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28 November 2016

Joy Okafor  
Department of Housing  
505 Hudson Street  
Hartford, CT 06106

RE: Applicant 1183, 9 East Avenue, Milford, CT

Dear Ms. Okafor,

This letter is to provide a summary description of the Statutory Checklist for CDBG-DR Applicant – 1183, Spencer Hoyt.

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, Lead Abatement Plan, Lead Hazard Remediation Plan
- 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 Mangament Certification Appendix B, Professional Certification
- Item 14-C – Tidal Wetlands Map
- Item 14-D – City of Milford Inland Wetlands and Watercourses Letter
- Item 14-E – City of Milford Zoning Board of Appeals Letter

Checklist list items requiring permitting and/or regulatory review include

- 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,

A handwritten signature in blue ink that reads "Richard Couch". The signature is stylized and cursive.

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 1183 – 9 East 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	See attachment 1 for determination statement from CT State Historic Preservation Office. Project activities will have an adverse effect on the state of Connecticut’s historic resources. Historic context statement prepared and submitted for standard treatment measure as part Programmatic agreement (PA) for 9 East 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 type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09009C0534J, Revised July 8, 2013 indicates the project site at 9 East 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. 8 Step decision making process completed by CT DOH.
3. Wetland Protection [58.5 (b)]	<input 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 wetlands adjacent to the project site. 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> . Project activities will not affect mapped wetlands. Onsite Soil Wetlands investigation completed identifying Inland Wetlands and Tidal Wetlands present onsite. Report included as attachment 4 Project activities will not occur in wetland soil areas. 8 Step decision making process completed by CT DOH.
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 9 East Avenue, Milford, CT is located inside a Coastal Boundary Zone. See attachment 5 for map documentation. Project is consistent with Coastal Management

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.
							Act. 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>
5. Water Quality – Aquifers [58.5(d)] [40 CFR 149]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	On site water and sewer facilities are not included in rehabilitation work for 9 East Avenue, Milford, CT. Connecticut DEEP Bureau of Water Protection and Land Reuse map titled 'Connecticut Aquifer Protection Areas' dated August 1, 2016 does not identify aquifer protection areas in the City of Milford Connecticut near the project site. See attachment 6 for documentation.
6. Endangered Species [58.5(e)] [16 U.S.C. 1531 et seq.]	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project is located inside mapped Natural Diversity Data Base (NDDB) areas from CT DEEP. See attachment 7A 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 7B. Residential construction at project site will not effect the three (2) threatened Species or 24 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(j)]	<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 (j)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The residential structure at 9 East Avenue, Milford, CT is located outside the Runway Clear Zone of Tweed/New Haven Commercial Airport.
10 D. Toxic Sites [58.5 (j)(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 9 East Avenue, Milford, CT is,

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.
							<ol 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 Comprehensive Environmental Response and Compensation Liability Act (CERCLA) site;</li> <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 checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The rehabilitation work at the project site, 9 East 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 8 for the 2016 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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09009C0534J, Revised July 8, 2013 indicates the project site at 9 East 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 as a condition of receiving CDBG-DR OORR assistance.
12 B. Coastal Barriers [58.6(c)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project at 9 East 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>

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.
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, 9 East Avenue, Milford, CT, are not expected to affect the capacities of solid waste disposal services.
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 type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Residential Structure at 9 East Avenue, Milford CT was built prior to 1978. The results of a Lead Paint Survey are included in attachment 10, 'Hazardous Material Inspection Report, 9 East Avenue, Milford CT', 28 December 2015, prepared by Facility Support Services, LLC. Lead based paint hazards identified in the survey will be abated or addressed with interim controls where appropriate.
13 D. Asbestos	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 10, 'Hazardous Material Inspection Report, 9 East Avenue, Milford CT', 28 December 2015, 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 construction of living space above grade with open space below, radon testing and mitigation is not applicable.
13 F. Mold	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" 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 10, 'Hazardous Material Inspection Report 9 East Avenue, Milford CT', 28 December 2015, 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 09009C0534J, Revised July 8, 2013 indicates the project site at 9 East 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 11 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.

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 C. Tidal Wetlands Act [CGS 22a-28 to 22a-35]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	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 adjacent to a Tidal Wetland Zone. See attachment 12 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> . Onsite Soil Wetlands investigation completed identifying Inland Wetlands and Tidal Wetlands present onsite. Report included as attachment 4 Project activities will not occur in tidal wetland soil areas.
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 activities have been reviewed by the City of Millford Inland Wetlands and Watercourses Department. See Attachment 13 for review letter.
14 E. Various municipal zoning approvals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	Rehabilitation activities at the project site will need review by City of Millford Building Department for issuance of required building permit. Zoning variance obtained for project see attachment 14 for Zoning Board of Appeals approval letter.

**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

11/20/2016

Responsible Entity or designee Signature:

Herma Delaire, CDBG-DR Program Manager

Date



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Attachment 1 – Checklist Item # 1 Documentation – CT SHPO Determination Statement



Department of Economic and  
Community Development

Connecticut  
still revolutionary

*Adverse effect*

1183  
JO

June 20, 2016

received  
6-24-16

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

Subject: 9 East Avenue  
Milford, CT *Hoyt*

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 9 East Avenue appears to be eligible for listing on the National Register of Historic Places as a contributing resource to a potential historic district. SHPO understands that the Department of Housing will fund the elevation and new foundation of the subject property. SHPO has no objection to the proposed undertaking, but the proposed elevation of 9 East Avenue will have an adverse effect on the state's cultural resources.

The State Historic Preservation Office appreciates the opportunity to review and comment upon this project. These comments are provided in accordance with 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,

Catherine Labadia  
Deputy State Historic Preservation Officer

State Historic Preservation Office

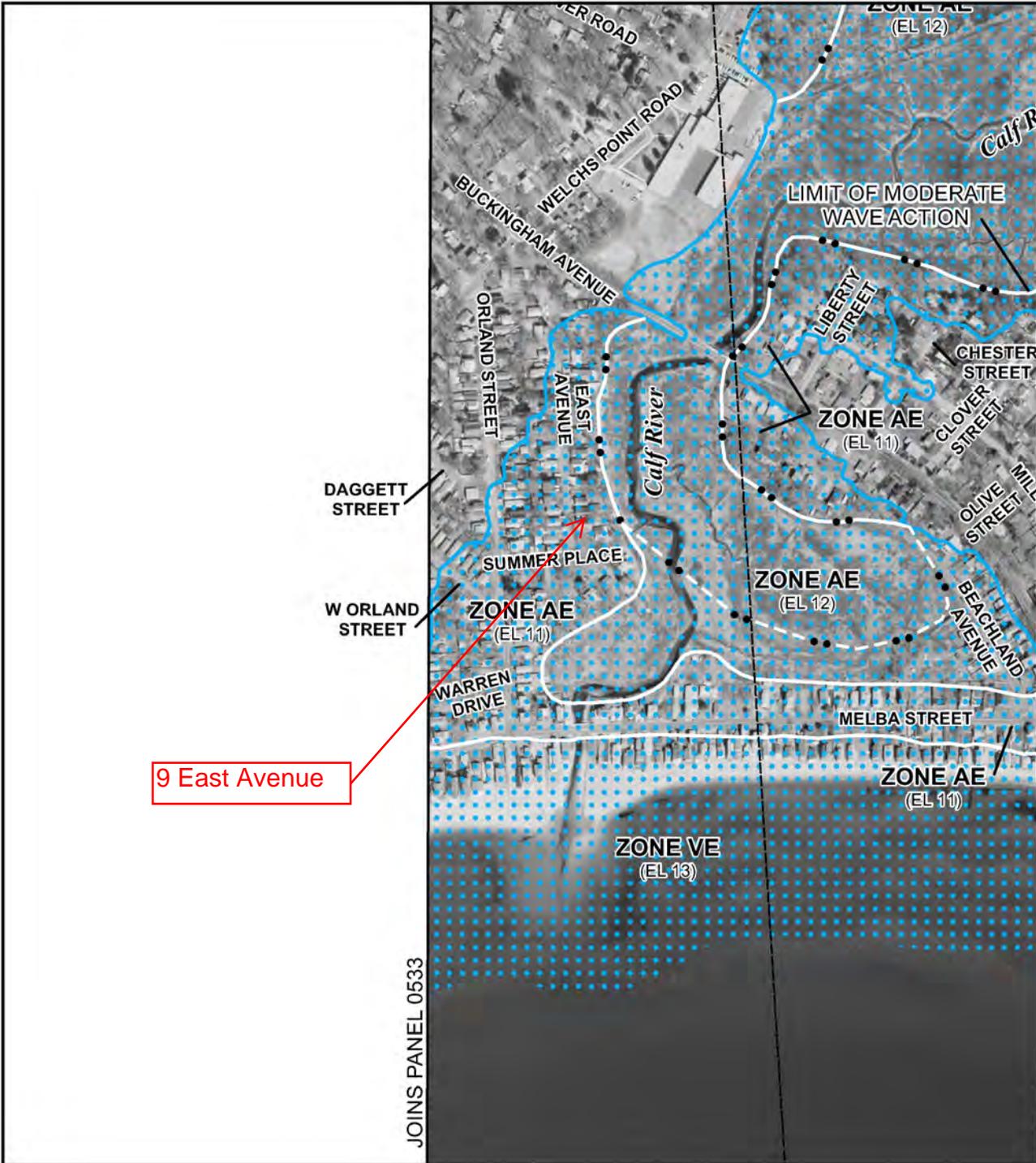
One Constitution Plaza | Hartford, CT 06103 | P: 860.256.2800 | [Cultureandtourism.org](http://Cultureandtourism.org)

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

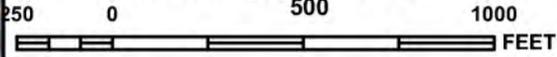


9 East Avenue

JOINS PANEL 0533



MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0534J

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

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

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
MILFORD, CITY OF	090082	0534	J

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



**MAP NUMBER**  
 09009C0534J  
**MAP REVISED**  
 JULY 8, 2013

Federal Emergency Management Agency

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



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Attachment 3 – Checklist Item 3 Documentation – Wetlands Protection

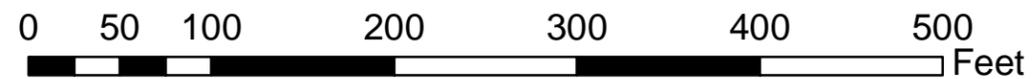
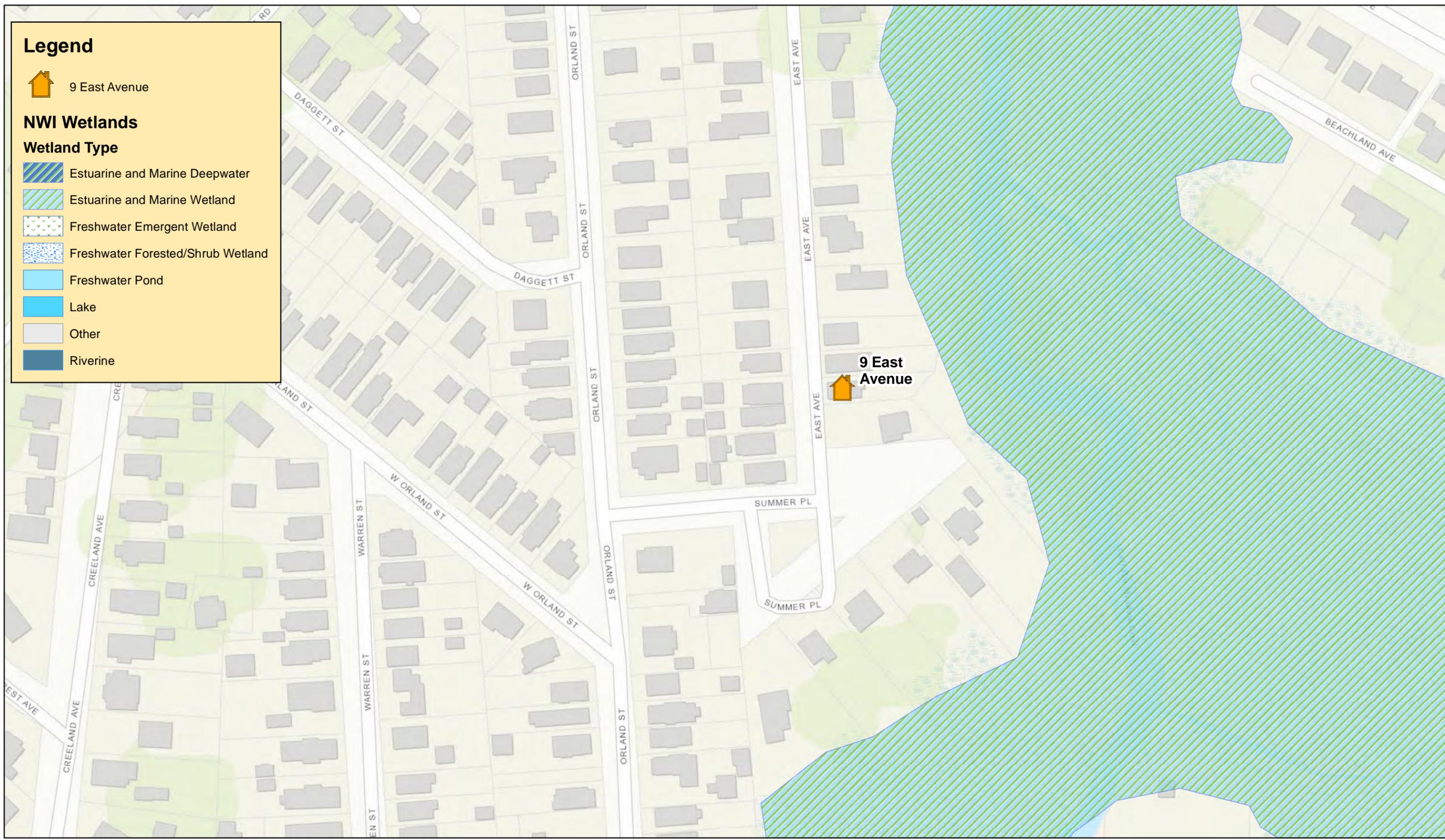
# Legend

 9 East 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





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Attachment 4 – Checklist Item 3 Documentation – Onsite Wetland Soil Investigation Report

# SOIL & ENVIRONMENTAL SERVICES, INC.

61 Plants Dam Road, East Lyme, CT 06333 860-739-6691 Fax 739-4150 soilinc@gmail.com

November 30, 2015.

