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www.martinezcouch.com

February 12, 2016

Mark Gorka
Department of Housing
505 Hudson Street
Hartford, CT 06106

RE: Project 1236 – 12 Oliver Street, Norwalk, CT

Dear Mr. Gorka,

This letter is to provide a summary description of the Statutory Checklist for CDBG-DR Project 1236 – 12 Oliver Street.

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

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

Checklist list items requiring permitting and/or regulatory review include

- Item 14-E – Review by City of Norwalk 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 with a large, looped "R" and "C".

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 1236 – 12 Oliver Street

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
Document Laws and authorities listed at 24 CFR Sec. 58.5							
1. Historic Properties [58.5(a)] [Section 106 of NHPA]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	See attachment 1 for determination statement from CT State Historic Preservation Office. Project activities will have no adverse effects on the state of Connecticut’s historic resources.
2. Floodplain Management [58.5(b)] [Ex Or 11988] [24 CFR 55]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09001C0533G, Revised July 8, 2013 indicates the project site at 12 Oliver Street Norwalk, CT is located inside Zone AE with a base flood elevation of 13 feet defined for the 1% Annual Chance Flood. Refer to Attachment 2 included as documentation.
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 the project site outside a wetland zone. See attachment 3 for map documentation. Mapping is Geographic Information System (G.I.S.) map created using data accessed from USFWS NWI website at http://www.fws.gov/wetlands/Data/State-Downloads.html
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 12 Oliver Street Norwalk, CT is located inside a Coastal Boundary Zone. See attachment 4 for map documentation. Mapping is Geographic Information System (G.I.S.) map created using data accessed from CT Environmental Conditions Online (CT ECO) of the Coastal Boundary Zone from http://www.cteco.uconn.edu/
5. Water Quality – Aquifers [58.5(d)] [40 CFR 149]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	On site water and sewer facilities are not included in rehabilitation work for 12 Oliver Street, Norwalk CT. Connecticut DEEP Bureau of Water Protection and Land Reuse map titled 'Aquifer Protection Areas Norwalk CT' dated December 28, 2015 does not identify aquifer protection areas in

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.
							the City of Norwalk, Connecticut near the project site. See attachment 5 for documentation.
6. Endangered Species [58.5(e)] [16 U.S.C. 1531 et seq.]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project is located outside mapped Natural Diversity Data Base (NDDB) areas from CT DEEP. See attachment 6A for Geographic Information System (G.I.S.) map of NDDB areas created using data accessed from Connecticut Environmental Conditions Online (CT ECO) at http://www.cteco.uconn.edu/ . U.S. Fish & Wildlife Service Information, Planning, and Conservation (IPaC) List, included as attachment 6B, does not identify any Critical Habitats, or Wildlife Refugees in the project site. The (1) threatened specie, (2) endangered species, and (17) birds of conservation identified in the IPac list are not anticipated to be effected by the residential rehabilitation activites proposed at the project site.
7. Wild and Scenic Rivers [58.5 (f)] [16 U.S.C. 1271 et seq.]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project site is not proximate to the Eight Mile River or the Farmington River West Branch listed in the National Wild and Scenic Rivers System.
8. Air Quality [58.5(g)] [42 U.S.C. 7401 et seq.]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	No quantifiable increase in air pollution is measurable for proposed rehabilitation activities.
9. Farmland Protection [58.5(h)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	All activity will occur inside existing structure foot print and no change in land use is proposed.
Manmade Hazards 10 A. Thermal Explosive [58.5(i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Per 24 CFR 51 Subpart C and HUD Guidebook 6600.G rehabilitation work that does not alter the number dwelling units or a change of land use is not subject to Acceptable Separation Distance (ASD) requirements for HUD assisted projects near hazardous operations handling petroleum products or chemicals of an explosive or flammable nature.
10 B. Noise [58.5(i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Noise Abatement and Control requirements per 24 CFR 51.101(a)(3) are not applicable to HUD assisted projects which restore facilities substantially as they existed prior to a disaster.
10 C. Airport Clear Zones [58.5 (i)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The residential structure at 12 Oliver Street Norwalk, CT is located outside the Runway Clear Zone of Tweed/New Haven Commercial Airport.
10 D. Toxic Sites [58.5 (i)(2)(i)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	The project site at 12 Oliver Street Norwalk, CT is, <ul style="list-style-type: none"> 1. Not listed on EPA's NPL Lists (Proposed and Final) or the State of Connecticut's Superfund Priority List; 2. Not listed in Comprehensive Environmental Response and Compensation Liability Infomration System (CERCLIS) database search as a Comprehensive Environmental Response and Compensation Liability Act (CERCLA) site;

