl-HCl, N-HNO<sub>3</sub>, S-H<sub>2</sub>SO<sub>4</sub>, Na-NaOH,  Cool, O-Other)

CONTAINER TYPE (P-Plastic, G-Glass,  Vial, O-Other)

Soil VOCs Only (M=MeOH B=Bisulfate  Sodium W=Water F=Vial Empty E=Evaporated)

RELINQUISHED BY: K. Boyne DATE/TIME: 9/29/14 3:40 RECEIVED BY: [Signature] DATE/TIME: 9/30/14

RELINQUISHED BY: [Signature] DATE/TIME: 9/30/14 10:40 RECEIVED BY: [Signature] DATE/TIME: 10/40

Client / Reporting Information

Company Name: Facility Support Services, LLC

Address: 2685 State St. City: CT State: CT Zip: 06517

Report To: K. Boyne E-mail: K.Boyne\_FSS@SUNET.NET

Phone #: 203-288-1281 Fax #: [Blank]

Project Information

Project Contact: K. Boyne PO #: -

Project #: 22214-1762 Project #: -

Location: Mill Road Collector(s): KSB

QA/QC:  Std  Site Specific (MS/MSD) \*  RCP Pkg \*  DOAW \*

Data Report:  RDF  EDD - Specify Format  Other 1 ppm

RSR Reporting Limits (check one)  GA  GB  SWP  RI  MA

Laboratory Certification Needed (check one)  ST  NY  RI  MA

Temp Upon Receipt: 4.8 °C Evidence of Cooling:  Y  N SHEET 1 OF 1

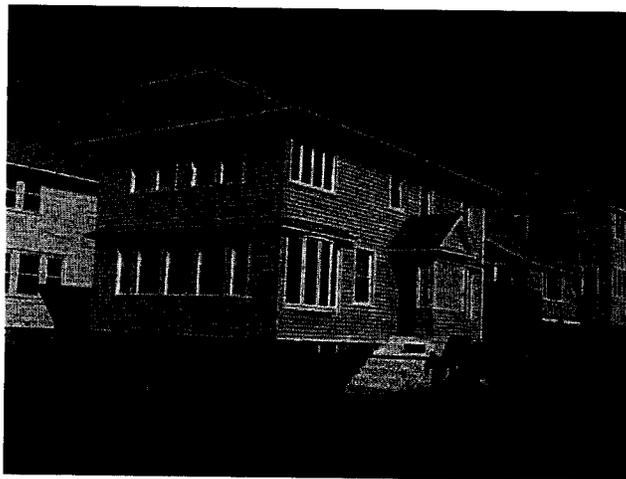
\* Additional charge may apply. \*\* TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV. 06/14

**ATTACHMENT E**

**LEAD REPORT**

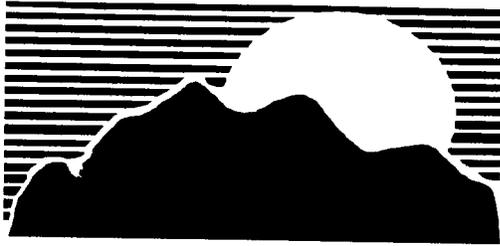
**LEAD BASED PAINT INSPECTION  
REPORT OF FINDINGS  
OF:**

**36 WESTLAND AVENUE  
MILFORD, CONNECTICUT**



**DATE:  
SEPTEMBER 30, 2014**

**PREPARED BY:  
GILBERTCO LEAD INSPECTIONS LLC  
287 MAIN STREET  
ANSONIA, CONNECTICUT 06401**



# GILBERTCO

## LEAD INSPECTIONS, LLC

### “LEAD BASED PAINT SPECIALIST”

September 30, 2014

Job 9928-18-36

Kevin Bogue, LEP, CHMM  
Facility Support Services, LLC  
2685 State Street  
Hamden, Connecticut 06517

#### **Re: Lead Based Paint Inspection: 36 Westland Avenue, Milford, Connecticut 06460**

Gilbertco Lead Inspections LLC performed a limited XRF inspection for the presence of lead based paint at 36 Westland Avenue, Milford, Connecticut. The inspection was requested by Facility Support Services in response to planned lifting of the home by State of Connecticut Department of Housing Community Block Grant Disaster Recovery Program.

The site inspected consists of a two story, single family home built about 1930. The home is in good repair and enjoys excellent housekeeping. The exterior is vinyl sided with vinyl replacement windows throughout. There is a detached two car garage. There are no children under the age of six currently residing here..

In accordance with HUD/EPA guidance issued June 26, 1996, the Scitec Map 4 Spectrum Analyzer was used in the “Unlimited” assaying mode. This enables the equipment to accurately determine whether the result is “Positive”, above the 1.0 mg/cm<sup>2</sup> action level or “Negative”, below the action level regardless of precision or operator bias. In accordance with the above guidance, values of 0.91 mg/cm<sup>2</sup> through 1.19 mg/cm<sup>2</sup> are considered “Inconclusive”, meaning the value level of lead in paint was so close to the 1.0 mg/cm<sup>2</sup> action level that further analysis by XRF would not result in a “Positive” or “Negative” answer. Only laboratory analysis of the paint film can determine actual values in this range. Chip sampling of inconclusive was not included in the scope of this report, therefore, any results above 0.9 mg/cm<sup>2</sup> are considered positive. Results are arranged floor plan style with the substrate and condition noted. Orientation of rooms places side ‘one’ as street side, with side ‘two’ to the left, side ‘three’ opposite, and wall ‘four’ to the right. Rooms were tested in a clockwise pattern.