Darin Lemire, PE, CPSWQ, CPESC  
MARTINEZ COUCH & ASSOCIATES, LLC  
1084 Cromwell Avenue, Suite A-2  
Rocky Hill, CT 06067

## **Project: 9 East Avenue, Milford, CT**

Dear Mr. Lemire:

In late November 2015, we conducted an on-site soils and wetlands investigation on the above referenced site.

The purpose of this investigation was to delineate wetlands and watercourse boundaries on the subject site under CT soils criteria and under CT tidal wetland regulations. Our literature review prior to the field investigation included: NRCS Web Soil Survey, Soil Taxonomy (USDA Handbook 436, 1975, Rev 1999), CTDEEP Long Island Sound Program information (Rev.), available maps from your office, and Town webpage maps. A number of soil borings were dug to a depth of 2-4 feet to conduct this study.

The flag series was as follows.

### **TABLE #1- FLAG NUMBERS & WETLAND DESIGNATIONS**

<b><u>FLAG #</u></b>	<b><u>WETLAND DESIGNATION</u></b>
#1 - 5, 5A - 7	CT Tidal Wetlands & CT Inland Wetlands

## SOIL & ENVIRONMENTAL SERVICES, INC.

---

2 – 9 East Avenue, Milford, CT

The soils within the project area were as follows.

### Upland soils:

- 306 Udorthents-Urban Land complex - moderately well drained to well drained soils that have been cut, filled, or regraded. Udorthents are disturbed soils where the upper part of the original soil has been removed or filled due to construction, grading or building activity. Urban Land is more than 85% covered by asphalt or buildings. Most of the subject area was Udorthents soils.

### Tidal and Inland wetland soils:

- 98 Westbrook Mucky Peat - frequently flooded, very poorly drained, wetland soil. Classified as loamy Terric Sulphemists that occur in tidal areas. The soil profile to about 45 inches is a black to dark gray mucky peat (Oe horizons). The substratum (C horizon) is a gray silt loam. The water table is usually at the surface in Westbrook soils.
- 307 Aquents - poorly drained, inland wetland soil. Disturbed soil profile. The water table is usually at 6-12 inches from surface.

Please contact us if there are any questions.

Sincerely,

*Martina Castanho*

Certified Professional Soil Scientist #2302 (SSSA)  
Professional Soil Scientist Member (SSSSNE)

*Donald J. Fortunato*

Certified Professional Soil Scientist #2278 (SSSA)  
Professional Soil Scientist Member (SSSSNE)

**CJL Elevations in NAVD88 (includes land up to and including referenced elevations)**

<b>Long Island Sound</b>		<b>Connecticut River</b>		<b>Housatonic River</b>	
Greenwich	5.5'	Old Lyme	2.9'	Stratford	5.0'
Stamford	5.5'	Old Saybrook	2.9'	Milford	5.1'
Darien	5.5'	Lyme	2.9'	Shelton	5.4'
Norwalk	5.4'	Essex	2.8'	Orange	5.4'
Westport	5.3'	Deep River	2.9'	Ansonia	5.4'
Fairfield	5.2'	Chester	2.9'	Derby	5.4'
Bridgeport	5.0'	East Haddam	3.0'		
Stratford*	4.8'	Haddam	3.0'		
Milford*	4.7'	East Hampton	3.0'	<b>Thames River</b>	
Orange*	4.7'	Middletown	3.1'	New London	2.1'
West Haven	4.6'	Portland	3.3'	Groton	2.1'
New Haven	4.6'	Cromwell	3.3'	Waterford	2.2'
Hamden	4.6'	Rocky Hill	3.4'	Ledyard	2.3'
North Haven	4.6'	Glastonbury	3.5'	Montville	2.3'
East Haven	4.5'	Wethersfield	3.6'	Preston	2.3'
Branford	4.3'	East Hartford	3.8'	Norwich	2.4'
Guilford	4.0'	Hartford	3.8'		
Madison	3.7'	South Windsor	3.9'		
Clinton	3.4'	Windsor	3.9'		
Westbrook	3.2'	East Windsor	15.0'		
Old Saybrook*	2.9'	Windsor Locks	15.0'		
Old Lyme*	2.6'	Suffield	40.5'		
East Lyme	2.3'	Enfield	40.5'		
Waterford*	2.1'				
Groton*	2.0'				
<b>Stonington</b>	<b>2.0'</b>				

\*Municipalities with multiple CJL elevations

In addition, please refer to the maps of the geographical boundary between Long Island Sound and the [Connecticut River](#), [Thames River](#), or [Housatonic River](#).

**Tidal Wetlands**...Sec. 22a-29. (Formerly Sec. 22-7i). Definitions. The following words/phrases, as used in sections 22a-28 to 22a-35, shall have the following meanings:

(1) "Commissioner" means the Commissioner of Environmental Protection;

(2) "Wetland" means those areas which border on or lie beneath tidal waters, such as, but not limited to banks, bogs, salt marsh, swamps, meadows, flats, or other low lands subject to tidal action, including those areas now or formerly connected to tidal waters, and whose surface is at or below an elevation of one foot above local extreme high water; *and upon which may grow or be capable of growing some*, but not necessarily all, of the following:

Salt meadow grass (*Spartina patens*), spike grass (*Distichlis spicata*), black grass (*Juncus gerardi*), saltmarsh grass (*Spartina alterniflora*), saltworts (*Salicornia Europaea*, and *Salicornia bigelovii*), sea lavender (*Limonium carolinianum*), saltmarsh bulrushes (*Scirpus robustus* and *Scirpus paludosus* var. *atlanticus*), sand spurrey (*Spergularia marina*), switch grass (*Panicum virgatum*), tall cordgrass (*Spartina pectinata*), high-tide bush (*Iva frutescens* var. *oraria*), cattails (*Typha angustifolia*, and *Typha latifolia*), spike rush (*Eleocharis rostellata*), chairmaker's rush (*Scirpus americana*), bent grass (*Agrostis palustris*), and sweet grass (*Hierochloa odorata*), royal fern (*Osmunda regalis*), interrupted fern (*Osmunda claytoniana*), cinnamon fern (*Osmunda cinnamomea*), sensitive fern (*Onoclea sensibilis*), marsh fern (*Dryopteris thelypteris*), bur-reed family (*Sparganium eurycarpum*, *Sparganium androcladum*, *Sparganium americanum*, *Sparganium chlorocarpum*, *Sparganium angustifolium*, *Sparganium fluctuans*, *Sparganium minimum*), horned pondweed (*Zannichellia palustris*), water-plantain (*Alisma triviale*), arrowhead (*Sagittaria subulata*, *Sagittaria graminea*, *Sagittaria eatoni*, *Sagittaria engelmanniana*), wild rice (*Zizania aquatica*), tuckahoe (*Peltandra virginica*), water-arum (*Calla palustris*), skunk cabbage (*Symplocarpus foetidus*), sweet flag (*Acorus calamus*), pickerelweed (*Pontederia cordata*), water stargrass (*Heteranthera dubia*), soft rush (*Juncus effusus*), false hellebore (*Veratrum viride*), slender blue flag (*Iris prismatica* pursh), blue flag (*Iris versicolor*), yellow iris (*Iris pseudacorus*), lizard's tail (*Saururus cernuus*), speckled alder (*Alnus rugosa*), common alder (*Alnus serrulata*), arrow-leaved tearthumb (*Polygonum sagittatum*), halberd-leaved tearthumb (*Polygonum arifolium*), spatterdock (*Nuphar variegatum* *nuphar advena*), marsh marigold (*Caltha palustris*), swamp rose (*Rosa palustris*), poison ivy (*Rhus radicans*), poison sumac (*Rhus vernix*), red maple (*Acer rubrum*), jewelweed (*Impatiens capensis*), marshmallow (*Hibiscus palustris*), loosestrife (*Lythrum alatum*, *lythrum salicaria*), red osier (*Cornus stolonifera*), red willow (*Cornus amomum*), silky dogwood (*Cornus obliqua*), sweet pepper-bush (*Clethra alnifolia*), swamp honeysuckle (*Rhododendron viscosum*), high-bush blueberry (*Vaccinium corymbosum*), cranberry (*Vaccinium macrocarpon*), sea lavender (*Limonium nashii*), climbing hemp-weed (*Mikania scandens*), joe pye weed (*Eupatorium purpureum*), joe pye weed (*Eupatorium maculatum*), thoroughwort (*Eupatorium perfoliatum*);

(3) "Regulated activity" means any of the following: Draining, dredging, excavation, or removal of soil, mud, sand, gravel, aggregate of any kind or rubbish from any wetland or the dumping, filling or depositing thereon of any soil, stones, sand, gravel, mud, aggregate of any kind, rubbish or similar material, either directly or otherwise, and the erection of structures, driving of pilings, or placing of obstructions, whether or not changing the tidal ebb and flow. Notwithstanding the foregoing, "regulated activity" shall not include activities conducted by, or under the authority of, the Department of Environmental Protection for the purposes of mosquito control, conservation activities of the state Department of Environmental Protection, the construction or maintenance of aids to navigation which are authorized by governmental authority and the emergency decrees of any duly appointed health officer of a municipality acting to protect the public health.....

## SOIL & ENVIRONMENTAL SERVICES, INC.

---

### **Martina A. Castanho – Soil Scientist, CT LEP**

Certified Professional Soil Scientist #2302 (SSSA)  
Professional Soil Scientist Member (SSSSNE)  
CT Licensed Environmental Professional (LEP #236)

BS Natural Resources, University of Rhode Island, 1978.  
[Thirty-seven years experience](#)

#### Experience:

Five years Soil Conservationist and Soil Scientist, USDA-NRCS (SCS).  
Three years Environmental Scientist, US EPA,  
SES, Inc. – President, Soil Scientist, CTLEP. Twenty-five years - soil investigations, wetland delineations, Phase I, II, II Environmental Assessments, soil and water sampling, contaminated site remediation, and permeability testing.

### **Donald J. Fortunato – Soil Scientist, CT LEP**

Certified Professional Soil Scientist #2278 (SSSA)  
Professional Soil Scientist Member (SSSSNE)  
CT Licensed Environmental Professional (LEP #235)

BS Environmental Science, Stockton State College, 1975. Graduate study in soil science, Rutgers University 1977-78.  
[Forty years experience](#)

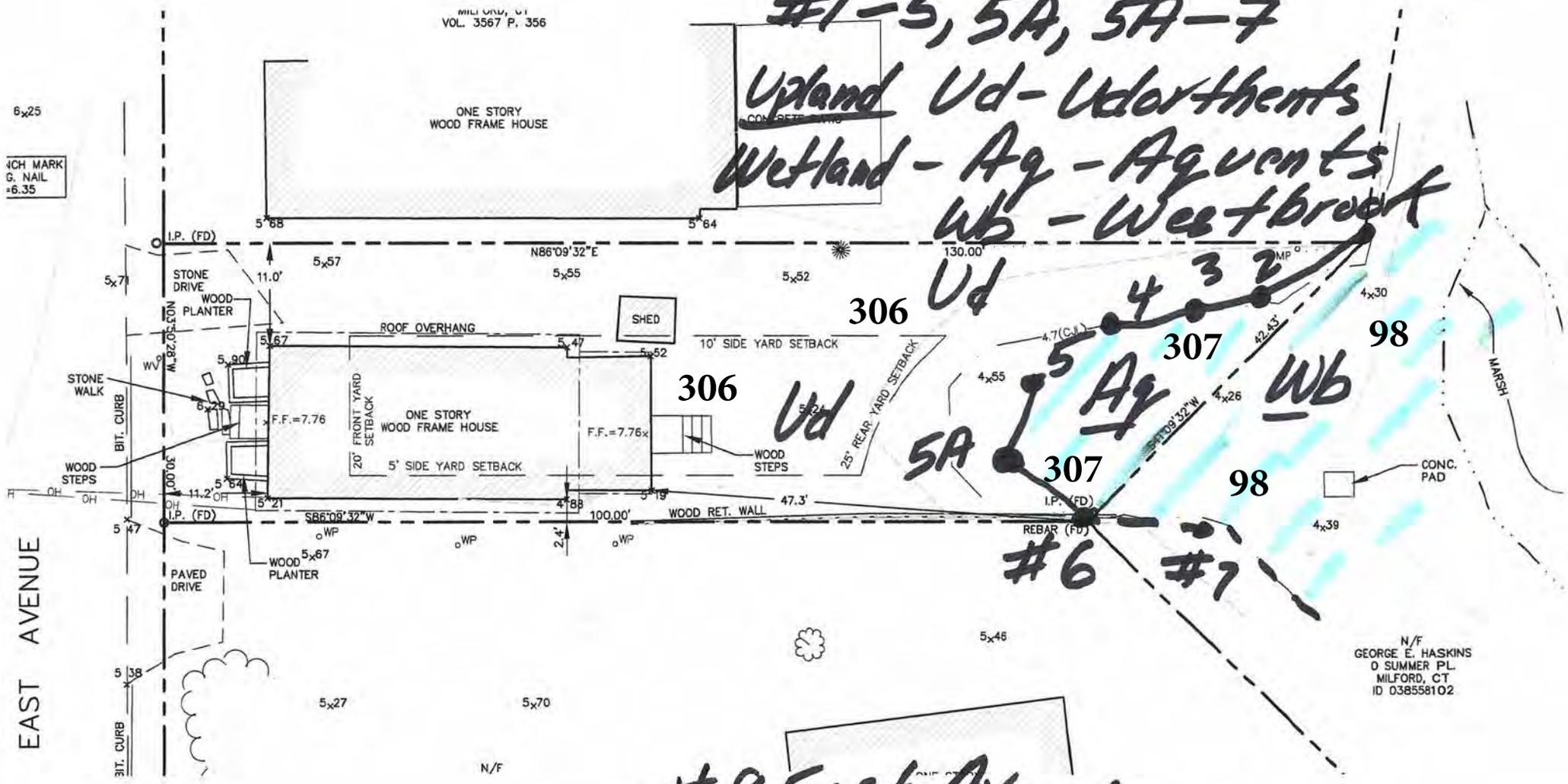
#### Experience:

Nine years District Conservationist, Soil Conservationist, USDA-NRCS (SCS).  
SES, Inc. - Twenty-seven years SES Soil Scientist, soil investigations, wetland delineations, soil and water sampling, Phase I, II, II Environmental Assessments, contaminated site remediation, and soil permeability testing.