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
							<p>3. Not located within 3,000 feet of a landfill site as listed on CT DEEP's active landfill list;</p> <p>4. Not listed on CT DEEP's Underground Storage Tank list</p> <p>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</p>
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, 12 Oliver Street Norwalk, 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 Norwalk, Connecticut is not listed by the Connecticut Department of Economic and Community Development (CT DECD) as a distressed municipality as defined in C.G.S. Section 22a-20. See attachment 7 for the 2014 listing of distressed municipalities in CT from the CT DECD in which City of Norwalk, CT is listed.
Document Laws and authorities listed at Sec. 58.6 and other potential environmental concerns							
12 A. Flood Insurance [58.6(a) & (b)]	<input type="checkbox"/>	<input type="checkbox"/>	<input 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 09001C0533G, Revised July 8, 2013 indicates the project site at 12 Oliver Street is located inside Zone AE with a base flood elevation of 13 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 accepting CDBG-DR OORR project funding.
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 12 Oliver Street Norwalk, 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 http://www.cteco.uconn.edu/
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, 12 Oliver Street Norwalk, CT, are not expected to affect the capacities of solid waste disposal services.

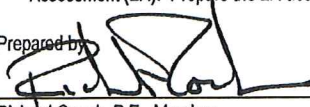
Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
13 B. Fish and Wildlife [U.S.C. 661-666c]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project activities will not result in impounding, diverting, deepening, channelizing or modification of any stream or body of water. Project is not a water control project.
13 C. Lead-Based Paint [24 CFR Part 35] and [40 CFR 745.80 Subpart E]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Residential Structure at 12 Oliver Street Norwalk, CT was built prior to 1978. The results of a Lead Paint Survey are included in attachment 9, 'Hazardous Materials Inspection Report, 12 Oliver Street Norwalk, CT', dated 30 March 2015, prepared by Facility Support Services, LLC. No lead based paint hazards identified in the 'Lead Based Paint Inspection: 12 Oliver Street, Norwalk, Connecticut' dated 13 March, 2015 prepared by Gilbertco Lead Inspections LLC which is included in attachment 9.
13 D. Asbestos	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	One asbestos containing material was identified in sampled site materials to be disturbed for project work. Results of testing are included in attachment 9, 'Hazardous Material Inspection Report, 12 Oliver Street Norwalk, CT, dated 30 March 2015, prepared by Facility Support Services, LLC.. Asbestos containing materials will be abated per, attachment 10, 'Asbestos Containing Materials Removal Work Plan, Crawl Space Entrance Door Panels, 12 Oliver Street, Norwalk CT', dated April, 2, 2015, prepared by Chris Hudacek, CT DPH Project Designer License #0000239. Attachment 10 will be part of construction documents..
13 E. Radon [50.3 (f) 1]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Due to the proposed elevation above grade and proposed open foundation type radon mitigation is not applicable.
13 F. Mold	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	No specific regulation regarding the levels requiring mold mitigation or abatement are enacted by law in the State of Connecticut. Accelerated mold growth is not indicated by testing results at the project site. The procedures and results of the microbial testing for mold spores conducted at the project site are included in attachment 9, 'Hazardous Material Inspection Report 12 Oliver Street Norwalk, CT', 30 March 2015, prepared by Facility Support Services, LLC. Mold Abatement following guidelines mandated in Public Act No. 06-195, as described in document entitled 'Connecticut Guidelines for Mold Abatement Contractors' published by the Connecticut Department of Public Health, Environmental & Occupational Health Assessment Program will be required. See attachment 11 for 'Microbial (Mold) Abatement Plan' which will be part of construction documents.
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 09001C0533G, Revised July 8, 2013 Identifies the property at 12 Oliver Street Norwalk, CT, is located inside Zone AE with a base flood elevation of 13 feet

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.
							defined for the 1% Annual Chance Flood. See attachment 2 for documentation. See attachment 12 for the Professional Certification from Appendix B of the Flood Management General Permit for the CDBG-DR OORR/SSRR program.
14 B. Structures, Dredging & Fill Act [CGS 22a-359 to 22a-363f]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rehabilitation work at project site does not propose any adverse impacts to coastal resources nor propose any activity waterward of the coastal jurisdiction line.
14 C. Tidal Wetlands Act [CGS 22a-28 to 22a-35]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Connecticut Department of Energy and Environmental Protection Tidal Wetlands Mapping as defined in C.G.S. Section 22a-29 and Section 22a-93(7)(e) identifies the project as outside a Tidal Wetland Zone. See attachment 13 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 http://www.cteco.uconn.edu/
14 D. Local inland wetlands/watercourses [CGS 22a-42]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project rehabilitation work is not expected to impact wetlands/watercourses.
14 E. Various municipal zoning approvals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Rehabilitation activities at the project site will need review by City of Norwalk Building Department for issuance of required building permit. Coastal site plan review not required. Project does not propose an activity that will substantially alter the natural character of coastal resources as defined in C.G.S. 22a-93(7)

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/RRF 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

2/15/2016

Responsible Entity or Designee Signature:


Hermia Delaire, CDBG-DR Program Manager

Date

2/18/2016



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



Department of Economic and
Community Development

Connecticut
still revolutionary

1236
MG

April 10, 2015

received
4-14-15

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

RE: Applicant #1236, 12 Oliver Street, Norwalk

Dear Ms. Delaire:

The State Historic Preservation Office (SHPO) has reviewed the above-named project pursuant to the provisions of Section 106 of the National Historic Preservation Act of 1966.