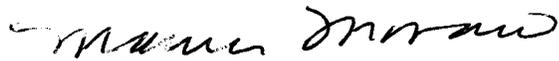
In regards to the above mentioned property no *lead based paint hazards were identified*. A lead based paint hazard is “any condition that causes exposure from lead-contaminated dust, lead contaminated soil, or lead-contaminated paint that is deteriorated or present in accessible surfaces, friction surfaces, or impact surfaces that would result in adverse human health effects...”. ( The Residential Lead Based Paint Hazard Reduction Act of 1992 – Title X). ...”. Several areas tested positive for lead based paint but are currently in an intact condition. These areas, identified in the following report as positive and intact, should be placed on a Management Plan (enclosed) and monitored annually for signs of deterioration or paint breakdown. In April 2010, a new EPA regulation requires that any contractor who disturbs more than six square feet of painted surface per room or does window replacement must be certified as a Renovate Right Contractor. Homeowners are allowed to do their own renovation but are not exempt from providing renovation notices or posting informational signs. Further information regarding Renovate Right may be obtained at [www.epa.gov/lead/pubs/renovation](http://www.epa.gov/lead/pubs/renovation) or by calling the National Lead Information Center at 1-800-424-LEAD (5323).

Lead in dust was not included in the scope of this report. Only laboratory analysis can insure that no lead dust hazards remain after renovations or from everyday use of the home.

Although soil was not tested for lead, it can be presumed positive unless proven otherwise. Vegetable plants should not be planted near the perimeter of the house or in water runoff areas. Children should not be allowed to play in bare soil areas adjacent to the house. Asphalt, bushes, mulch, or good quality grass covering are acceptable deterrents. These deterrents are in place.

This lead inspection report should be disclosed to future tenants and /or buyers in accordance with Title X ( copy enclosed).

Please feel free to call if any questions arise,



Maureen Monaco  
Director of Operations  
Consultant Contractor #270  
Lead Inspector Risk Assessor #1172  
Lead Abatement Supervisor #2383

**CERTIFICATION  
LEAD IN PAINT RESULTS**

**AGENCY:** GILBERTCO LEAD INSPECTIONS LLC  
287 MAIN STREET  
ANSONIA, CONNECTICUT 06401

**PROJECT ADDRESS:** 36 WESTLAND AVE.  
MILFORD, CONNECTICUT

**PROJECT NUMBER:** 9928-18-0036

**TEST DATE:** SEPTEMBER 30, 2014

**REQUIREMENTS:** CHAPTER 7 HUD GUIDELINES  
LEAD INSPECTION- SURFACE BY SURFACE

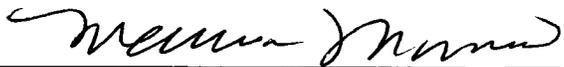
**INSTRUMENTATION:** SCITEC MAP4 PORTABLE X-RAY ( BRUKER HANDHELD)  
FLUOROSCOPE SPECTRUM ANALYZER  
(XRF) COBALT 57 SOURCE

**REPORT MEDIUM:** MG PB/CM2 (MILLIGRAMS OF LEAD  
PER SQUARE CENTIMETER)

**CALIBRATION:** TO MEASURE LEAD K-SHELL EMISSIONS.  
FACTORY CALIBRATED WITH HUD APPROVED  
REFERENCE STANDARDS. CALIBRATION FIELD  
CHECKED HOURLY AS RECOMMENDED BY  
MANUFACTURER

**OPERATORS CERTIFICATION:** LEAD CONSULTANT CONTRACTOR-CC270  
LEAD INSPECTOR RISK ASSESSOR- IR 1172  
LEAD ABATEMENT SUPERVISOR- 2383

I hereby certify to the best of my knowledge and capabilities that this report reflects the true lead content of the surfaces tested in this report on this date.