# Inland & Tidal Wetlands

White wire & pink flags  
 #1-5, 5A, 5A-7

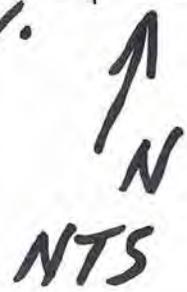
Upland Ud - Udorthents  
 Wetland - Ag - Aquents  
 Wb - Westbrook



N/F  
 GEORGE E. HASKINS  
 0 SUMMER PL.  
 MILFORD, CT  
 ID 038558102

EAST AVENUE

#9 East Av.



- 98- Westbrook Mucky Peat, frequently flooded, very poorly drained, **wetland**
- 307 - Aquents, poorly drained, wetland soil
- 306 - Udorthents-Urban Land complex, upland soil



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Attachment 5 – Checklist Item 4 Documentation – Coastal Management Zone

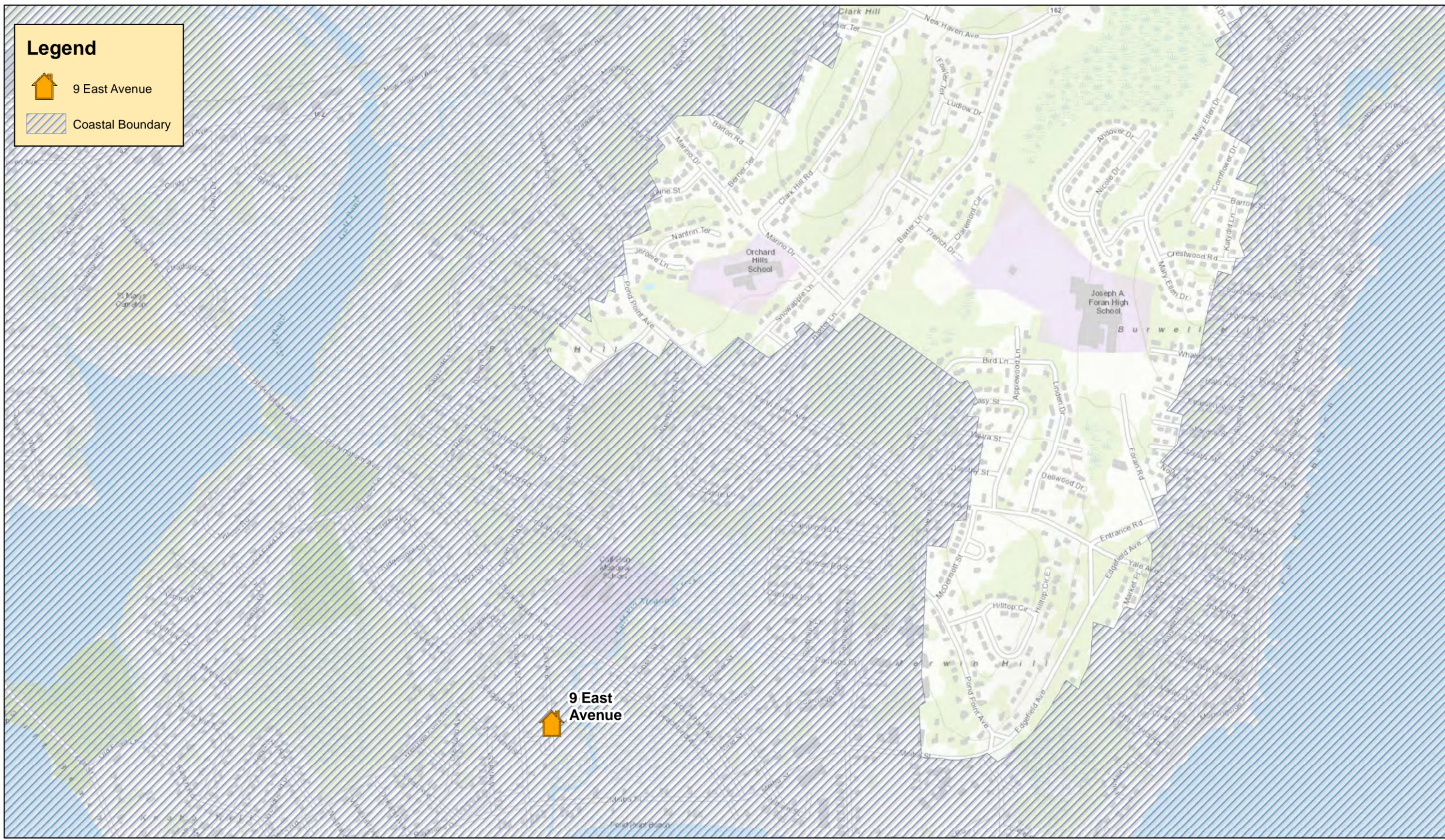
**Legend**



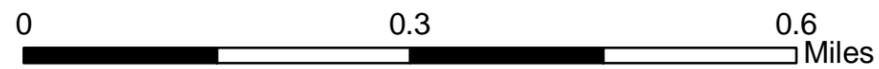
9 East Avenue



Coastal Boundary



 **9 East Avenue**





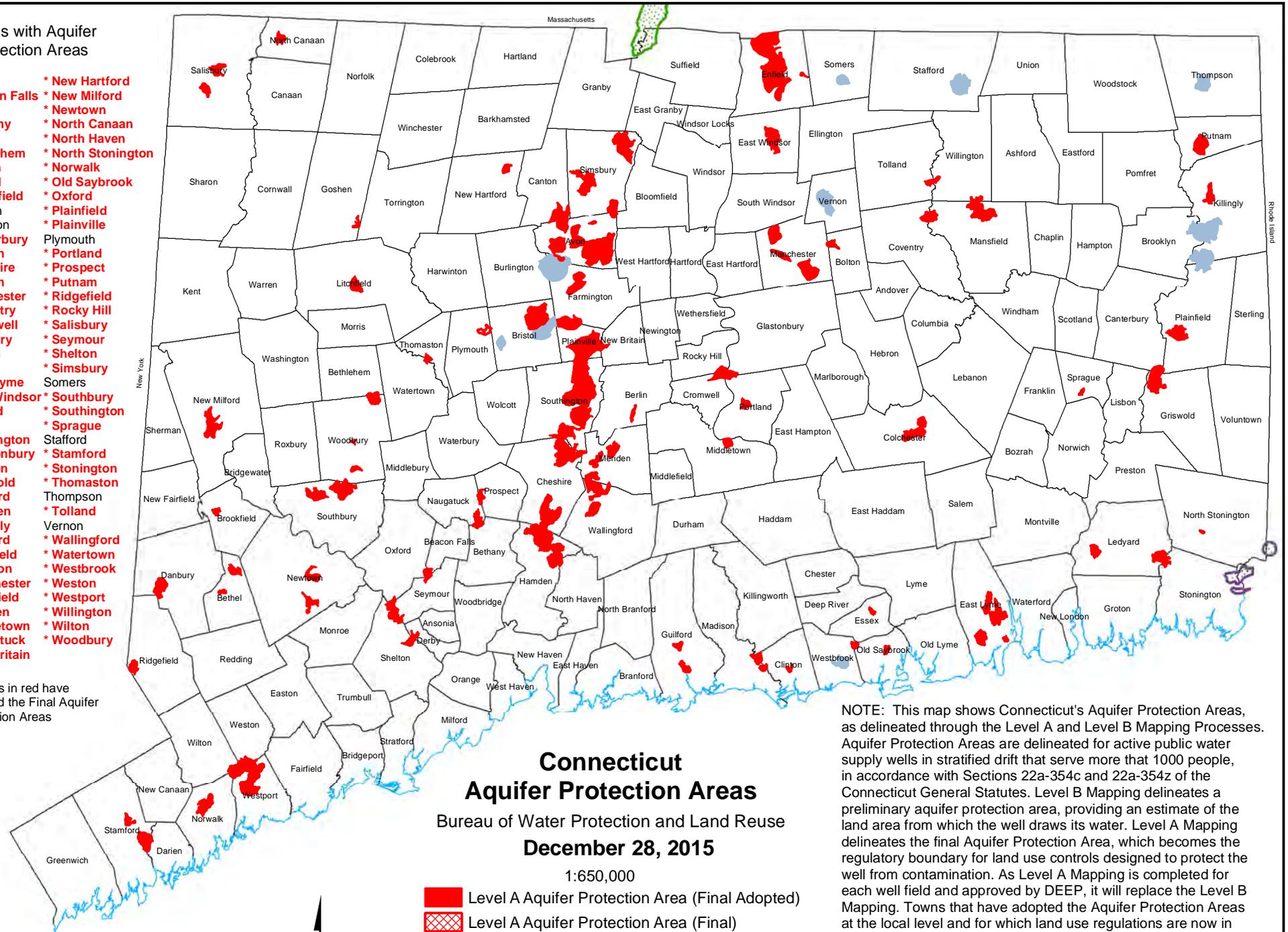
1084 Cromwell Avenue Suite, A-2  
Rocky Hill, CT 06067  
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Fax: 860-436-4626  
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Attachment 6 – Checklist Item 5 Documentation – Water Quality – Aquifers

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

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



**Connecticut  
Aquifer Protection Areas**

Bureau of Water Protection and Land Reuse

**December 28, 2015**

1:650,000

- Level A Aquifer Protection Area (Final Adopted)
- Level A Aquifer Protection Area (Final)
- Level B Aquifer Protection Area (Preliminary)
- Massachusetts Wellhead Protection Area
- Rhode Island Wellhead Protection Area

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. Wellhead protection areas in Massachusetts and Rhode Island are shown for informational purposes only.

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



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



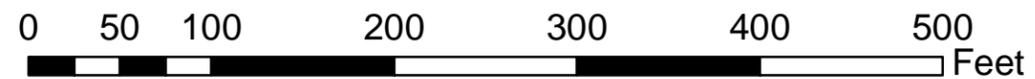
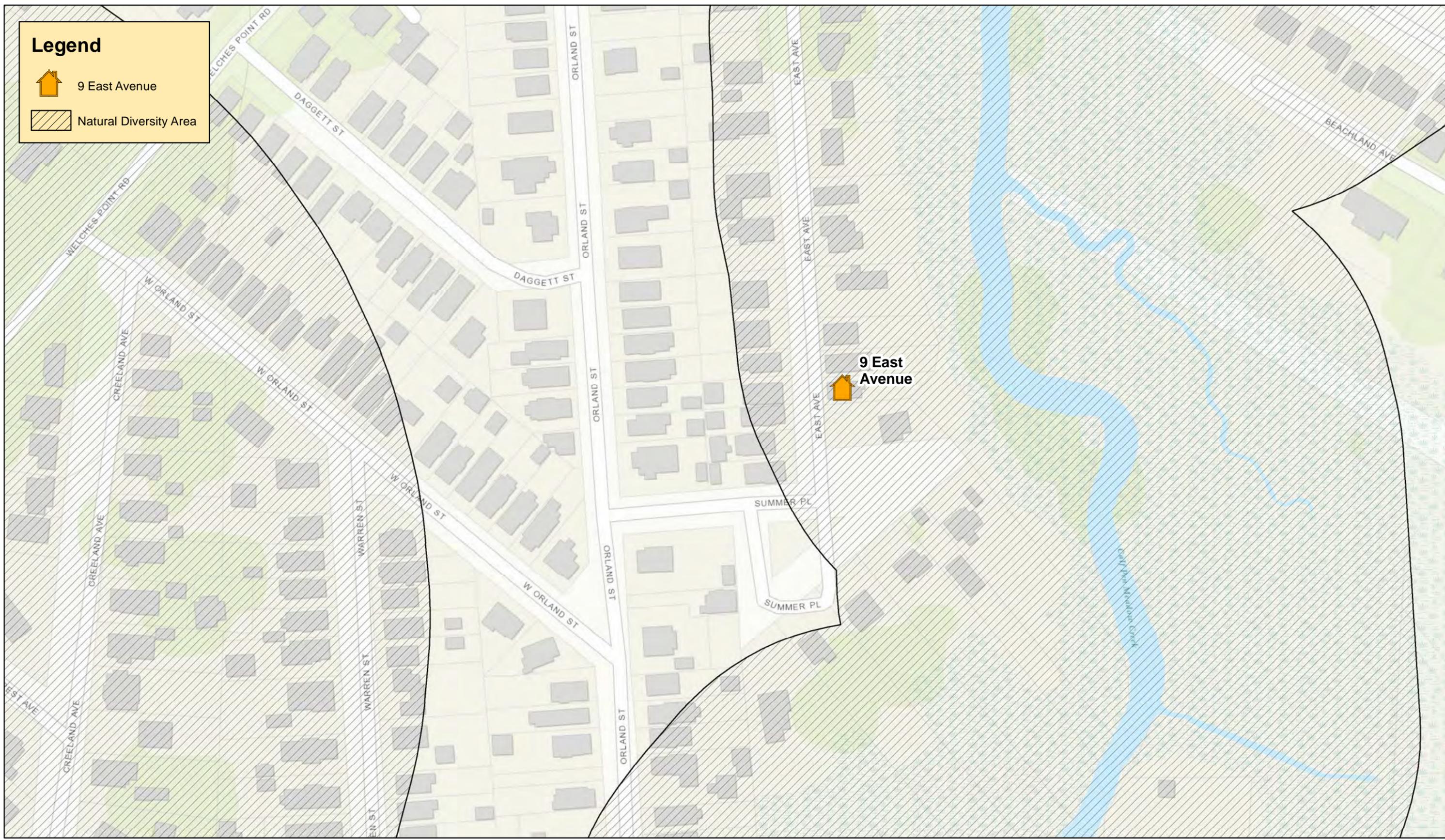


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Attachment 7A – Checklist Item 6 Documentation – Natural Diversity Data Base and Endangered Species

**Legend**

-  9 East Avenue
-  Natural Diversity Area





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Attachment 7B – Checklist Item 6 Documentation – USFWS IPaC List

# 1183 - 9 East Avenue

## *IPaC Trust Resources Report*

Generated October 14, 2016 11:52 AM MDT, IPaC v3.0.9

This report is for informational purposes only and should not be used for planning or analyzing project level impacts. For project reviews that require U.S. Fish & Wildlife Service review or concurrence, please return to the IPaC website and request an official species list from the Regulatory Documents page.