The property is located within the National Register eligible Harbor View Historic District; however, in the opinion of the SHPO, the proposed undertaking will have no adverse effect upon historic district.

This office appreciates the opportunity to have reviewed and commented upon the project.

For further information, please contact Julie Carmelich at (860) 256-2762.

Sincerely:

Mary B. Dunne
Deputy State Historic Preservation Officer

State Historic Preservation Office

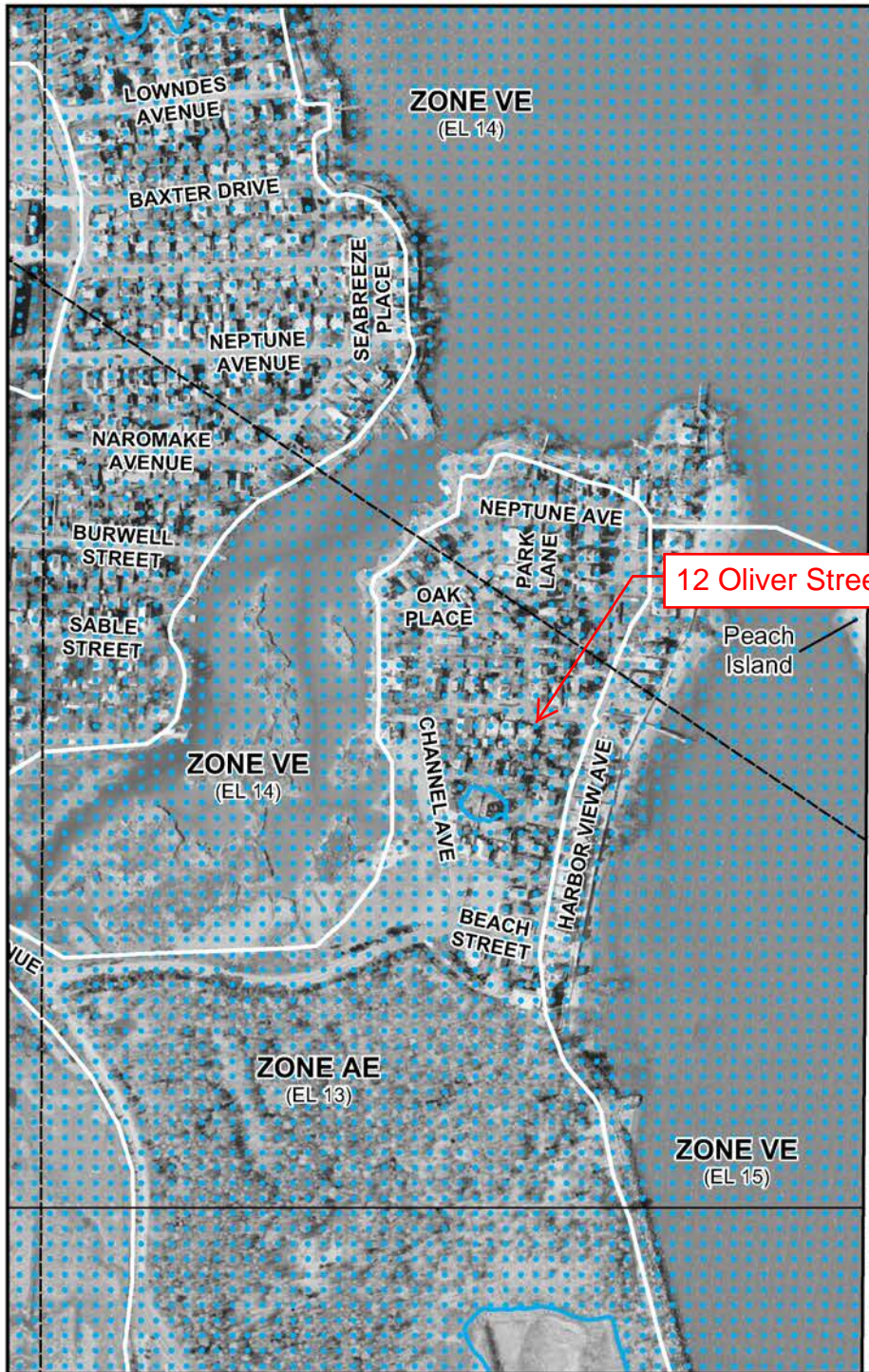
One Constitution Plaza | Hartford, CT 06103 | P: 860.256.2800 | Cultureandtourism.org