   
\_\_\_\_\_

**36 Westland Ave., Milford, Connecticut  
September 30, 2014**

Room Type	Room #	Wall #	Component	Substrate	Condition	K Shell	Decision
Calibration						1.09	Okay
Living Room	1	4	Door	Other	Intact	-0.11	Negative
Living Room	1	4	Door Casing	Wood	Intact	-0.2	Negative
Living Room	1	4	Wall-upper	Wood	Intact	-0.12	Negative
Living Room	1	4	Chairrail	Wood	Intact	0.01	Negative
Living Room	1	4	Wall-lower	Sheetrk	Intact	-0.34	Negative
Living Room	1	4	Radiator	Metal	Intact	-0.19	Negative
Living Room	1	1	Floor	Wood	Stain/varnish	0.12	Negative
Living Room	1	1	Ceiling	Wood	Intact	0.82	Negative
Living Room	1	3	Wall-upper	Wood	Intact	0	Negative
Living Room	1	3	Chairrail	Wood	Intact	0	Negative
Living Room	1	3	Wall-lower	Sheetrk	Intact	0.17	Negative
Living Room	1	3	Baseboard	Wood	Intact	0.17	Negative
Living Room	1	3	Mantle	Wood	Stain/varnish	0.2	Negative
Living Room	1	4	Window Sill	Wood	Intact	0.22	Negative
Living Room	1	4	Window Trim	Wood	Intact	-0.32	Negative
Living Room	1	1	Wall-upper	Wood	Intact	0.09	Negative
Living Room	1	1	Chairrail	Wood	Intact	-0.38	Negative
Living Room	1	1	Wall-lower	Sheetrk	Intact	-0.14	Negative
Living Room	1	1	Radiator	Metal	Intact	0.1	Negative
Living Room	1	1	Window Sill	Wood	Intact	0.87	Negative
Living Room	1	1	Window Trim	Wood	Intact	0.88	Negative
Living Room	1	2	Wall	Wood	Intact	-0.09	Negative
Living Room	1	2	Window Sill	Wood	Intact	0.79	Negative
Living Room	1	2	Window Trim	Wood	Intact	0.89	Negative
Living Room	1	2	Window Stop	Wood	Intact	0.7	Negative
Living Room	1	2	Window Apron	Wood	Intact	0.87	Negative
Living Room	1	2	Wall	Sheetrk	Intact	-0.02	Negative
Living Room	1	2	Baseboard	Wood	Intact	-0.18	Negative
Living Room	1	1	Floor	Wood	Stain/varnish	0.42	Negative
Living Room	1	3	Stair Tread	Wood	Stain/varnish	0.15	Negative
Living Room	1	3	Stair Riser	Wood	Stain/varnish	0.09	Negative
Living Room	1	2	Wall	Wood	Stain/varnish	0.24	Negative
Living Room	1	3	Post/column	Wood	Intact	0.82	Negative
Living Room	1	3	Spindle	Wood	Intact	0.64	Negative
Dining Room	2	1	Door Jamb	Wood	Intact	0	Negative
Dining Room	2	1	Door Casing	Wood	Intact	0.43	Negative
Dining Room	2	1	Wall-upper	Wood	Intact	0.07	Negative
Dining Room	2	1	Wall-Chairrail	Wood	Intact	0.2	Negative
Dining Room	2	1	Wall-lower	Wood	Intact	-0.47	Negative
Dining Room	2	1	Baseboard	Wood	Intact	-0.08	Negative
Dining Room	2	4	Wall-upper	Wood	Intact	0.46	Negative
Dining Room	2	4	Chairrail	Wood	Intact	0.05	Negative

**36 Westland Ave., Milford, Connecticut  
September 30, 2014**

Dining Room	2	4	Wall- lower	Wood	Intact	0.72	Negative
Dining Room	2	4	Window Trim	Wood	Intact	-0.05	Negative
Dining Room	2	4	Window Sill	Wood	Intact	-0.06	Negative
Dining Room	2	4	Window Sash	Wood	Intact	-0.39	Negative
Dining Room	2	4	Radiator	Metal	Intact	-0.25	Negative
Dining Room	2	3	Wall-upper	Wood	Intact	0.45	Negative
Dining Room	2	3	Chairrail	Wood	Intact	0.28	Negative
Dining Room	2	3	Wall-lower	Wood	Intact	-0.11	Negative
Dining Room	2	3	Radiator	Metal	Intact	-0.32	Negative
Dining Room	2	3	Window Trim	Wood	Intact	0.63	Negative
Dining Room	2	3	Window Sill	Wood	Intact	0.53	Negative
Dining Room	2	3	Window Apron	Wood	Intact	0.73	Negative
Dining Room	2	2	Wall	Wood	Intact	-0.28	Negative
Dining Room	2	2	Baseboard	Wood	Intact	-0.58	Negative
Dining Room	2	1	Ceiling	Wood	Intact	0.43	Negative
Kitchen	3	1	Wall	Sheetrk	Intact	0.18	Negative
Kitchen	3	4	Baseboard	Wood	Intact	-0.09	Negative
Kitchen	3	4	Door to bath	Wood	Intact	0.08	Negative
Kitchen	3	4	Door Casing	Wood	Intact	0.23	Negative
Kitchen	3	3	Door to exit	Wood	Intact	0.03	Negative
Kitchen	3	3	Door Casing	Wood	Intact	0.01	Negative
Kitchen	3	3	Wall	Sheetrk	Intact	0.06	Negative
Kitchen	3	3	Baseboard	Wood	Intact	0.05	Negative
Kitchen	3	2	Wall	Other	Intact	0.37	Negative
Kitchen	3	2	Cabinet	Wood	Intact	-0.09	Negative
<b>Kitchen</b>	<b>3</b>	<b>2</b>	<b>Window Sill</b>	<b>Wood</b>	<b>Intact</b>	<b>2.78</b>	<b>Positive</b>
<b>Kitchen</b>	<b>3</b>	<b>2</b>	<b>Window Trim</b>	<b>Wood</b>	<b>Intact</b>	<b>2.7</b>	<b>Positive</b>
<b>Kitchen</b>	<b>3</b>	<b>2</b>	<b>Window Stop</b>	<b>Wood</b>	<b>Intact</b>	<b>3.41</b>	<b>Positive</b>
Kitchen	3	1	Wall	Sheetrk	Intact	-0.52	Negative
Kitchen	3	1	Closet Door	Wood	Intact	0.02	Negative
Kitchen	3	1	Clo Dr Csng	Wood	Intact	-0.13	Negative
Kitchen	3	4	Wall	Sheetrk	Intact	-0.06	Negative
Kitchen	3	1	Shelf	Wood	Intact	-0.08	Negative
Kitchen	3	1	Shelf Support	Wood	Intact	-0.44	Negative
Kitchen	3	1	Ceiling	Sheetrk	Intact	0.54	Negative
Kitchen	3	2	Wall	Sheetrk	Intact	0.12	Negative
<b>Kitchen</b>	<b>3</b>	<b>2</b>	<b>Window Sill</b>	<b>Wood</b>	<b>Intact</b>	<b>2.16</b>	<b>Positive</b>
<b>Kitchen</b>	<b>3</b>	<b>2</b>	<b>Window Trim</b>	<b>Wood</b>	<b>Intact</b>	<b>2.25</b>	<b>Positive</b>
<b>Kitchen</b>	<b>3</b>	<b>2</b>	<b>Window Stop</b>	<b>Wood</b>	<b>Intact</b>	<b>3.1</b>	<b>Positive</b>
Kitchen	3	2	Window Apron	Wood	Intact	0.08	Negative
Kitchen	3	3	Wall	Sheetrk	Intact	0.11	Negative
Kitchen	3	1	Ceiling	Sheetrk	Intact	0.34	Negative
Bathroom	4	2	Door	Wood	Intact	0.05	Negative
Bathroom	4	2	Door Jamb	Wood	Intact	-0.03	Negative
Bathroom	4	2	Door Casing	Wood	Intact	-0.29	Negative