# Table of Contents

- IPaC Trust Resources Report ..... [1](#)
- Project Description ..... [1](#)
- Endangered Species ..... [2](#)
- Migratory Birds ..... [3](#)
- Refuges & Hatcheries ..... [6](#)
- Wetlands ..... [7](#)

U.S. Fish & Wildlife Service

# IPaC Trust Resources Report



NAME

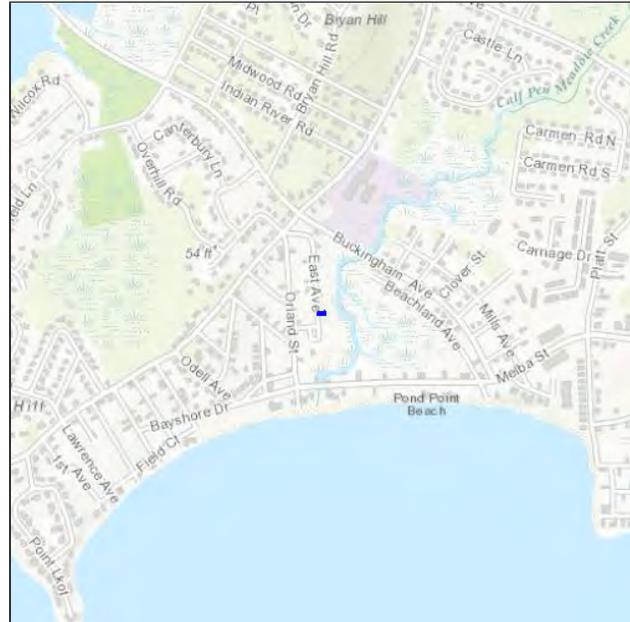
1183 - 9 East Avenue

LOCATION

New Haven County, Connecticut

IPAC LINK

[https://ecos.fws.gov/ipac/project/  
FJHN2-6QLPZ-HITFR-LFNQO-TSNTEI](https://ecos.fws.gov/ipac/project/FJHN2-6QLPZ-HITFR-LFNQO-TSNTEI)



## U.S. Fish & Wildlife Service Contact Information

Trust resources in this location are managed by:

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

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

## Endangered Species

Proposed, candidate, threatened, and endangered species are managed by the [Endangered Species Program](#) of the U.S. Fish & Wildlife Service.

**This USFWS trust resource report is for informational purposes only and should not be used for planning or analyzing project level impacts.**

For project evaluations that require USFWS concurrence/review, please return to the IPaC website and request an official species list from the Regulatory Documents section.

[Section 7](#) of the Endangered Species Act **requires** Federal agencies to "request of the Secretary information whether any species which is listed or proposed to be listed may be present in the area of such proposed action" for any project that is conducted, permitted, funded, or licensed by any Federal agency.

**A letter from the local office and a species list which fulfills this requirement can only be obtained by requesting an official species list either from the Regulatory Documents section in IPaC or from the local field office directly.**

The list of species below are those that may occur or could potentially be affected by activities in this location:

### Birds

**Red Knot** *Calidris canutus rufa* Threatened

CRITICAL HABITAT

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

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=B0DM](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0DM)

### Mammals

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

CRITICAL HABITAT

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

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?sPCODE=A0JE](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=A0JE)

### Critical Habitats

**There are no critical habitats in this location**

## Migratory Birds

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

Any activity that results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish & Wildlife Service.<sup>[1]</sup> There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

Any person or organization who plans or conducts activities that may result in the take of migratory birds is responsible for complying with the appropriate regulations and implementing appropriate conservation measures.

---

1. 50 C.F.R. Sec. 10.12 and 16 U.S.C. Sec. 668(a)

Additional information can be found using the following links:

- Birds of Conservation Concern  
<http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php>
- Conservation measures for birds  
<http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php>
- Year-round bird occurrence data  
<http://www.birdscanada.org/birdmon/default/datasummaries.jsp>

The following species of migratory birds could potentially be affected by activities in this location:

<b>American Oystercatcher</b> <i>Haematopus palliatus</i>	Bird of conservation concern
On Land Season: Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0G8">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0G8</a>	
<b>American Bittern</b> <i>Botaurus lentiginosus</i>	Bird of conservation concern
On Land Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F3">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F3</a>	
<b>Bald Eagle</b> <i>Haliaeetus leucocephalus</i>	Bird of conservation concern
On Land Season: Year-round <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B008">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B008</a>	
<b>Black Skimmer</b> <i>Rynchops niger</i>	Bird of conservation concern
On Land Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0EO">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0EO</a>	

<b>Black-billed Cuckoo</b> <i>Coccyzus erythrophthalmus</i> On Land Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HI">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HI</a>	Bird of conservation concern
<b>Blue-winged Warbler</b> <i>Vermivora pinus</i> On Land Season: Breeding	Bird of conservation concern
<b>Canada Warbler</b> <i>Wilsonia canadensis</i> On Land Season: Breeding	Bird of conservation concern
<b>Fox Sparrow</b> <i>Passerella iliaca</i> On Land Season: Wintering	Bird of conservation concern
<b>Hudsonian Godwit</b> <i>Limosa haemastica</i> At Sea Season: Migrating	Bird of conservation concern
<b>Least Bittern</b> <i>Ixobrychus exilis</i> On Land Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B092">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B092</a>	
<b>Least Tern</b> <i>Sterna antillarum</i> On Land Season: Breeding	Bird of conservation concern
<b>Peregrine Falcon</b> <i>Falco peregrinus</i> On Land Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FU">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FU</a>	Bird of conservation concern
<b>Pied-billed Grebe</b> <i>Podilymbus podiceps</i> On Land Season: Year-round	Bird of conservation concern
<b>Prairie Warbler</b> <i>Dendroica discolor</i> On Land Season: Breeding	Bird of conservation concern
<b>Purple Sandpiper</b> <i>Calidris maritima</i> On Land Season: Wintering	Bird of conservation concern
<b>Rusty Blackbird</b> <i>Euphagus carolinus</i> On Land Season: Wintering	Bird of conservation concern
<b>Saltmarsh Sparrow</b> <i>Ammodramus caudacutus</i> On Land Season: Breeding	Bird of conservation concern
<b>Seaside Sparrow</b> <i>Ammodramus maritimus</i> On Land Season: Year-round	Bird of conservation concern
<b>Short-eared Owl</b> <i>Asio flammeus</i> On Land Season: Wintering <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HD">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HD</a>	Bird of conservation concern
<b>Snowy Egret</b> <i>Egretta thula</i> On Land Season: Breeding	Bird of conservation concern
<b>Upland Sandpiper</b> <i>Bartramia longicauda</i> On Land Season: Breeding <a href="http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HC">http://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HC</a>	Bird of conservation concern

**Willow Flycatcher** *Empidonax traillii*

On Land Season: Breeding

[http://ecos.fws.gov/tess\\_public/profile/speciesProfile.action?scode=B0F6](http://ecos.fws.gov/tess_public/profile/speciesProfile.action?scode=B0F6)

Bird of conservation concern

**Wood Thrush** *Hylocichla mustelina*

On Land Season: Breeding

Bird of conservation concern

**Worm Eating Warbler** *Helmitheros vermivorum*

On Land Season: Breeding

Bird of conservation concern

## Wildlife refuges and fish hatcheries

**There are no refuges or fish hatcheries in this location**

# Wetlands in the National Wetlands Inventory

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

For more information please contact the Regulatory Program of the local [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.

**There are no wetlands in this location**



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Attachment 8 – Checklist Item 11 Documentation – Environmental Justice

2016 Distressed Municipalities List  
8/23/2016

**2016 Distressed Municipalities**

Ranked by Score

	Total Scores	
New London	1427	1
Ansonia	1406	2
Waterbury	1406	3
New Britain	1365	4
Hartford	1339	5
Derby	1325	6
Putnam	1311	7
Bridgeport	1305	8
West Haven	1277	9
Meriden	1273	10
East Hartford	1272	11
Norwich	1257	12
Bristol	1254	13
Naugatuck	1242	14
Windham	1236	15
Torrington	1232	16
Enfield	1211	17
Sprague	1211	18
Griswold	1203	19
Montville	1185	20
New Haven	1177	21
East Haven	1176	22
Plymouth	1164	23
Plainfield	1158	24
Killingly	1155	25

**2016 Distressed Municipalities**

In town alphabetical order

	Total Scores	
Ansonia	1406	2
Bridgeport	1305	8
Bristol	1254	13
Derby	1325	6
East Hartford	1272	11
East Haven	1176	22
Enfield	1211	17
Griswold	1203	19
Hartford	1339	5
Killingly	1155	25
Meriden	1273	10
Montville	1185	20
Naugatuck	1242	14
New Britain	1365	4
New Haven	1177	21
New London	1427	1
Norwich	1257	12
Plainfield	1158	24
Plymouth	1164	23
Putnam	1311	7
Sprague	1211	18
Torrington	1232	16
Waterbury	1406	3
West Haven	1277	9
Windham	1236	15



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

Attachment 9 – Checklist Item 12B Documentation – Coastal Barrier Resource System

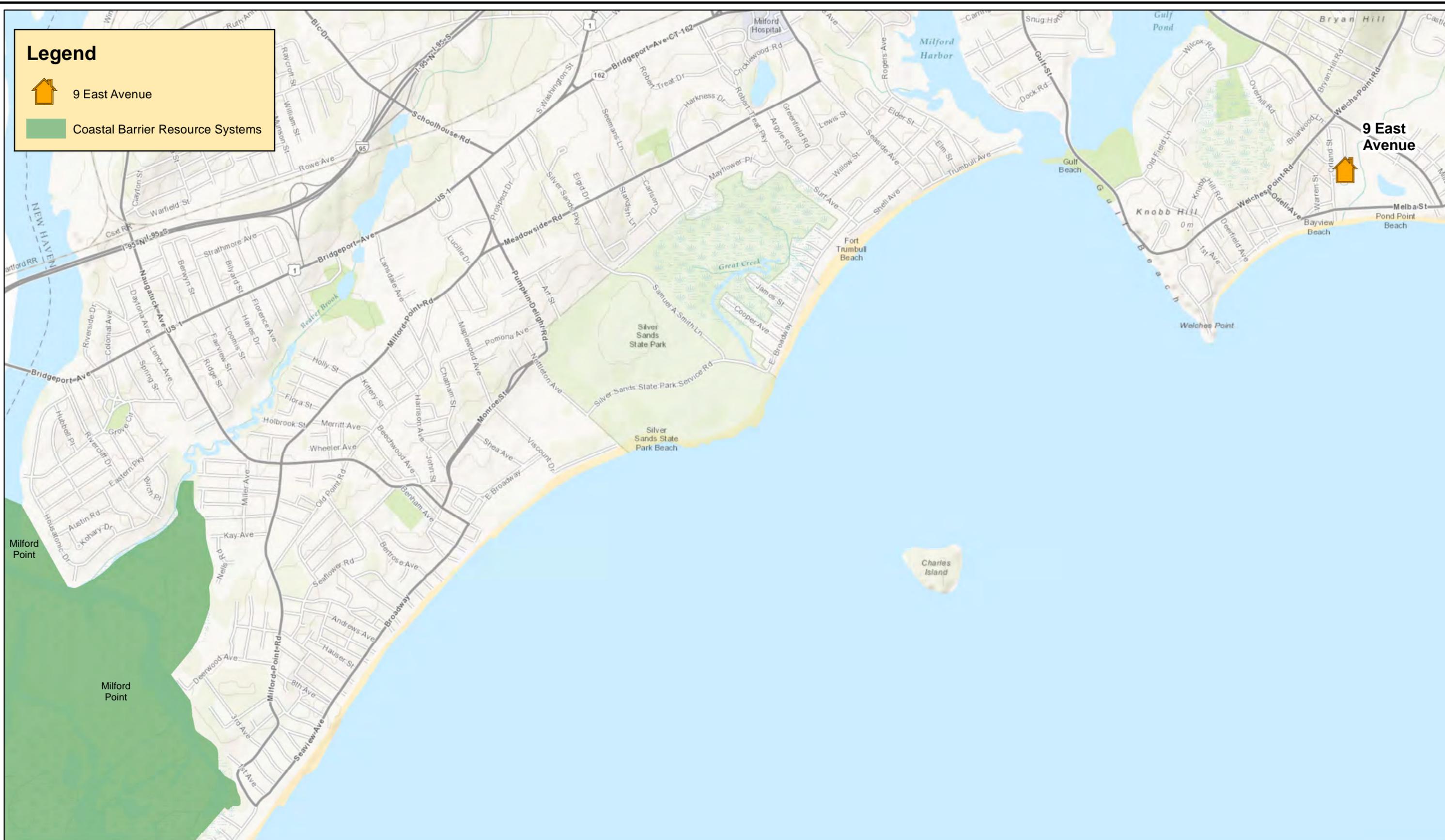
# Legend



9 East Avenue



Coastal Barrier Resource Systems



Milford Point

Milford Point

9 East Avenue





1084 Cromwell Avenue Suite, A-2  
Rocky Hill, CT 06067  
Tel: 860-436-4364  
Fax: 860-436-4626  
[www.martinezcouch.com](http://www.martinezcouch.com)

Attachment 10 – Checklist Item 13C, 13D, 13E, and 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**

**Applicant No. 1183**

**9 East 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

December 28, 2015

## **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.



---

Michael DiFabio  
CTDPH Asbestos Inspector #000898

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## 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 Laboratory 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 9 East Avenue in Milford, Connecticut (the “Site”). The purpose of this inspection was to identify the presence of asbestos, PCBs, 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. FSS did not perform radon testing due to the proposed raising of the residence above grade to accommodate flood levels.