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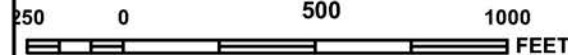
Attachment 2 – Checklist Item #2, #12A and #14A Documentation – FEMA FIRM Flood Mapping



JOINS PANEL 0534



MAP SCALE 1" = 500'



PANEL 0533G

FIRM
FLOOD INSURANCE RATE MAP
FAIRFIELD COUNTY,
CONNECTICUT
 (ALL JURISDICTIONS)

PANEL 533 OF 626
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
NORWALK, CITY OF	090012	0533	G

-NOTE-
 THIS MAP INCLUDES BOUNDARIES OF THE COASTAL BARRIER RESOURCES SYSTEM ESTABLISHED UNDER THE COASTAL BARRIER RESOURCES ACT OF 1982 AND/OR SUBSEQUENT ENABLING LEGISLATION.

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
09001C0533G

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



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Attachment 3 – Checklist Item 3 Documentation – Wetlands Protection

Legend



12 Oliver Street

NWI Wetlands

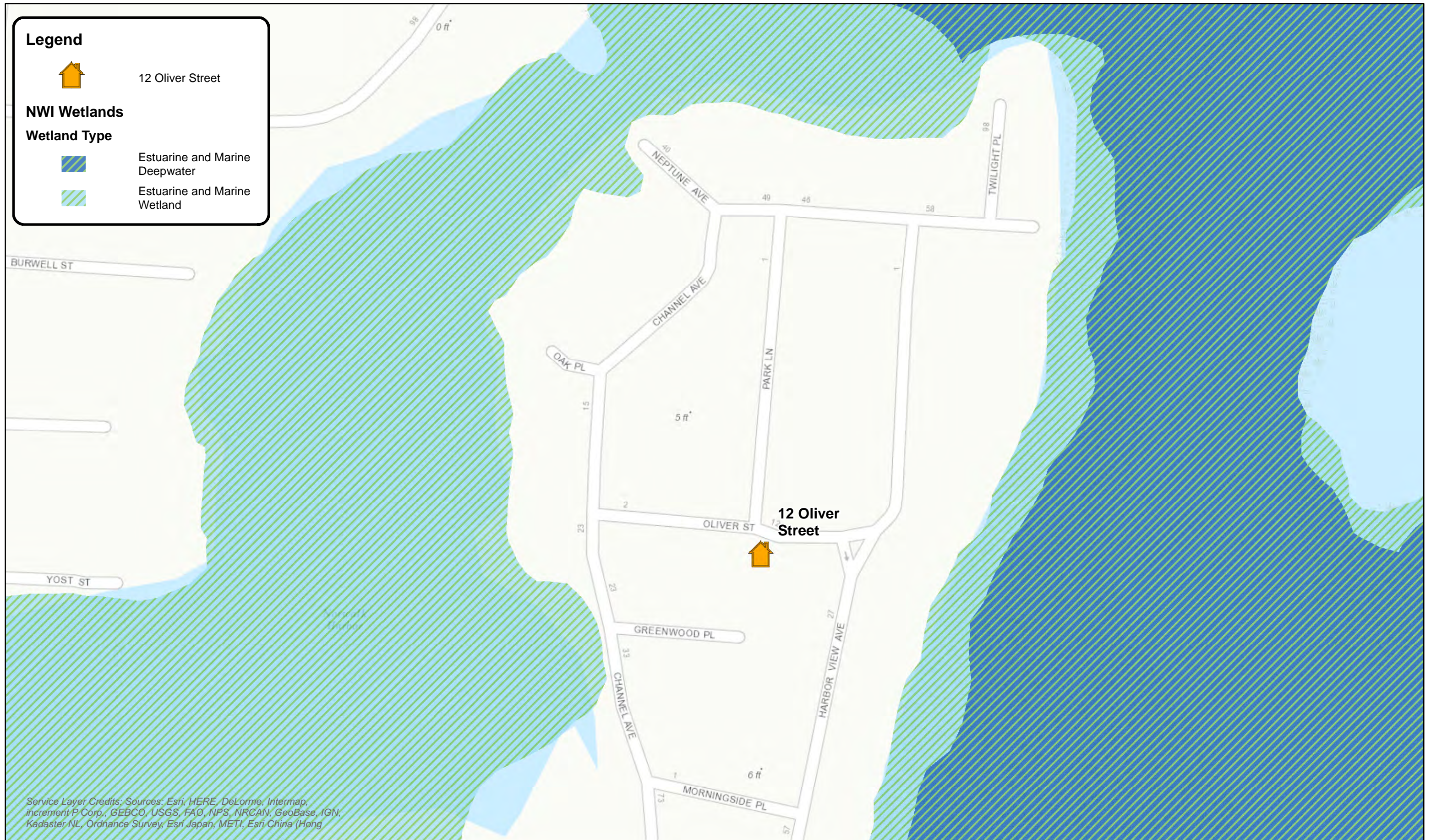
Wetland Type



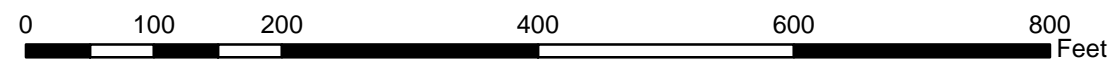
Estuarine and Marine Deepwater



Estuarine and Marine Wetland



Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong



Date: 12/2/2015



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Attachment 4 – Checklist Item 4 Documentation – Coastal Management Zone

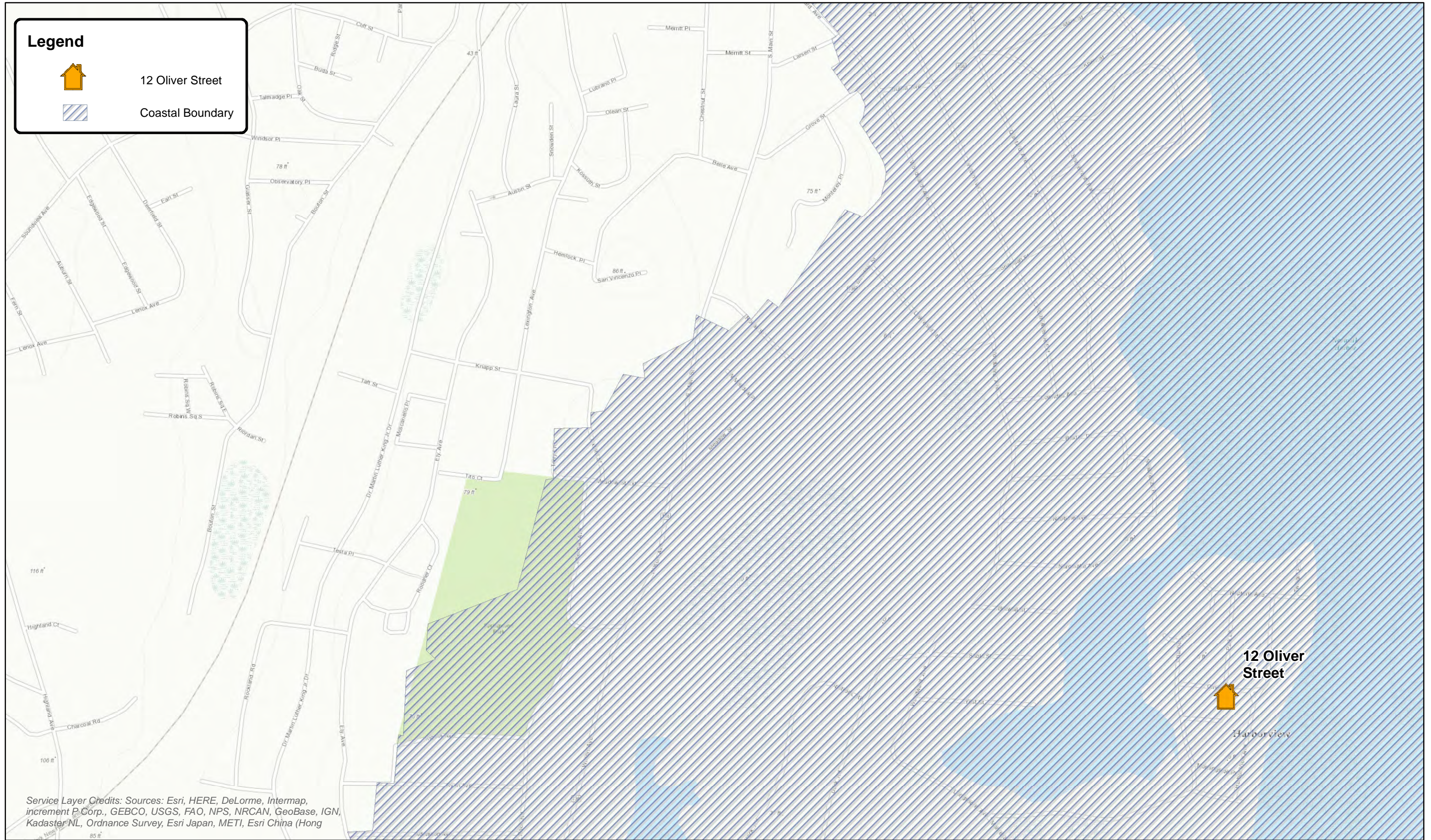
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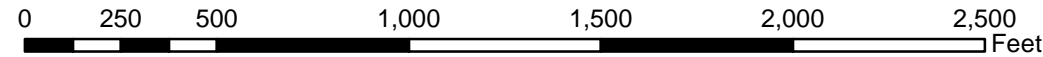
12 Oliver Street