**36 Westland Ave., Milford, Connecticut  
September 30, 2014**

Bathroom	4	2 Wall	Sheetrk	Intact	0.03	Negative
Bathroom	4	2 Baseboard	Wood	Intact	0	Negative
Bathroom	4	1 Ceiling	Sheetrk	Intact	0.09	Negative
Bathroom	4	3 Wall	Sheetrk	Intact	0.06	Negative
<b>Bathroom</b>	<b>4</b>	<b>3 Window Trim</b>	<b>Wood</b>	<b>Intact</b>	<b>1.06</b>	<b>Inconclusive</b>
<b>Bathroom</b>	<b>4</b>	<b>3 Window Sill</b>	<b>Wood</b>	<b>Intact</b>	<b>1.04</b>	<b>Inconclusive</b>
<b>Bathroom</b>	<b>4</b>	<b>3 Window Stop</b>	<b>Wood</b>	<b>Intact</b>	<b>1.32</b>	<b>Positive</b>
<b>Bathroom</b>	<b>4</b>	<b>3 Window Apron</b>	<b>Wood</b>	<b>Intact</b>	<b>3.42</b>	<b>Positive</b>
Bathroom	4	4 Wall	Sheetrk	Intact	0.03	Negative
Bathroom	4	4 Baseboard	Wood	Intact	-0.02	Negative
Bathroom	4	1 Wall	Sheetrk	Intact	0.31	Negative
Bathroom	4	1 Cabinet	Sheetrk	Intact	0.24	Negative
Bathroom	4	1 Ceiling	Sheetrk	Intact	-0.21	Negative
Master Bedroom	5	1 Wall	Sheetrk	Intact	-0.1	Negative
Master Bedroom	5	1 Window Sill	Wood	Intact	0.55	Negative
Master Bedroom	5	1 Window Trim	Wood	Intact	0.84	Negative
Master Bedroom	5	1 Window Stop	Wood	Intact	0.77	Negative
<b>Master Bedroom</b>	<b>5</b>	<b>1 Window Apron</b>	<b>Wood</b>	<b>Intact</b>	<b>1</b>	<b>Inconclusive</b>
<b>Master Bedroom</b>	<b>5</b>	<b>1 Window Apron</b>	<b>Wood</b>	<b>Intact</b>	<b>1.14</b>	<b>Inconclusive</b>
Master Bedroom	5	1 Radiator	Metal	Intact	-0.14	Negative
Master Bedroom	5	1 Floor	Metal	Intact	0.18	Negative
Master Bedroom	5	1 Ceiling	Sheetrk	Intact	-0.17	Negative
Master Bedroom	5	2 Wall	Sheetrk	Intact	0	Negative
Master Bedroom	5	2 Radiator	Metal	Intact	0.11	Negative
Master Bedroom	5	2 Window Trim	Wood	Intact	0.88	Negative
Master Bedroom	5	2 Window Sill	Wood	Intact	0.78	Negative
Master Bedroom	5	2 Window Stop	Wood	Intact	0.19	Negative
Master Bedroom	5	3 Wall	Wood	Stain/varnish	0.01	Negative
Master Bedroom	5	3 Closet Door	Wood	Stain/varnish	0.04	Negative
<b>Master Bedroom</b>	<b>5</b>	<b>3 Clo Dr Csng</b>	<b>Wood</b>	<b>Intact</b>	<b>1.24</b>	<b>Positive</b>
Master Bedroom	5	3 Shelf	Wood	Intact	-0.07	Negative
Master Bedroom	5	3 Wall	Wood	Intact	0.1	Negative
Master Bedroom	5	3 Ceiling	Sheetrk	Intact	-0.11	Negative
Master Bedroom	5	3 Door	Wood	Stain/varnish	0.01	Negative
<b>Master Bedroom</b>	<b>5</b>	<b>3 Door Casing</b>	<b>Wood</b>	<b>Intact</b>	<b>1.29</b>	<b>Positive</b>
Master Bedroom	5	4 Wall	Sheetrk	Intact	-0.18	Negative
Master Bedroom	5	4 Window Trim	Wood	Intact	0.33	Negative
Master Bedroom	5	4 Window Sill	Wood	Intact	-0.28	Negative
Master Bedroom	5	4 Radiator	Metal	Intact	0.22	Negative
Master Bedroom	5	4 Floor	Wood	Stain/varnish	0.52	Negative
Master Bedroom	5	1 Ceiling	Sheetrk	Intact	0.1	Negative
Bathroom	6	4 Door	Wood	Stain/varnish	0.44	Negative
Bathroom	6	4 Door Jamb	Wood	Intact	0.65	Negative
Bathroom	6	4 Door Casing	Wood	Intact	0.44	Negative
Bathroom	6	4 Wall	Sheetrk	Intact	0.38	Negative