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 December 11, 2015. Testing for total spores in air was conducted for the following areas of 9 East Avenue in Milford, Connecticut to identify concerns with indoor air quality related to mold and fungi:

- Living Room/Kitchen Line
- Outside of House

The outside ambient air sample is intended to provide a background reference compared to the inside spore quantity (collected from a location in the front yard). Mr. Michael DiFabio 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. FSS did not observe any mold or signs of mold during the time of inspection.

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**  
**9 East Avenue, Milford, Connecticut**

Sample Number & Location	Raw Count	Total Fungi (Count/m <sup>3</sup> )	Spore Types Present
222141211-1183 MS1 Living Room/Kitchen Line	Overloaded	Overloaded	Alternaria, Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Ganoderma, Myxomycetes/Periconia/Smut, Pithomyces <b>*Spore types are present but not quantifiable*</b>
222141211-1183 MS2 Outside	45	930	Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Ganoderma, Myxomycetes/Periconia/Smut, Rust

Analytical results indicate that the sample from inside the residence (MS1) was overloaded with background particulates; therefore, spore types could not be quantified. The suite of mold spores labeled “present” in the interior sample versus the quantified spores in the outdoor sample is similar. The primary quantified mold species were Cladosporium for the outside sample.

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.

### **III. Asbestos**

FSS conducted a limited scope asbestos inspection and bulk sampling on December 11, 2015 of suspect building materials that are proposed for renovations. The inspection was conducted by Michael DiFabio, a State of Connecticut licensed Asbestos Inspector. Mr. DiFabio's Connecticut Asbestos Inspectors/Management Planner license is provided in Appendix B.

The following suspect materials were indentified during the inspection:

- Yellow Insulation
  - Attic
- Sheetrock
  - Rear Addition North Wall
  - Rear Addition Bathroom North Wall
- Joint Compound
  - Rear Addition Bathroom North Wall
- Exterior Caulling
  - Exterior Joint Between House and Rear Addition
- White Insulation
  - Crawl Space
- White Insulation Backing Paper
  - Crawl Space
- Top Layer Shingles
  - Main Roof
- 2<sup>nd</sup> Layer Shingles –Worn w/ White Specks
  - Main Roof
- 3<sup>rd</sup> Layer Shingles – White and Red Specks
  - Main Roof
- Bottom Layer Shingles – Gray and Red Specks
  - Main Roof
- Shingles
  - Rear Addition
- Water & Ice Shield Underlayment
  - Rear Addition

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.

- PCB-01
  - Exterior Caulking – Between House and Rear Addition
- PCB-02
  - White Insulation Backing Paper
- PCB-03
  - Main Roof Shingles
- PCB-04
  - 2<sup>nd</sup> Layer Main Roof Shingles – Weathered w/ White Specks
- PCB-05
  - 3rd Layer Main Roof Shingles – White and Red Specks
- PCB-06
  - Bottom Layer Main Roof Shingles – Red and Gray Specks
- PCB-07
  - Top Layer Rear Addition Shingles
- PCB-08
  - Water & Ice Shield Underlayment – Rear Addition

Copies of the laboratory analytical results can be found in Attachment D of this report.

**Laboratory results have revealed that the PCB content of the tested materials are below the 1 ppm required to confirm a material is regulated for PCBs.**

#### **V. Lead**

The subject residential structure was built prior to 1978 (in 1925) 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 RMD LPA-1 X-Ray Fluoroscope Spectrum Analyzer. Appendix E contains the Lead Inspection Report. The findings of the investigation determined several areas tested positive for lead based paint ( $>1.0 \text{ mg/cm}^2$ ):

- Front Porch
  - Floor
  - Wall
  - Door Casing
  - Window Sill
  - Window Trim
  - Door
- Living Room
  - Door Casing (Sides 1,3)
  - Wall (Sides 1,2,3,4)
  - Window Sill (Sides 1,2,4)
  - Window Trim (Sides 1,2,3)
  - Ceiling
- Bedroom
  - Door Jamb
  - Wall (Sides 1,2,4)
  - Window Trim
  - Window Sill
  - Ceiling
- Kitchen
  - Door Casing
  - Wall (Sides 1,2,4)
  - Ceiling
  - Cabinet –Upper
  - Cabinet – Lower
  - Window Trim
- Pantry
  - Door Casing
  - Wall (Sides 1,2,3,4)
  - Ceiling
  - Window Trim
  - Window Sill
- Exterior
  - Wall – Upper (Side 2,4)

- Wall – Addition/Home Joint (Side 2)
- Overhang – Purple
- Window Trim (Side 2)
- Window Sill (Side 2)

#### 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. Non-intact lead containing materials have been identified as the following:

- Front Porch
  - Floor
- Exterior
  - Wall – Addition/Home Joint (Side 2)

#### 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.

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

**PCBs** - No suspected PCB-containing materials were identified in proposed renovation materials. No further investigations or special disposal requirements (for PCBs) are required for this project.

**Mold** - Mold sampling and analysis are inconclusive in respect to determining whether accelerated mold growth has occurred within the residence. A few reasons can attribute to the “overloading” of the sampling cassette including, but not limited to, the home owner smoking within the residence, non-visible airborne particulate matter, etc. FSS did not observe any mold or signs of mold during the time of inspection. Based on the structure of the home, wood walls, floor, ceilings, uninsulated walls, visible framing, and no in accessible spaces, FSS does not consider the home to be contaminated with elevated levels of mold spores. If mold growth is observed during renovations to the structure it should be addressed immediately.

**Lead** - Following the HUD Lead-Safe Housing Guidelines, the non-intact areas should undergo interim measures to abate the hazard. The following areas were non-intact as well as testing positive:

- Front Porch
  - Floor
- Exterior
  - Wall – Addition/Home Joint (Side 2)

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: 241505390  
 Customer ID: FSS93  
 Customer PO: 22214  
 Project ID:

**Attn:** Michael DiFabio  
 Facility Support Services, LLC  
 2685 State Street  
 Hamden, CT 06517

Phone: (203) 288-1281  
 Fax: (203) 248-4409  
 Collected:  
 Received: 12/14/2015  
 Analyzed: 12/18/2015

**Proj:** 22214/ 9 East Ave

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

Lab Sample Number:	241505390-0001			241505390-0002			241505390-0003		
Client Sample ID:	222141211-1183 MS1			222141211-1183 MS2			222141211-1183 MS3		
Volume (L):	150			150			0		
Sample Location:	Living Room/ Kitchen line			Outside			Blank		
Spore Types	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total	Raw Count	Count/m <sup>3</sup>	% of Total
Alternaria	Present	Present	-	-	-	-	-	-	-
Ascospores	Present	Present	-	10	210	22.6	-	-	-
Aspergillus/Penicillium	Present	Present	-	1	20	2.2	-	-	-
Basidiospores	Present	Present	-	10	210	22.6	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	Present	Present	-	13	270	29	-	-	-
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	Present	Present	-	1	20	2.2	-	-	-
Myxomycetes++	Present	Present	-	3	60	6.5	-	-	-
Pithomyces	Present	Present	-	-	-	-	-	-	-
Rust	-	-	-	2	40	4.3	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Arthrinium	-	-	-	3	60	6.5	-	-	-
Pestalotia	-	-	-	1	20	2.2	-	-	-
Spegazzinia	-	-	-	1	20	2.2	-	-	-
<b>Total Fungi</b>	-	-	-	<b>45</b>	<b>930</b>	<b>100</b>	-	<b>No Trace</b>	-
Hyphal Fragment	Present	Present	-	3	60	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	Present	Present	-	1	20	-	-	-	-
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	0	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	0*	-
Skin Fragments (1-4)	-	2	-	-	-	-	-	-	-
Fibrous Particulate (1-4)	-	4	-	-	-	-	-	-	-
Background (1-5)	-	5	-	-	2	-	-	-	-

**Sample Comments:** 241505390-0001 Overloaded

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

Gloria V. Oriol, Laboratory Manager  
 or Other Approved Signatory

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: 12/21/2015 08:53:09

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



### Microbiology Chain of Custody

EMSL Order Number (Lab Use Only):

**241505390**

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

Company: Facility Support Services, LLC.		EMSL-Bill to: <input checked="" type="checkbox"/> Different <input type="checkbox"/> Same <small>If Bill to is Different note instructions in Comments**</small>	
Street: 2685 State Street		<i>Third Party Billing requires written authorization from third party</i>	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Michael DiFabio		Telephone #: 203-288-1281	
Email Address: mdifabio@fssteam.com		Fax #:	Purchase Order:
Project Name/Number: <b>22214 / 9 East Ave</b>		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 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

\*Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide. TATs are subject to methodology requirements

**Non Culturable Air Samples (Spore Traps) - Test Codes**

• M001 Air-O-Cell	• M173 Allegro M2	• M004 Allergenco	• M032 Allergenco-D	• M172 Versa Trap
• M049 BioSIS	• M003 Burkard	• M043 Cyclex	• M002 Cyclex-d	
• M030 Micro 5	• M174 MoldSnap	• M176 Relle Smart	• M130 Via-Cell	

**Other Microbiology Test Codes**

<ul style="list-style-type: none"> <li>• M041 Fungal Direct Examination</li> <li>• M005 Viable Fungi ID and Count</li> <li>• M006 Viable Fungi ID and Count (Speciation)</li> <li>• M007 Culturable Fungi</li> <li>• M008 Culturable Fungi (Speciation)</li> <li>• M009 Gram Stain Culturable Bacteria</li> <li>• M010 Bacterial Count and ID - 3 Most Prominent</li> <li>• M011 Bacterial Count and ID - 5 Most Prominent</li> <li>• M013 Sewage Contamination in Buildings</li> </ul>	<ul style="list-style-type: none"> <li>• M014 Endotoxin Analysis</li> <li>• M015 Heterotrophic Plate Count</li> <li>• M180 Real Time Q-PCR-ERMI 36 Panel</li> <li>• M018 Total Coliform (Membrane Filtration)</li> <li>• M020 Fecal Streptococcus (Membrane Filtration)</li> <li>• M210-215 Legionella Detection</li> <li>• M026 Recreational Water Screen</li> <li>• M027 Mycotoxin Analysis</li> </ul>	<ul style="list-style-type: none"> <li>• M029 Enterococci</li> <li>• M019 Fecal Coliform</li> <li>• M133 MRSA Analysis</li> <li>• M028 Cryptococcus neoformans Detection</li> <li>• M120 Histoplasma capsulatum Detection</li> <li>• M033-39 Allergen Testing</li> <li>• M044 Group Allergen (Cat, Dog, Cockroach, Dustmites)</li> <li>• Other See Analytical Price Guide</li> </ul>
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Preservation Method (Water):

Name of Sampler: **Michael DiFabio**      Signature of Sampler: *[Signature]*

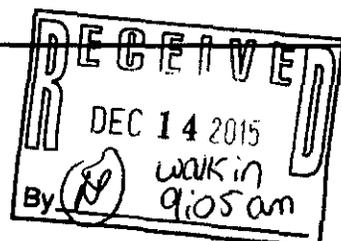
Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
Example: A1	Kitchen	Air	M001	75L	1/1/12 4:00 PM
222141211-1185	Living Room/kitchen line	Air	M001	150 L	12/11/15 15:52-16:02
M52	OUTSIDE	↓	↓	↓	16:09-16:19
M53	Blank	↓	↓	↓	---

Client Sample # (s): **M51 - M53**      Total # of Samples: **3**

Relinquished (Client): *[Signature]*      Date: **12/11/15** <sup>MVD</sup> 12/11/15      Time: **9:06**

Received (Client):      Date:      Time:

Comments:  
Bill To: Facility Support Services, LLC., 2685 State Street, Hamden, CT, 06517, United States  
Attention: Michele Viarengo Phone: 203-288-1281 Email: mviarengo@fssteam.com Purchase Order:



**ATTACHMENT B**

**FSS LIENSURE**

Dear MIKE V DIFABIO,

Attached you will find your validated certificate for the coming year. Should you have any questions about your certificate renewal, please do not hesitate to write or call:

Department of Public Health (860) 509-7603  
P.O. Box 340308 oplc.dph@ct.gov  
M.S.#12MQA www.ct.gov/dph/license  
Hartford, CT 06134-0308

Sincerely,



JEWEL MULLEN, MD, MPH, MPA, COMMISSIONER  
DEPARTMENT OF PUBLIC HEALTH

**EMPLOYER'S COPY**  
STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME: MIKE V DIFABIO  
CURRENT THROUGH: 12/31/15  
VALIDATION NO: 03-255035  
CERTIFICATE NO: 000898  
PROFESSION: ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE:  COMMISSIONER

**INSTRUCTIONS:**

1. Detach and sign each of the cards on this form
2. Display the large card in a prominent place in your office or place of business.
3. The wallet card is for you to carry on your person. If you do not wish to carry the wallet card, place it in a secure place.
4. The employer's copy is for persons who must demonstrate current licensure/certification in order to retain employment or privileges. The employer's card is to be presented to the employer and kept by them as a part of your personnel file. Only one copy of this card can be supplied to you.