Coastal Boundary



Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P. Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong



Date: 12/2/2015







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

AQUIFER PROTECTION AREAS

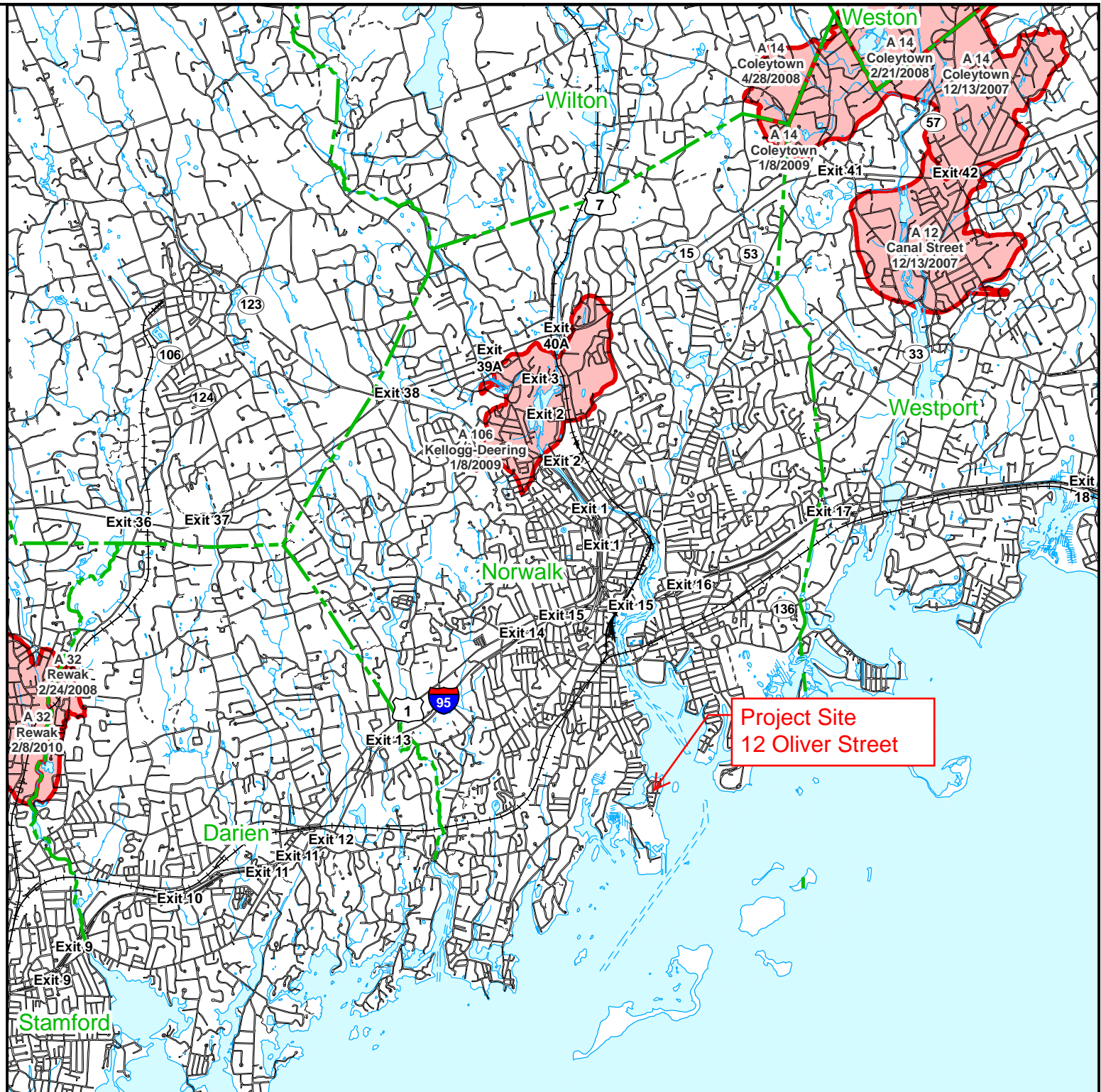
Norwalk, CT

December 28, 2015

-  Level A APA (Final Adopted)
-  Level A APA (Final)
-  Level B APA (Preliminary)
-  Town Boundary

NOTE: The Aquifer Protection Areas were delineated through Connecticut's 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 replaces the Level B Mapping. Final Adopted Level A Areas are those where towns have land use regulations for them. Massachusetts and Rhode Island Wellhead Protection Areas may be shown for informational purposes.