**36 Westland Ave., Milford, Connecticut  
September 30, 2014**

Bathroom	6	1 Wall	Sheetrk	Intact	-0.07	Negative
Bathroom	6	1 Cabinet	Wood	Stain/varnish	-0.05	Negative
Bathroom	6	2 Wall	Sheetrk	Intact	-0.03	Negative
<b>Bathroom</b>	<b>6</b>	<b>2 Window Sill</b>	<b>Wood</b>	<b>Intact</b>	<b>1.94</b>	<b>Positive</b>
<b>Bathroom</b>	<b>6</b>	<b>2 Window Trim</b>	<b>Wood</b>	<b>Intact</b>	<b>1.19</b>	<b>Positive</b>
<b>Bathroom</b>	<b>6</b>	<b>2 Window Stop</b>	<b>Wood</b>	<b>Intact</b>	<b>1.38</b>	<b>Positive</b>
<b>Bathroom</b>	<b>6</b>	<b>2 Window Apron</b>	<b>Wood</b>	<b>Intact</b>	<b>1.59</b>	<b>Positive</b>
Bathroom	6	2 Radiator	Metal	Intact	-0.26	Negative
Bathroom	6	6 Closet Door	Wood	Intact	0.05	Negative
Bathroom	6	3 Wall	Sheetrk	Intact	-0.09	Negative
Bathroom	6	1 Ceiling	Sheetrk	Intact	0.53	Negative
Middle Bedroom	7	2 Door	Wood	Stain/varnish	-0.33	Negative
Middle Bedroom	7	2 Door Casing	Wood	Intact	0.84	Negative
Middle Bedroom	7	2 Door Jamb	Wood	Intact	0.41	Negative
Middle Bedroom	7	2 Wall	Wood	Stain/varnish	-0.04	Negative
Middle Bedroom	7	2 Window Sash(hall)	Wood	Intact	0.01	Negative
Middle Bedroom	7	1 Wall	Wood	Stain/varnish	-0.05	Negative
Middle Bedroom	7	4 Window Sill	Wood	Intact	0.83	Negative
<b>Middle Bedroom</b>	<b>7</b>	<b>4 Window Trim</b>	<b>Wood</b>	<b>Intact</b>	<b>1.34</b>	<b>Positive</b>
Middle Bedroom	7	4 Window Stop	Wood	Intact	0.64	Negative
<b>Middle Bedroom</b>	<b>7</b>	<b>4 Window Apron</b>	<b>Wood</b>	<b>Intact</b>	<b>1.09</b>	<b>Inconclusive</b>
Middle Bedroom	7	4 Radiator	Metal	Intact	-0.3	Negative
Middle Bedroom	7	3 Wall	Wood	Stain/varnish	-0.12	Negative
Middle Bedroom	7	1 Ceiling	Sheetrk	Intact	0.07	Negative
Middle Bedroom	7	2 Closet Door	Wood	Stain/varnish	0.26	Negative
Middle Bedroom	7	2 Clo Dr Csng	Wood	Intact	0.22	Negative
Middle Bedroom	7	2 Shelf	Wood	Intact	0.12	Negative
Middle Bedroom	7	2 Shelf Support	Wood	Intact	0.66	Negative
Middle Bedroom	7	2 Wall	Wood	Intact	-0.02	Negative
Middle Bedroom	7	2 Floor	Wood	Stain/varnish	-0.13	Negative
Rear Bedroom	8	2 Door	Wood	Stain/varnish	0.04	Negative
Rear Bedroom	8	1 Door Casing	Wood	Intact	0.21	Negative
Rear Bedroom	8	1 Door Jamb	Wood	Intact	0.5	Negative
Rear Bedroom	8	1 Wall	Wood	Stain/varnish	-0.15	Negative
Rear Bedroom	8	1 Ceiling	Sheetrk	Intact	-0.1	Negative
Rear Bedroom	8	4 Wall	Sheetrk	Intact	0.15	Negative
Rear Bedroom	8	4 Window Sill	Wood	Intact	0.62	Negative
<b>Rear Bedroom</b>	<b>8</b>	<b>4 Window Trim</b>	<b>Wood</b>	<b>Intact</b>	<b>1.47</b>	<b>Positive</b>
<b>Rear Bedroom</b>	<b>8</b>	<b>4 Window Trim</b>	<b>Wood</b>	<b>Intact</b>	<b>1.03</b>	<b>Inconclusive</b>
<b>Rear Bedroom</b>	<b>8</b>	<b>4 Window Stop</b>	<b>Wood</b>	<b>Intact</b>	<b>0.96</b>	<b>Inconclusive</b>
<b>Rear Bedroom</b>	<b>8</b>	<b>4 Window Apron</b>	<b>Wood</b>	<b>Intact</b>	<b>1</b>	<b>Inconclusive</b>
<b>Rear Bedroom</b>	<b>8</b>	<b>4 Window Stop</b>	<b>Wood</b>	<b>Intact</b>	<b>0.99</b>	<b>Inconclusive</b>
Rear Bedroom	8	4 Window apron	Wood	Intact	0.78	Negative
Rear Bedroom	8	4 Radiator	Metal	Intact	0.18	Negative
Rear Bedroom	8	1 Floor	Wood	Stain/varnish	0.07	Negative