**STATE OF CONNECTICUT**  
**DEPARTMENT OF PUBLIC HEALTH**

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT  
BY THIS DEPARTMENT AS A  
ASBESTOS CONSULTANT-INSPECTOR

MIKE V DIFABIO

CERTIFICATE NO: 000898  
CURRENT THROUGH: 12/31/15  
VALIDATION NO: 03-255035

SIGNATURE:  COMMISSIONER

**WALLET CARD**  
STATE OF CONNECTICUT  
DEPARTMENT OF PUBLIC HEALTH

NAME: MIKE V DIFABIO  
CURRENT THROUGH: 12/31/15  
VALIDATION NO: 03-255035  
CERTIFICATE NO: 000898  
PROFESSION: ASBESTOS CONSULTANT-INSPECTOR

SIGNATURE:  COMMISSIONER

**ATTACHMENT C**

**ASBESTOS LABORATORY ANALYTICAL DATA**



# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06  
Tel/Fax: (203) 284-5948 / (203) 284-5978  
<http://www.EMSL.com / wallingfordlab@emsl.com>

EMSL Order: 241505443  
Customer ID: FSS93  
Customer PO:  
Project ID:

**Attention:** Michael DiFabio  
Facility Support Services, LLC  
2685 State Street  
Hamden, CT 06517  
**Project:** 22214/ 9 EAST AVE  
**Phone:** (203) 288-1281  
**Fax:** (203) 248-4409  
**Received Date:** 12/14/2015 9:05 AM  
**Analysis Date:** 12/19/2015  
**Collected Date:**

## 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
222141211-1183 01A <small>241505443-0001</small>	ATTIC- YELLOW INSULATION	Yellow Fibrous Homogeneous	20% Fibrous (Other)	80% Non-fibrous (Other)	None Detected
222141211-1183 01B <small>241505443-0002</small>	ATTIC- YELLOW INSULATION	Yellow Fibrous Homogeneous	99% Min. Wool	1% Non-fibrous (Other)	None Detected
222141211-1183 02A <small>241505443-0003</small>	REAR ADDITION NORTH WALL SHEETROCK	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1183 02B <small>241505443-0004</small>	REAR ADDITION NORTH WALL SHEETROCK	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1183 02C <small>241505443-0005</small>	REAR ADDITION BATHROOM NORTH WALL SHEETROCK	Gray Fibrous Homogeneous	<1% Cellulose <1% Glass	100% Non-fibrous (Other)	None Detected
222141211-1183 03A <small>241505443-0006</small>	REAR ADDITION JOINT COMPOUND	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1183 03B <small>241505443-0007</small>	REAR ADDITION JOINT COMPOUND	White Non-Fibrous Homogeneous		40% Ca Carbonate 60% Non-fibrous (Other)	None Detected
222141211-1183 04A <small>241505443-0008</small>	EXTERIOR JOINT BETWEEN HOUSE AND REAR ADDITION - EXTERIOR CAULKING	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1183 04B <small>241505443-0009</small>	EXTERIOR JOINT BETWEEN HOUSE AND REAR ADDITION - EXTERIOR CAULKING	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1183 05A <small>241505443-0010</small>	CRAWL SPACE WHITE INSULATION	White Fibrous Homogeneous	20% Fibrous (Other)	80% Non-fibrous (Other)	None Detected
222141211-1183 05B <small>241505443-0011</small>	CRAWL SPACE WHITE INSULATION	White Fibrous Homogeneous	99% Min. Wool	1% Non-fibrous (Other)	None Detected
222141211-1183 06A <small>241505443-0012</small>	CRAWL SPACE WHITE INSULATION BACKING PAPER	Brown Non-Fibrous Homogeneous	80% Cellulose	20% Non-fibrous (Other)	None Detected
222141211-1183 06B <small>241505443-0013</small>	CRAWL SPACE WHITE INSULATION BACKING PAPER	Brown/Black Fibrous Homogeneous	80% Cellulose 10% Min. Wool	10% Non-fibrous (Other)	None Detected
222141211-1183 07A <small>241505443-0014</small>	MAIN ROOF TOP LAYER SHINGLES	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (Other)	None Detected

Initial Report From: 12/21/2015 13:00:53



# EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06

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

<http://www.EMSL.com> / [wallingfordlab@emsl.com](mailto:wallingfordlab@emsl.com)

EMSL Order: 241505443

Customer ID: FSS93

Customer PO:

Project ID:

## 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
222141211-1183 07B <small>241505443-0015</small>	MAIN ROOF TOP LAYER SHINGLES	Black Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
222141211-1183 08A <small>241505443-0016</small>	MAIN ROOF 2ND LAYER SHINGLES- WORN WITH - WHITE SPECKS	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1183 08B <small>241505443-0017</small>	MAIN ROOF 2ND LAYER SHINGLES- WORN WITH - WHITE SPECKS	Black Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1183 09A <small>241505443-0018</small>	MAIN ROOF 3RD LAYER SHINGLES- WHITE AND RED SPECKS	Black Non-Fibrous Homogeneous	5% Cellulose	95% Non-fibrous (Other)	None Detected
222141211-1183 09B <small>241505443-0019</small>	MAIN ROOF 3RD LAYER SHINGLES- WHITE AND RED SPECKS	Black Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1183 10A <small>241505443-0020</small>	MAIN ROOF BOTTOM LAYER SHINGLES GRAY AND RED SPECK	Black Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (Other)	None Detected
222141211-1183 10B <small>241505443-0021</small>	MAIN ROOF BOTTOM LAYER SHINGLES GRAY AND RED SPECK	Black Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1183 11A <small>241505443-0022</small>	REAR ADDITION ROOF SHINGLES (ROOF)	Black Non-Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
222141211-1183 11B <small>241505443-0023</small>	REAR ADDITION ROOF SHINGLES (ROOF)	Black Fibrous Homogeneous	5% Glass	95% Non-fibrous (Other)	None Detected
222141211-1183 12A <small>241505443-0024</small>	REAR ADDITION ROOF WATER + ICE SHEILD UNDERLAYMENT	Black Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1183 12B <small>241505443-0025</small>	REAR ADDITION ROOF WATER + ICE SHEILD UNDERLAYMENT	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (Other)	None Detected

Analyst(s)

Jeremy Patino (13)

Lauren Brennan (12)

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: 12/21/2015 13:00:53



EMSL ANALYTICAL, INC  
LABORATORY PRODUCTS TRAINING

### Asbestos Chain of Custody

EMSL Order Number (Lab Use Only)

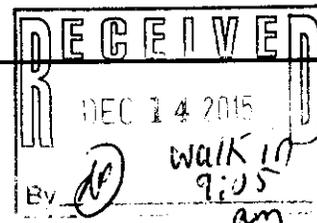
241505443

Wallingford, CT 06492

(203) 284-5948

(203) 284-5978

Company Name : Facility Support Services, LLC		EMSL Customer ID:	
Street: 2685 State Street		City: Hamden	State/Province: CT
Zip/Postal Code: 06517	Country: United States	Telephone #: 203-288-1281	Fax #:
Report To (Name): Michael DiFabio		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: mdifabio@fssteam.com		Purchase Order:	
Project Name/Number: 22214 / 9 EAST AVE		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: CT		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	
EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different - if Bill to is Different note instructions in Comments** <i>Third Party Billing requires written authorization from third party</i>			
<b>Turnaround Time (TAT) Options* - Please Check</b>			
<input type="checkbox"/> 3 Hour <input type="checkbox"/> 6 Hour <input type="checkbox"/> 24 Hour <input type="checkbox"/> 48 Hour <input type="checkbox"/> 72 Hour <input type="checkbox"/> 96 Hour <input checked="" type="checkbox"/> 1 Week <input type="checkbox"/> 2 Week			
<small>*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.</small>			
<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>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"/> NYS 198.8 SOF-V <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>TEM - Water: EPA 100.2</b> Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm	
Samplers Name: Michael DiFabio		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	See Attached		
Client Sample # (s): 01.12		Total # of Samples: 25	
Relinquished (Client):		Date: 12/14/15 <sup>MVD</sup> 12/14/15 Time: 9:06	
Received (Lab):		Date: Time:	
<b>Comments/Special Instructions:</b> Bill To: Facility Support Services, LLC, 2685 State Street, Hamden, CT, 06517 United States Attention: Michele Viarengo Phone: 203-288-1281 Email: mviarengo@fssteam.com Purchase Order:			



241505443  
**FACILITY SUPPORT SERVICES, LLC**  
 Asbestos Sampling Log

CLIENT: Martinez Couch

DATE: 12/11/15

LOCATION: 9 East Avenue

SAMPLED BY: M. DiFazio

SAMPLE ID	LOCATION	DESCRIPTION
20141211-1183 01A	Attic	Yellow insulation
B	↓	↓
02A	Rear Addition North wall	Sheetrock
B	↓ North wall	↓
C	Rear Addition Between North wall	↓
03A	Rear Addition	Joint compound
B	↓	↓
04A	Exterior Joint Between <sup>House and</sup> Rear Addition.	Exterior Caulking
B	↓	↓
05A	Crawl space	White insulation
B	↓	↓
06A		White insulation Backing paper
06B	↓	↓
07A	Main Roof	TOP Layer Shingles
B	↓	
08A		2nd Layer Shingles - Worn w/ White specks.
B		
09A		3rd Layer Shingles - White and Red specks
B		
10A	↓	Bottom Layer Shingles <sup>gray and</sup> Red specks

**RECEIVED**  
 2685 STATE ST.; HAMDEN, CT 06517  
 PH: 203-288-1281 FAX: 203-248-4409  
 Website: www.fssteam.com  
 DEC 14 2015  
 WALKIN  
 BY: [Signature] Page 2 of 3

Page 2 of 3



**ATTACHMENT D**

**PCB LABORATORY ANALYTICAL DATA**



Client: Mr. Mike DiFabio  
Facility Support Services  
2685 State Street  
Hamden, CT 06517

# Analytical Report

## CET# 5120393

Report Date: December 21, 2015  
Project: 22214  
Project Number: 9 East Ave, Milford, 22214-1183

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



New York Certification: 11982  
Rhode Island Certification: 199

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

**SAMPLE SUMMARY**

The sample(s) were received at 2.1°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
PCB-01	5120393-01	Solid	12/11/2015	12/14/2015
PCB-02	5120393-02	Solid	12/11/2015	12/14/2015
PCB-03	5120393-03	Solid	12/11/2015	12/14/2015
PCB-04	5120393-04	Solid	12/11/2015	12/14/2015
PCB-05	5120393-05	Solid	12/11/2015	12/14/2015
PCB-06	5120393-06	Solid	12/11/2015	12/14/2015
PCB-07	5120393-07	Solid	12/11/2015	12/14/2015
PCB-08	5120393-08	Solid	12/11/2015	12/14/2015

**Client Sample ID PCB-01**

**Lab ID: 5120393-01**

**PCBs by Soxhlet**

**Method: EPA 8082A**

**Analyst: SJ**

**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	B5L1517	12/15/2015	12/17/2015 20:53	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/17/2015 20:53	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/17/2015 20:53	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/17/2015 20:53	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/17/2015 20:53	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/17/2015 20:53	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/17/2015 20:53	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/17/2015 20:53	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/17/2015 20:53	

*Surrogate: TCMX*

*77.7 %*

*50 - 150*

B5L1517

12/15/2015

12/17/2015 20:53

*Surrogate: DCB*

*111 %*

*50 - 150*

B5L1517

12/15/2015

12/17/2015 20:53

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

**Client Sample ID PCB-02**

**Lab ID: 5120393-02**

**PCBs by Soxhlet**

**Method: EPA 8082A**

**Analyst: SJ**

**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	B5L1517	12/15/2015	12/21/2015 12:13	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:13	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:13	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:13	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:13	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:13	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:13	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:13	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:13	

*Surrogate: TCMX*

*108 %*

*50 - 150*

B5L1517

12/15/2015

*12/21/2015 12:13*

*Surrogate: DCB*

*78.8 %*

*50 - 150*

B5L1517

12/15/2015

*12/21/2015 12:13*

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

**Client Sample ID PCB-03**

**Lab ID: 5120393-03**

**PCBs by Soxhlet**

**Method: EPA 8082A**

**Analyst: SJ**

**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	B5L1517	12/15/2015	12/18/2015 00:00	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:00	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:00	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:00	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:00	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:00	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:00	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:00	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:00	

*Surrogate: TCMX*

*61.3 %*

*50 - 150*

B5L1517

12/15/2015

*12/18/2015 00:00*

*Surrogate: DCB*

*56.7 %*

*50 - 150*

B5L1517

12/15/2015

*12/18/2015 00:00*

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

**Client Sample ID PCB-04**

**Lab ID: 5120393-04**

**PCBs by Soxhlet**

**Method: EPA 8082A**

**Analyst: SJ**

**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	B5L1517	12/15/2015	12/18/2015 00:19	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:19	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:19	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:19	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:19	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:19	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:19	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:19	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:19	
<i>Surrogate: TCMX</i>	<i>57.1 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 00:19</i>	
<i>Surrogate: DCB</i>	<i>43.7 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 00:19</i>	<b>L</b>

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

**Client Sample ID PCB-05**

**Lab ID: 5120393-05**

**PCBs by Soxhlet**

**Method: EPA 8082A**

**Analyst: SJ**

**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	B5L1517	12/15/2015	12/18/2015 00:37	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:37	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:37	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:37	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:37	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:37	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:37	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:37	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:37	
<i>Surrogate: TCMX</i>	<i>73.6 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 00:37</i>	
<i>Surrogate: DCB</i>	<i>51.0 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 00:37</i>	

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

**Client Sample ID PCB-06**

**Lab ID: 5120393-06**

**PCBs by Soxhlet**

**Method: EPA 8082A**

**Analyst: SJ**

**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	B5L1517	12/15/2015	12/18/2015 00:56	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:56	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:56	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:56	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:56	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:56	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:56	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:56	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 00:56	
<i>Surrogate: TCMX</i>	<i>75.2 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 00:56</i>	
<i>Surrogate: DCB</i>	<i>48.0 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 00:56</i>	<b>L</b>

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

**Client Sample ID PCB-07**

**Lab ID: 5120393-07**

**PCBs by Soxhlet**

**Method: EPA 8082A**

**Analyst: SJ**

**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	B5L1517	12/15/2015	12/18/2015 01:33	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:33	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:33	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:33	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:33	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:33	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:33	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:33	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:33	

*Surrogate: TCMX*

60.3 %

50 - 150

B5L1517

12/15/2015

12/18/2015 01:33

*Surrogate: DCB*

42.0 %

50 - 150

B5L1517

12/15/2015

12/18/2015 01:33

**L**

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

**Client Sample ID PCB-08**

**Lab ID: 5120393-08**

**PCBs by Soxhlet**

**Method: EPA 8082A**

**Analyst: SJ**

**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	B5L1517	12/15/2015	12/18/2015 01:52	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:52	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:52	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:52	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:52	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:52	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:52	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:52	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 01:52	
<i>Surrogate: TCMX</i>	<i>56.8 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 01:52</i>	
<i>Surrogate: DCB</i>	<i>32.4 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 01:52</i>	<b>L</b>

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

**QUALITY CONTROL SECTION**

**Batch B5L1517 - 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 (B5L1517-BLK1)</b>					Prepared: 12/15/2015 Analyzed: 12/17/2015				
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>					85.2	50 - 150			
<i>Surrogate: DCB</i>					97.7	50 - 150			
<b>LCS (B5L1517-BS1)</b>					Prepared: 12/15/2015 Analyzed: 12/17/2015				
PCB-1016	0.893	0.20	1.000		89.3	50 - 150			
PCB-1260	1.00	0.20	1.000		100	50 - 150			
<i>Surrogate: TCMX</i>					81.5	50 - 150			
<i>Surrogate: DCB</i>					92.8	50 - 150			
<b>Duplicate (B5L1517-DUP1)</b>		<b>Source: 5120393-06</b>			Prepared: 12/15/2015 Analyzed: 12/18/2015				
PCB-1016	ND	0.80		ND					50
PCB-1221	ND	0.80		ND					50
PCB-1232	ND	0.80		ND					50
PCB-1242	ND	0.80		ND					50
PCB-1248	ND	0.80		ND					50
PCB-1254	ND	0.80		ND					50
PCB-1260	ND	0.80		ND					50
PCB-1268	ND	0.80		ND					50
PCB-1262	ND	0.80		ND					50
<i>Surrogate: TCMX</i>					67.0	50 - 150			
<i>Surrogate: DCB</i>					42.1	50 - 150			L



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

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

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.