QUESTIONS:
Bureau of Water Protection and Land Reuse
Planning and Standards Division
Phone: (860) 424-3020
www.ct.gov/deep/aquiferprotection





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

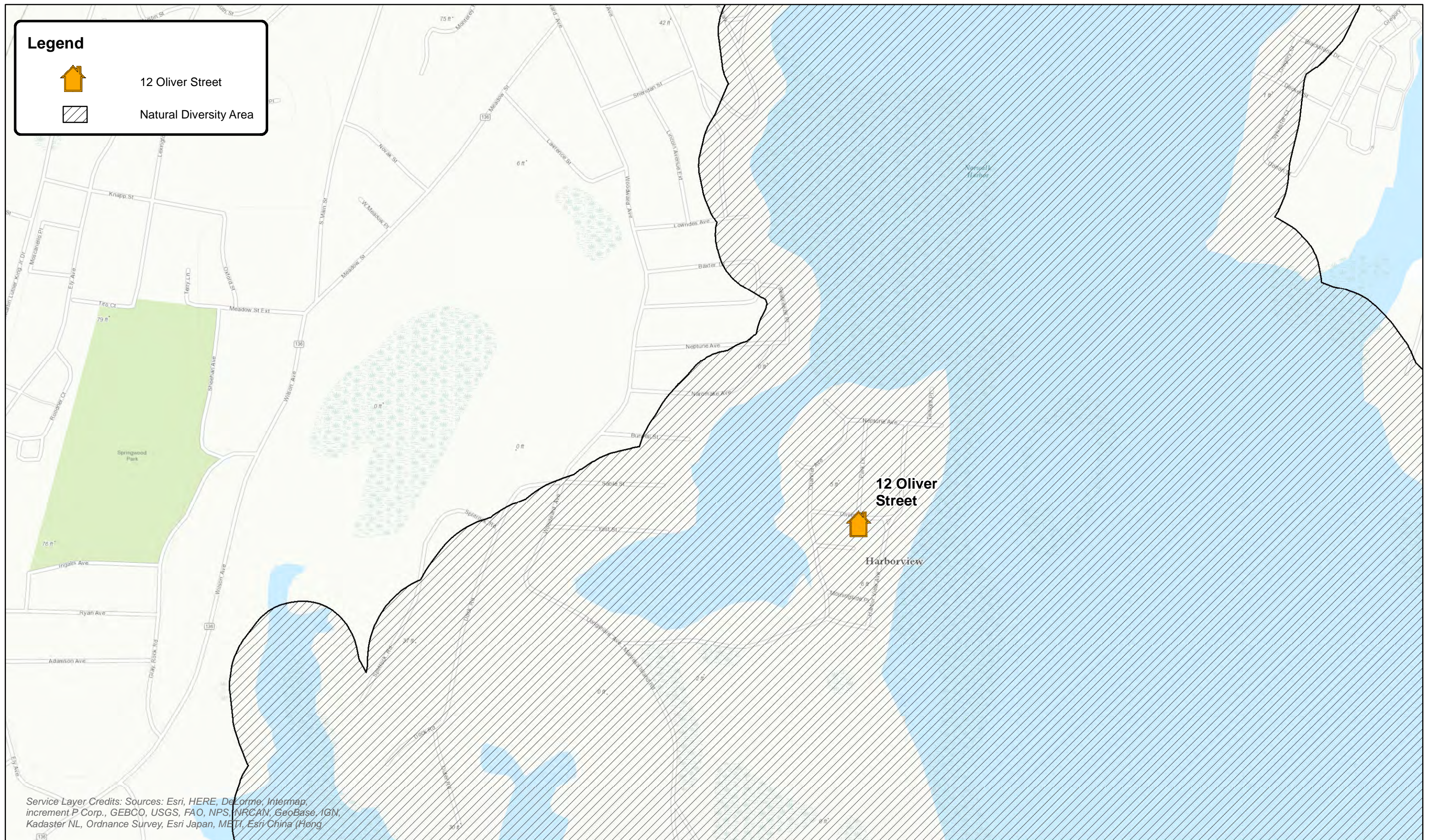
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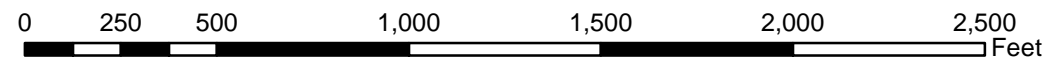
12 Oliver Street



Natural Diversity Area



Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong



Date: 12/2/2015



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

1236 - 12 Oliver Street

IPaC Trust Resource Report

Generated February 09, 2016 06:40 AM MST, IPaC v2.3.2

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.