**36 Westland Ave., Milford, Connecticut  
September 30, 2014**

Rear Bedroom	8	3	Wall	Sheetrk	Intact	-0.07	Negative
Rear Bedroom	8	1	Ceiling	Sheetrk	Intact	0.21	Negative
Rear Bedroom	8	2	Wall	Sheetrk	Intact	-0.32	Negative
Rear Bedroom	8	1	Closet Door	Wood	Intact	0.18	Negative
Rear Bedroom	8	1	Clo Dr Csng	Wood	Intact	-0.3	Negative
Stairway 1st to 2nd	9	2	Header/transom	Wood	Intact	0.88	Negative
Stairway 1st to 2nd	9	2	Window Sill	Wood	Non-intact	0.55	Negative
Stairway 1st to 2nd	9	2	Window Trim	Wood	Intact	0	Negative
Stairway 1st to 2nd	9	2	Window Stop	Wood	Intact	0.68	Negative
Room Over Garage	10	1	Door	Wood	Stain/varnish	0.14	Negative
Room Over Garage	10	1	Door Casing	Wood	Stain/varnish	-0.04	Negative
Room Over Garage	10	1	Ceiling	Wood	Stain/varnish	0.3	Negative
Room Over Garage	10	1	Wall	Wood	Stain/varnish	-0.12	Negative
Room Over Garage	10	2	Wall	Other	Intact	0.49	Negative
Room Over Garage	10	2	Window Sill	Wood	Stain/varnish	0.19	Negative
Room Over Garage	10	2	Window Sash	Wood	Stain/varnish	-0.04	Negative
Room Over Garage	10	2	Window Well	Wood	Intact	0.44	Negative
Room Over Garage	10	2	Window Sash	Wood	Stain/varnish	-0.31	Negative
Room Over Garage	10	3	Wall	Other	Intact	-0.2	Negative
Room Over Garage	10	3	Window Sill	Wood	Stain/varnish	-0.02	Negative
Room Over Garage	10	3	Window Sash	Wood	Stain/varnish	0.17	Negative
Room Over Garage	10	3	Window Trim	Wood	Stain/varnish	-0.06	Negative
Room Over Garage	10	3	Window Well	Wood	Intact	-0.01	Negative
Room Over Garage	10	4	Wall	Other	Intact	-0.14	Negative
Room Over Garage	10	4	Window Trim	Wood	Stain/varnish	0.08	Negative
Room Over Garage	10	1	Wall	Other	Intact	-0.08	Negative
Bath in Room	11	4	Door	Wood	Stain/varnish	-0.11	Negative
Bath in Room	11	4	Door Jamb	Wood	Stain/varnish	-0.01	Negative
Bath in Room	11	4	Door Casing	Wood	Stain/varnish	0.06	Negative
Bath in Room	11	1	Wall	Other	Intact	0.2	Negative
Bath in Room	11	1	Ceiling	Sheetrk	Intact	0.56	Negative
Bath in Room	11	3	Closet Door	Wood	Stain/varnish	-0.32	Negative
Exterior of Room	12	1	Door	Wood	Non-intact	0.04	Negative
Exterior of Room	12	1	Door Jamb	Wood	Non-intact	0.12	Negative
Exterior of Room	12	1	Threshold	Wood	Non-intact	0.26	Negative
Exterior	2	3	Post/column	Wood	Intact	-0.27	Negative
Exterior	2	3	Railing	Wood	Non-intact	0.38	Negative
Exterior	2	3	Beam	Wood	Non-intact	-0.44	Negative
Exterior	2	4	Door to changing rm	Wood	Intact	0.06	Negative
Exterior	2	4	Door Casing	Wood	Intact	-0.12	Negative
Exterior	2	4	Wall	Masonry	Intact	0.21	Negative
Exterior	2	4	Post/column	Wood	Non-intact	0.32	Negative