CET # : 5120393

Project: 22214

Project Number: 9 East Ave, Milford, 22214-1183

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
<i>EPA 8082A in Solid</i>	
PCB-1016	CT,NY
PCB-1221	CT,NY
PCB-1232	CT,NY
PCB-1242	CT,NY
PCB-1248	CT,NY
PCB-1254	CT,NY
PCB-1260	CT,NY
PCB-1268	CT
PCB-1262	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2016
NY	New York Certification (NELAC)	11982	04/01/2016



**ATTACHMENT E**

**LEAD REPORT**

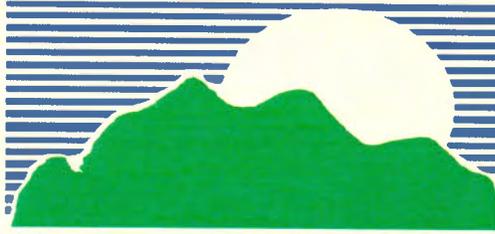
**LEAD BASED PAINT INSPECTION  
REPORT OF FINDINGS  
OF:**

**9 EAST AVENUE  
MILFORD, CONNECTICUT**



**DATE:  
DECEMBER 11, 2015**

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



# GILBERTCO LEAD INSPECTIONS, LLC

## “LEAD BASED PAINT SPECIALIST”

December 11, 2015

Michael DiFabio  
Facility Support Services, LLC  
2685 State Street  
Hamden, Connecticut 06517

### **Re: Lead Based Paint Inspection: 9 East Avenue, Milford, CT**

Gilbertco Lead Inspections LLC performed a limited XRF inspection for the presence of lead based paint at 9 east Avenue, Milford, Connecticut. The inspection was requested by Facility Support Services in response to planned renovations and repairs to the site by State of Connecticut Department of Housing Community Block Grant Disaster Recovery Program.

The site inspected consists of a single family, ranch style home built about 1925. There have been some renovations through the years including new windows, new bath, and new enclosed rear porch. The exterior is painted wood siding with a painted wood skirt foundation. The home was found in good repair and enjoying excellent housekeeping. There are no children under the age of six currently residing here.

In accordance with manufacturers Performance Characteristic Sheets, the RMD LPA-1 Spectrum analyzer was used in the “Quick” assaying mode to detect lead in paint. 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 0.9 mg/cm<sup>2</sup> through 1.1 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, *several lead based paint hazards were identified*. A lead based paint hazard is “any condition that causes exposure to lead 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...”. (Lead Based Paint Hazard Reduction Act of 1992- Title X ) These areas, identified as the interior front porch floor and a small exterior wall section less than twenty square feet can be remediated in accordance with CGS 19a-111 using lead safe practices. In April 2010, a new EPA regulation requires that any contractor who disturbs more than six square feet of painted surface per room, twenty feet on exterior surfaces, 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. Lead in dust will be addressed in the final clearance written into the Remediation Plan.

Although soil was not tested for lead, it can be presumed positive unless proven otherwise. Vegetable plants for consumption 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: 9 EAST AVENUE  
MILFORD, CONNECTICUT

PROJECT NUMBER: 121115

TEST DATE: DECEMBER 11, 2015

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

INSTRUMENTATION: PROTEC RMD LPA-1  
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  
LEAD PLANNER/PROJECT DESIGNER 2152

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.

*Maurice M. M...* 12/11/2015

Project # 121115

Page ( of 1

LEAD BASED PAINT SAMPLE PLAN

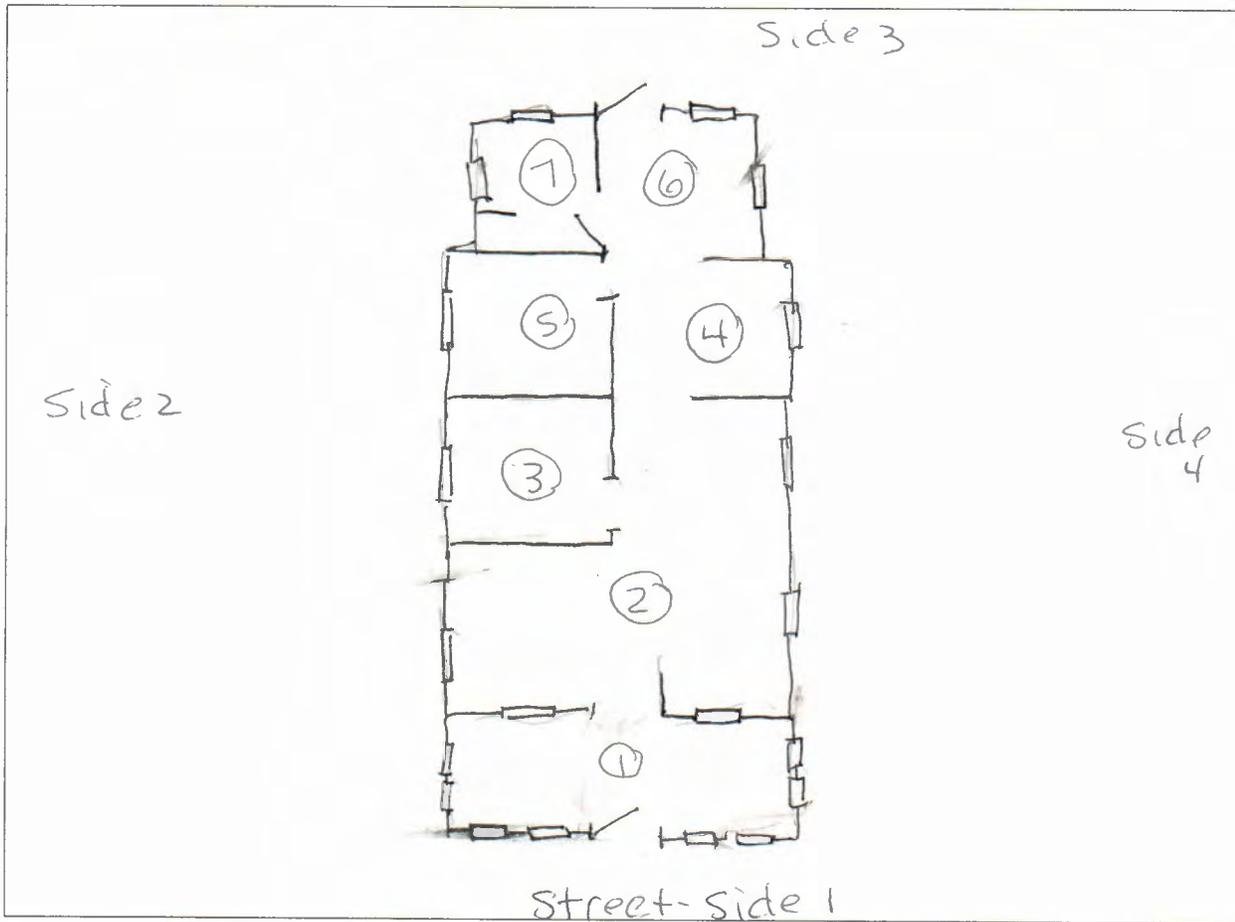
Address: 9 East Ave Milford

Date of Survey: 12-11-2015 Date of construction: 1925±

Sampling Device: RMD-LPA-1 Inspector: M Monaco Certification: IR1172

Notes: Not to scale

House Plan:



Room Descriptions:

# 1-Front Porch # 3-Bedroom # 5-Pantry # 7-Bath  
# 2-Living Room # 4-kitchen # 6-Rear Porch # \_\_\_\_\_

**9 East Avenue, Milford, Connecticut  
December 11, 2015**

Reading	Rm #	Room	Side	Component	Condition	Substrate	mg/cm2	Decision
1	999	Calibration					1.1	Okay
2	1	Front Porch	1	Door	Intact	Metal	0.3	Negative
3	1	Front Porch	1	Door Casing	Intact	Wood	-0.2	Negative
4	1	Front Porch	1	Wall	Intact	Wood	-0.3	Negative
5	1	Front Porch	1	Window Trim	Intact	Wood	-0.1	Negative
6	1	Front Porch	2	Wall	Intact	Dry wall	-0.5	Negative
7	1	Front Porch	2	Window Trim	Intact	Wood	-0.4	Negative
8	1	Front Porch	2	Floor	Defective	Wood	6.9	Positive
9	1	Front Porch	2	Floor	Defective	Wood	9.2	Positive
10	1	Front Porch	3	Wall	Intact	Wood	9.9	Positive
11	1	Front Porch	3	Door Casing	Intact	Wood	9.9	Positive
12	1	Front Porch	3	Window Sill	Intact	Wood	9.9	Positive
13	1	Front Porch	3	Window Trim	Intact	Wood	9.2	Positive
14	1	Front Porch	4	Wall	Intact	Wood	-0.1	Negative
15	1	Front Porch	4	Window Trim	Intact	Wood	-0.1	Negative
16	1	Front Porch	3	Door	Intact	Wood	4.1	Positive
17	1	Front Porch	3	Threshold	Intact	Wood	0.7	Negative
18	2	Living Room	1	Door Casing	Intact	Wood	9.9	Positive
19	2	Living Room	1	Wall	Intact	Wood	6.6	Positive
20	2	Living Room	1	Window Sill	Intact	Wood	6.6	Positive
21	2	Living Room	1	Window Trim	Intact	Wood	5.1	Positive
22	2	Living Room	2	Wall	Intact	Wood	5.1	Positive
23	2	Living Room	2	Window Sill	Intact	Wood	4.4	Positive
24	2	Living Room	2	Window Trim	Intact	Wood	6.1	Positive
25	2	Living Room	3	Wall	Intact	Wood	5.4	Positive
26	2	Living Room	3	Door Casing	Intact	Wood	4.8	Positive
27	2	Living Room	3	Ceiling	Intact	Wood	9.9	Positive
28	2	Living Room	4	Wall	Intact	Wood	4.8	Positive
29	2	Living Room	4	Window Trim	Intact	Wood	7	Positive
30	2	Living Room	4	Window Sill	Intact	Wood	8.2	Positive
31	2	Living Room	4	Floor	Intact	Wood	-0.3	Negative
32	3	Bedroom	4	Door Jamb	Intact	Wood	9.8	Positive
33	3	Bedroom	4	Wall	Intact	Wood	2.6	Positive
34	3	Bedroom	1	Wall	Intact	Wood	2	Positive
35	3	Bedroom	2	Wall	Intact	Wood	2.9	Positive
36	3	Bedroom	2	Window Trim	Intact	Wood	7.7	Positive
37	3	Bedroom	2	Window Sill	Intact	Wood	7.8	Positive
38	3	Bedroom	2	Ceiling	Intact	Wood	9.9	Positive
39	3	Bedroom	2	Ceiling	Intact	Wood	9.9	Positive
40	3	Bedroom	2	Floor	Intact	Wood	-0.3	Negative
41	4	Kitchen	1	Door Casing	Intact	Wood	9.6	Positive

**9 East Avenue, Milford, Connecticut  
December 11, 2015**

42	4	Kitchen	1	Wall	Intact	Wood	2.6	Positive
43	4	Kitchen	2	Wall	Intact	Wood	3.8	Positive
44	4	Kitchen	4	Wall	Intact	Wood	3.1	Positive
45	4	Kitchen	4	Ceiling	Intact	Wood	9.9	Positive
46	4	Kitchen	1	Cabinet -upper	Intact	Wood	3.1	Positive
47	4	Kitchen	1	Cabinet -lower	Intact	Wood	2.8	Positive
48	4	Kitchen	1	Shelf in cab	Intact	Wood	-0.2	Negative
49	4	Kitchen	4	Window Trim	Intact	Wood	9.9	Positive
50	4	Kitchen	3	Countertop	Intact	Wood	-0.5	Negative
51	4	Kitchen	3	Door Casing	Intact	Wood	-0.5	Negative
52	5	Pantry	4	Door Casing	Intact	Wood	6	Positive
53	5	Pantry	4	Wall	Intact	Wood	1.6	Positive
54	5	Pantry	1	Wall	Intact	Wood	2.9	Positive
55	5	Pantry	2	Wall	Intact	Wood	1.6	Positive
56	5	Pantry	3	Wall	Intact	Wood	2.1	Positive
57	5	Pantry	3	Ceiling	Intact	Wood	9.9	Positive
58	5	Pantry	3	Floor	Intact	Wood	-0.5	Negative
59	5	Pantry	2	Window Trim	Intact	Wood	5.8	Positive
60	5	Pantry	2	Window Sill	Intact	Wood	3.5	Positive
61	6	Rear Porch	1	Wall	Intact	Dry wall	-0.5	Negative
62	6	Rear Porch	2	Wall	Intact	Dry wall	-0.2	Negative
63	6	Rear Porch	3	Wall	Intact	Dry wall	-0.4	Negative
64	6	Rear Porch	4	Wall	Intact	Dry wall	-0.2	Negative
65	6	Rear Porch	4	Ceiling	Intact	Dry wall	-0.3	Negative
66	6	Rear Porch	3	Window Sill	Intact	Wood	0	Negative
67	6	Rear Porch	3	Window Trim	Intact	Wood	-0.1	Negative
68	6	Rear Porch	3	Baseboard	Intact	Wood	-0.2	Negative
69	6	Rear Porch	3	Door	Intact	Metal	0.2	Negative
70	6	Rear Porch	3	Door Casing	Intact	Metal	-0.2	Negative
71	7	Bathroom	4	Door	Intact	N/A	-0.3	Negative
72	7	Bathroom	4	Door Jamb	Intact	Wood	0	Negative
73	7	Bathroom	4	Door Casing	Intact	Wood	-0.3	Negative
74	7	Bathroom	4	Wall	Intact	Dry wall	-0.6	Negative
75	7	Bathroom	3	Wall	Intact	Dry wall	-0.4	Negative
76	7	Bathroom	2	Wall	Intact	Dry wall	0	Negative
77	7	Bathroom	1	Wall	Intact	Dry wall	-0.3	Negative
78	7	Bathroom	1	Ceiling	Intact	Dry wall	-0.1	Negative
79	7	Bathroom	3	Window Sill	Intact	Wood	-0.2	Negative
80	7	Bathroom	3	Window Trim	Intact	Wood	-0.4	Negative
81	8	Exterior	1	Door	Intact	Metal	0	Negative
82	8	Exterior	1	Door Jamb	Intact	Wood	-0.3	Negative
83	8	Exterior	1	Door Casing	Intact	Wood	-0.3	Negative
84	8	Exterior	1	Wall	Intact	Wood	0	Negative

9 East Avenue, Milford, Connecticut

December 11, 2015

85	8	Exterior	1	Porch floor	Intact	Wood	0	Negative
86	8	Exterior	1	Porch Railing	Intact	Wood	-0.3	Negative
87	8	Exterior	1	Wall -upper	Intact	Wood	-0.3	Negative
88	8	Exterior	1	Wall foundation	Intact	Wood	-0.1	Negative
89	8	Exterior	1	Trim	Intact	Wood	0.5	Negative
90	8	Exterior	4	Window Trim	Intact	Wood	0	Negative
91	8	Exterior	4	Window Sill	Intact	Wood	-0.2	Negative
<b>92</b>	<b>8</b>	<b>Exterior</b>	<b>4</b>	<b>Wall -upper</b>	<b>Intact</b>	<b>Wood</b>	<b>9.9</b>	<b>Positive</b>
93	8	Exterior	4	Window Sill	Intact	Wood	-0.1	Negative
94	8	Exterior	4	Window Trim	Intact	Wood	0.4	Negative
95	8	Exterior	4	Lowest Trim	Intact	Wood	-0.1	Negative
<b>96</b>	<b>8</b>	<b>Exterior</b>	<b>2</b>	<b>Wall</b>	<b>Intact</b>	<b>Wood</b>	<b>2.2</b>	<b>Positive</b>
<b>97</b>	<b>8</b>	<b>Exterior</b>	<b>2</b>	<b>Wall *</b>	<b>Defective</b>	<b>Wood</b>	<b>9.9</b>	<b>Positive</b>
				* see picture				
<b>98</b>	<b>8</b>	<b>Exterior</b>	<b>2</b>	<b>Overhang-purple</b>	<b>Intact</b>	<b>Wood</b>	<b>9.9</b>	<b>Positive</b>
<b>99</b>	<b>8</b>	<b>Exterior</b>	<b>2</b>	<b>Window Trim</b>	<b>Intact</b>	<b>Wood</b>	<b>9.3</b>	<b>Positive</b>
<b>100</b>	<b>8</b>	<b>Exterior</b>	<b>2</b>	<b>Window Sill</b>	<b>Intact</b>	<b>Wood</b>	<b>5.1</b>	<b>Positive</b>
<b>101</b>	<b>8</b>	<b>Exterior</b>	<b>2</b>	<b>Wall -upper</b>	<b>Intact</b>	<b>Wood</b>	<b>3.9</b>	<b>Positive</b>
102	8	Exterior	2	Wall-foundation	Intact	Wood	0.3	Negative
103	999	Calibration					0.8	okay



9 East Avenue, Milford, CT

Exterior Wall , wall 3 (rear)

**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.***



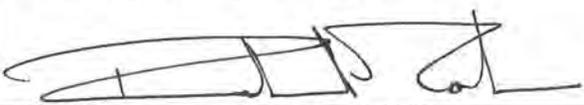
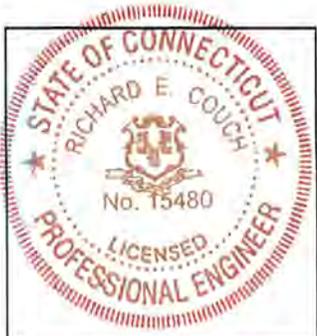
1084 Cromwell Avenue Suite, A-2  
Rocky Hill, CT 06067  
Tel: 860-436-4364  
Fax: 860-436-4626  
[www.martinezcouch.com](http://www.martinezcouch.com)

Attachment 11 – 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: 9 East Avenue, Milford CT	
Application Number: 1183	
"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
	11/28/2024
Signature of Professional Engineer	Date
Richard E. Couch	15480
Name of Professional Engineer (print or type)	P.E. Number
	Affix P.E. Stamp Here
	



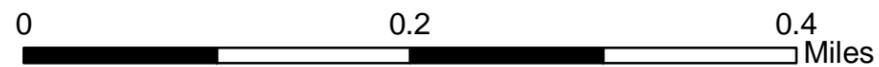
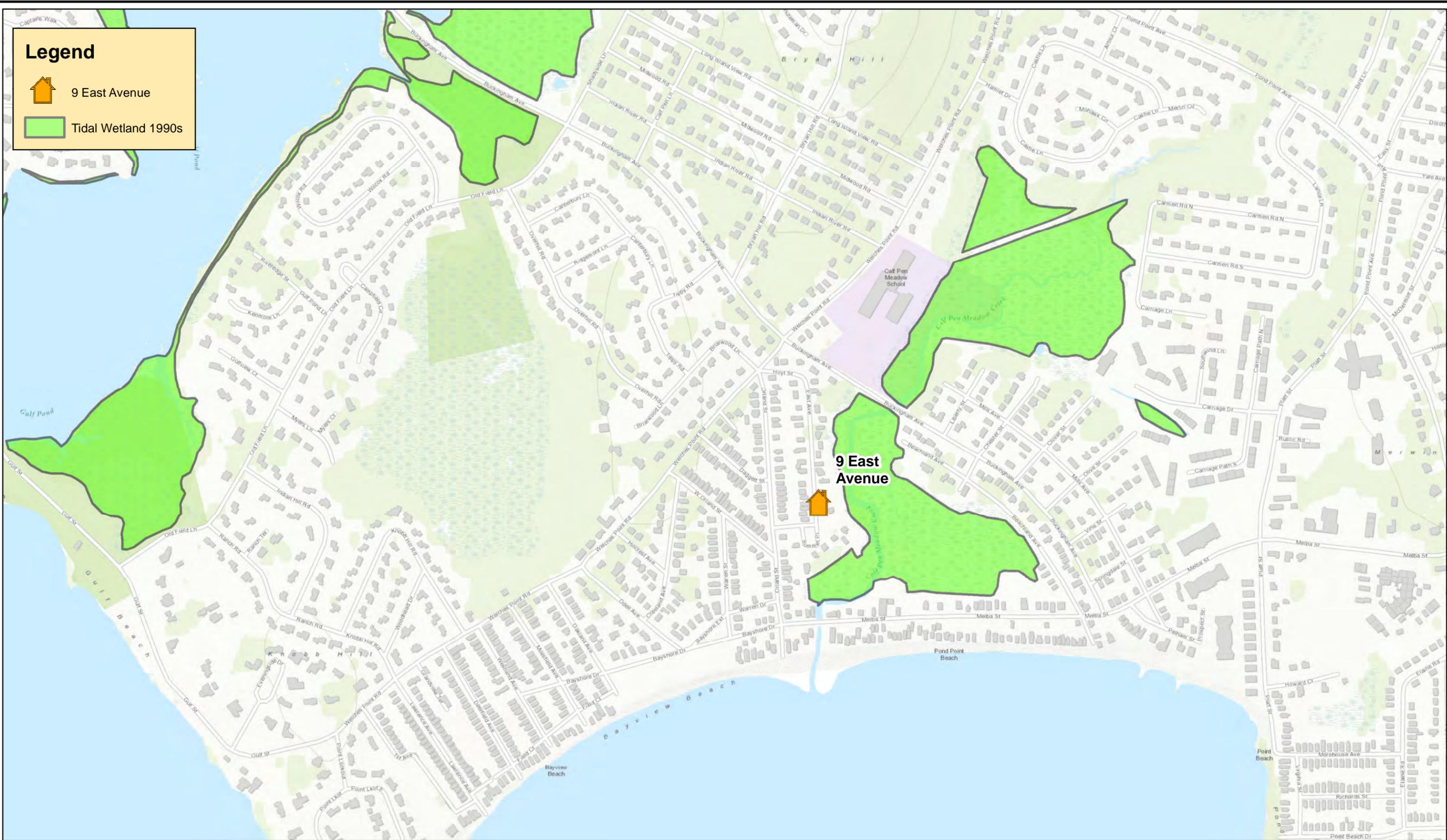
1084 Cromwell Avenue Suite, A-2  
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Attachment 12 – Checklist Item 14C Documentation – Tidal Wetlands

**Legend**

 9 East Avenue

 Tidal Wetland 1990s





1084 Cromwell Avenue Suite, A-2  
Rocky Hill, CT 06067  
Tel: 860-436-4364  
Fax: 860-436-4626  
[www.martinezcouch.com](http://www.martinezcouch.com)

Attachment 13 – Checklist Item 14D Documentation – Local Inland Wetlands/Watercourses



# City of Milford, Connecticut

- Founded 1639 -

Inland Wetlands Office  
inlandwetland@ci.milford.ct.us

70 West River Street  
Milford, CT 06460-3317  
Tel 203-783-3256  
FAX 203-783-3303

March 30, 2016

Mr. Matthew Ranando  
Martinez Couch & Associates, LLC  
1084 Cromwell Avenue, Suite A-2  
Rocky Hill, CT 06067

Re: IW-JR-16-005: 9 East Av; Map 38 Block 558 Parcel 100; Spencer Hoyt; Proposal to elevate existing structure with addition of decks and stairs for access with work proposed within 100' of a wetland or watercourse in the South Central Shoreline Watershed.

Dear Mr. Ranando:

The Milford Inland Wetlands and Watercourses Agency has received and reviewed your plan entitled "*Project 1183 9 East Avenue, Milford, Connecticut 06460*" by Martinez Couch & Associates, 3 sheets dated 2/22/16. This proposal is for the elevation of the existing residence on the existing footprint with associated decks and stairs for access. Based on a review of the site, the above information, the MIWA maps and Regulations it reveals work is proposed within 100' of wetlands. This work as proposed with proper Erosion and Sedimentation Control and Best Management Practices for construction will have a minimal impact; therefore I am issuing this Jurisdictional Ruling for the elevation of the existing residence and associated stairs and decks for access with the following conditions:

- The silt barrier is the construction limit line and no work or stockpiling may occur beyond the limit.
- No soils or material may be stockpiled. Excavated soils and materials *must* be disposed of offsite as called for on the plan C-1.1 note 3;
- Sedimentation and Erosion controls must be properly installed prior to the start of construction to prevent material from entering offsite natural resources;
- Sedimentation and Erosion controls must be maintained and properly functioning until the site is stabilized.

Please be advised that this letter applies only to the specific plans noted above. **Any** revision of these plans will require further review by this Agency. You are responsible for contacting other permitting authorities to determine if additional Local, State and Federal permits are required for this project. No fill material may be placed in the wetland or upland review area without additional review by the MIWA. Best Management Practices and proper sedimentation and soil erosion controls as found in the "*2002 Connecticut Guidelines for Sedimentation and Erosion Controls*" should be implemented on site to prevent degradation of offsite wetlands.

Should you have any questions concerning this matter, please contact the Inland Wetlands Agency Office at 203-783-3256.

Sincerely,

MaryRose Palumbo  
Inland Wetlands Compliance Officer

c: Planning & Zoning  
City Engineer



1084 Cromwell Avenue Suite, A-2  
Rocky Hill, CT 06067  
Tel: 860-436-4364  
Fax: 860-436-4626  
[www.martinezcouch.com](http://www.martinezcouch.com)

Attachment 14 – Checklist Item 14E Documentation – Various Municipal Zoning Approvals



# City of Milford, Connecticut

Founded 1639

70 West River Street – Milford, CT 06460-3317

Tel 203-783-3246 FAX 203-783-3303

Website: [www.ci.milford.ct.us](http://www.ci.milford.ct.us)

Email: [mgreene@ci.milford.ct.us](mailto:mgreene@ci.milford.ct.us)

Meg Greene, MBA  
Secretary/ZBA Clerk

Planning and Zoning Office

14 September 2016

Richard Couch, P.E.  
Martinez Couch and Associates, LLC  
1084 Cromwell Avenue, Suite A-2  
Rocky Hill, CT 06067

RE: 9 East Avenue

Dear Mr. Couch:

At its meeting held on **Tuesday, 13 September 2016**, the Zoning Board of Appeals voted that your request be **approved**. To finalize your variance, you must do the following:

- Wait **15 calendar days** from the date of the hearing's published notice. (Published notice of your variance will appear in the **MILFORD MIRROR on Thursday, 22 September 2016**.) This delay allows others to appeal the decision of the Zoning Board of Appeals. This type of appeal must be filed with the proper judicial court of law within fifteen days of the publication of the legal advertisement.
- After 15 days, visit the Planning and Zoning Office to get your Notice of Approval.
- Take the Notice of Approval to the City Clerk's Office where the notice will be recorded on the city's Land Records for a fee of \$53.00.
- Return to the Planning & Zoning Office with the original filing receipt, where our records will also be updated. At this time a zoning permit can be issued to you for an additional fee.

Best regards,

Joseph Tuozzola  
Chairman, Zoning Board of Appeals

COPY TO:

Spencer Hoyt  
9 East Avenue  
Milford, CT 06460