**36 Westland Ave., Milford, Connecticut**

**September 30, 2014**

Exterior	2	4	Post/column	Wood	Non-intact	0.05	Negative
Exterior	2	4	Trim	Wood	Intact	0.32	Negative
Exterior	2	4	Stair Tread	Masonry	Intact	-0.01	Negative
Exterior	2	1	Wall	Masonry	Non-intact	0.61	Negative
Exterior	2	1	Trap Door	Wood	Non-intact	0.84	Negative
Exterior	2	1	Trap Dr Csng	Wood	Non-intact	0.26	Negative

**Disclosure of Information on Lead-Based Paint and/or Lead-Based Paint Hazards**

**Lead Warning Statement**

*Housing built before 1978 may contain lead-based paint. Lead from paint, paint chips, and dust can pose health hazards if not managed properly. Lead exposure is especially harmful to young children and pregnant women. Before renting pre-1978 housing, lessors must disclose the presence of known lead-based paint and/or lead-based paint hazards in the dwelling. Lessees must also receive a federally approved pamphlet on lead poisoning prevention.*

**Lessor's Disclosure**

(a) Presence of lead-based paint and/or lead-based paint hazards (check (i) or (ii) below):  
(i) \_\_\_\_\_ Known lead-based paint and/or lead-based paint hazards are present in the housing (explain).  
\_\_\_\_\_

(ii) \_\_\_\_\_ Lessor has no knowledge of lead-based paint and/or lead-based paint hazards in the housing.  
\_\_\_\_\_

(b) Records and reports available to the lessor (check (i) or (ii) below):

(i) \_\_\_\_\_ Lessor has provided the lessee with all available records and reports pertaining to lead-based paint and/or lead-based paint hazards in the housing (list documents below).  
\_\_\_\_\_

(ii) \_\_\_\_\_ Lessor has no reports or records pertaining to lead-based paint and/or lead-based paint hazards in the housing.  
\_\_\_\_\_

**Lessee's Acknowledgment (initial)**

(c) \_\_\_\_\_ Lessee has received copies of all information listed above.

(d) \_\_\_\_\_ Lessee has received the pamphlet *Protect Your Family from Lead in Your Home*.

**Agent's Acknowledgment (initial)**

(e) \_\_\_\_\_ Agent has informed the lessor of the lessor's obligations under 42 U.S.C. 4852d and is aware of his/her responsibility to ensure compliance.

**Certification of Accuracy**

The following parties have reviewed the information above and certify, to the best of their knowledge, that the information they have provided is true and accurate.

_____ Lessor	_____ Date	_____ Lessor	_____ Date
_____ Lessee	_____ Date	_____ Lessee	_____ Date
_____ Agent	_____ Date	_____ Agent	_____ Date

**MANAGEMENT PLAN**  
**FOR**  
**INTACT LEAD-BASED PAINT CONTAINING SURFACES**

*As a homeowner, you should know that painted surfaces throughout this house have been found to contain toxic levels of lead. These surfaces do not have to be abated as they are presently intact. Lead paint and lead dust pose a health risk and are especially dangerous to young children and pregnant woman. The inspection report lists areas that contain lead based paint. Lead paint is presumed to exist on all similarly painted surfaces whether tested or not. If currently intact surfaces become nonintact then lead hazard remediation procedures must be invoked.*

*As the homeowner, you are responsible for observing and monitoring all areas that have been identified or presume to contain lead based paint. Further testing and possible abatement may be needed if any of the surfaces are to be disturbed during renovations or if the surfaces become damaged. Defective surfaces are characterized by cracking, blistering, chalking or peeling paint. If any of these conditions arise, you should contact a qualified lead abatement contractor, a Renovate Right Certified Contractor or the local health department. Do not attempt to remove lead containing surfaces yourself as the lead dust that may arise is extremely hazardous.*

*As the homeowner, you are responsible for warning all persons entering your home that lead based paint is present. This includes tenants, visitors, etc. In April 2010, a new EPA regulation requires that any contractor who disturbs more than six square feet of painted surface must be certified as a Renovate Right Contractor. Homeowners are allowed to do their own renovation but are not exempt from providing renovation notices or posting informational signs. Further information regarding Renovate Right may be obtained at [www.epa.gov/lead/pubs/renovation](http://www.epa.gov/lead/pubs/renovation) or by calling the National Lead Information Center at 1-800-424-LEAD (5323).*

*Children are especially susceptible to lead hazards. As with any lead containing surface, children should not be allowed to mouth or chew on woodwork. Hygiene practices must include hand washing before meals.*

*If any child is found to have an elevated blood lead level then you must notify the local health department.*



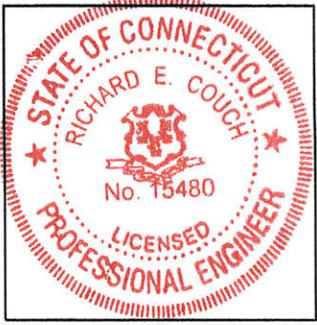
1084 Cromwell Avenue Suite, A-2  
Rocky Hill, CT 06067  
Tel: 860-436-4364  
Fax: 860-436-4626  
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Attachment 10 – Checklist Item 14A Documentation – Flood Management Certification

**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:	
"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."	
Signature of Applicant	Date
Name of Applicant (print or type)	Title
	11/17/2015
Signature of Professional Engineer	Date
Richard E. Couch	15480
Name of Professional Engineer (print or type)	P.E. Number
	Affix P.E. Stamp Here
	



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Attachment 11 – Checklist Item 14C Documentation – Tidal Wetlands

# Legend



36 Westland Avenue



Tidal Wetland 1990s



Service Layer Credits: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase,



0 750 1,500 Feet

1 in = 500 feet

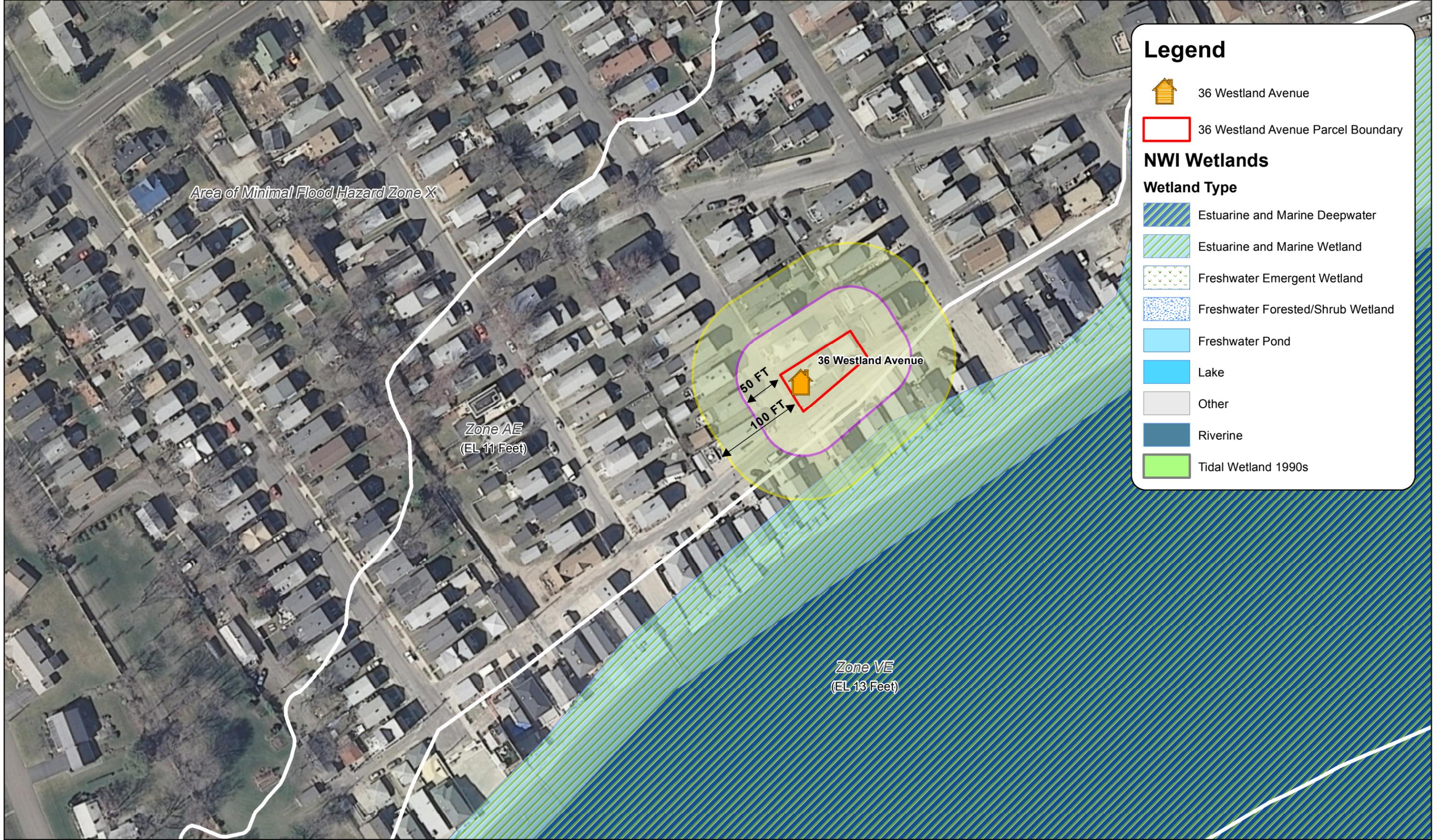
Data Source:  
Tidal Wetlandfss (1990's) - State of CT DEEP (CT ECO)

Date: 6/29/2015



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Attachment 11 – Checklist Item 14E Documentation – Buffer Map



### Legend

-  36 Westland Avenue
-  36 Westland Avenue Parcel Boundary

### NWI Wetlands

**Wetland Type**

-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Other
-  Riverine
-  Tidal Wetland 1990s

Area of Minimal Flood Hazard Zone X

Zone AE  
(EL 11 Feet)

36 Westland Avenue

50 FT

100 FT

Zone VE  
(EL 13 Feet)



1 inch = 100 feet



Data Sources:  
 Aerial Imagery - CT ECO (2012)  
 Parcel Lines - CT ECO (2011)  
 Tidal Wetlands - CT ECO (1990s)  
 NWI - USFWS (2010)  
 Flood Hazrd Zones - FEMA (2014)