US Fish & Wildlife Service

IPaC Trust Resource Report



NAME

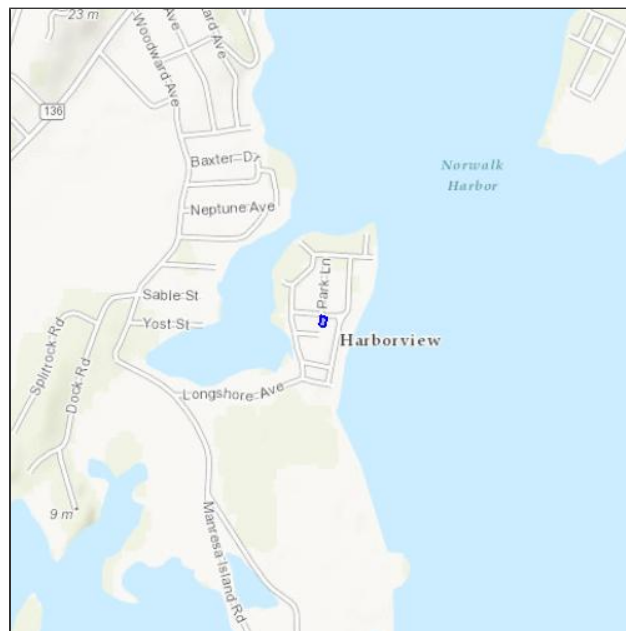
1236 - 12 Oliver Street

LOCATION

Fairfield County, Connecticut

IPAC LINK

<https://ecos.fws.gov/ipac/project/3B3MA-TRKMR-F2DPW-5XVW7-JXWMLE>



U.S. Fish & Wildlife 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 FWS 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 from the Regulatory Documents section in IPaC.

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.
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0DM

Roseate Tern *Sterna dougallii dougallii* Endangered
 CRITICAL HABITAT
No critical habitat has been designated for this species.
https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B07O

Mammals

Northern Long-eared Bat *Myotis septentrionalis* Threatened
 CRITICAL HABITAT
No critical habitat has been designated for this species.
https://ecos.fws.gov/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 which results in the take of migratory birds or eagles is prohibited unless authorized by the U.S. Fish and Wildlife Service (1). There are no provisions for allowing the take of migratory birds that are unintentionally killed or injured.

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.

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.fws.gov/birds/management/project-assessment-tools-and-guidance/akn-histogram-tools.php>

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

American Oystercatcher <i>Haematopus palliatus</i> Year-round https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0G8	Bird of conservation concern
Bald Eagle <i>Haliaeetus leucocephalus</i> Year-round https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B008	Bird of conservation concern
Black Skimmer <i>Rynchops niger</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0EO	Bird of conservation concern
Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HI	Bird of conservation concern
Canada Warbler <i>Wilsonia canadensis</i> Season: Breeding	Bird of conservation concern
Fox Sparrow <i>Passerella iliaca</i> Season: Wintering	Bird of conservation concern
Horned Grebe <i>Podiceps auritus</i> Season: Wintering	Bird of conservation concern

Hudsonian Godwit <i>Limosa haemastica</i> Season: Migrating	Bird of conservation concern
Least Tern <i>Sterna antillarum</i> Season: Breeding	Bird of conservation concern
Peregrine Falcon <i>Falco peregrinus</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0FU	Bird of conservation concern
Purple Sandpiper <i>Calidris maritima</i> Season: Wintering	Bird of conservation concern
Saltmarsh Sparrow <i>Ammodramus caudacutus</i> Season: Breeding	Bird of conservation concern
Seaside Sparrow <i>Ammodramus maritimus</i> Year-round	Bird of conservation concern
Short-eared Owl <i>Asio flammeus</i> Season: Wintering https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HD	Bird of conservation concern
Snowy Egret <i>Egretta thula</i> Season: Breeding	Bird of conservation concern
Upland Sandpiper <i>Bartramia longicauda</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HC	Bird of conservation concern
Willow Flycatcher <i>Empidonax traillii</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0F6	Bird of conservation concern

Refuges

Any activity proposed on [National Wildlife Refuge](#) lands must undergo a 'Compatibility Determination' conducted by the Refuge. Please contact the individual Refuges to discuss any questions or concerns.

There are no refuges 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.

Wetland data is unavailable at this time.



1084 Cromwell Avenue Suite, A-2
Rocky Hill, CT 06067
Tel: 860-436-4364
Fax: 860-436-4626
www.martinezcouch.com

Attachment 7 – Checklist Item 11 Documentation – Environmental Justice

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

2014 Distressed Municipalities

Ranked by Score

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

2014 Distressed Municipalities

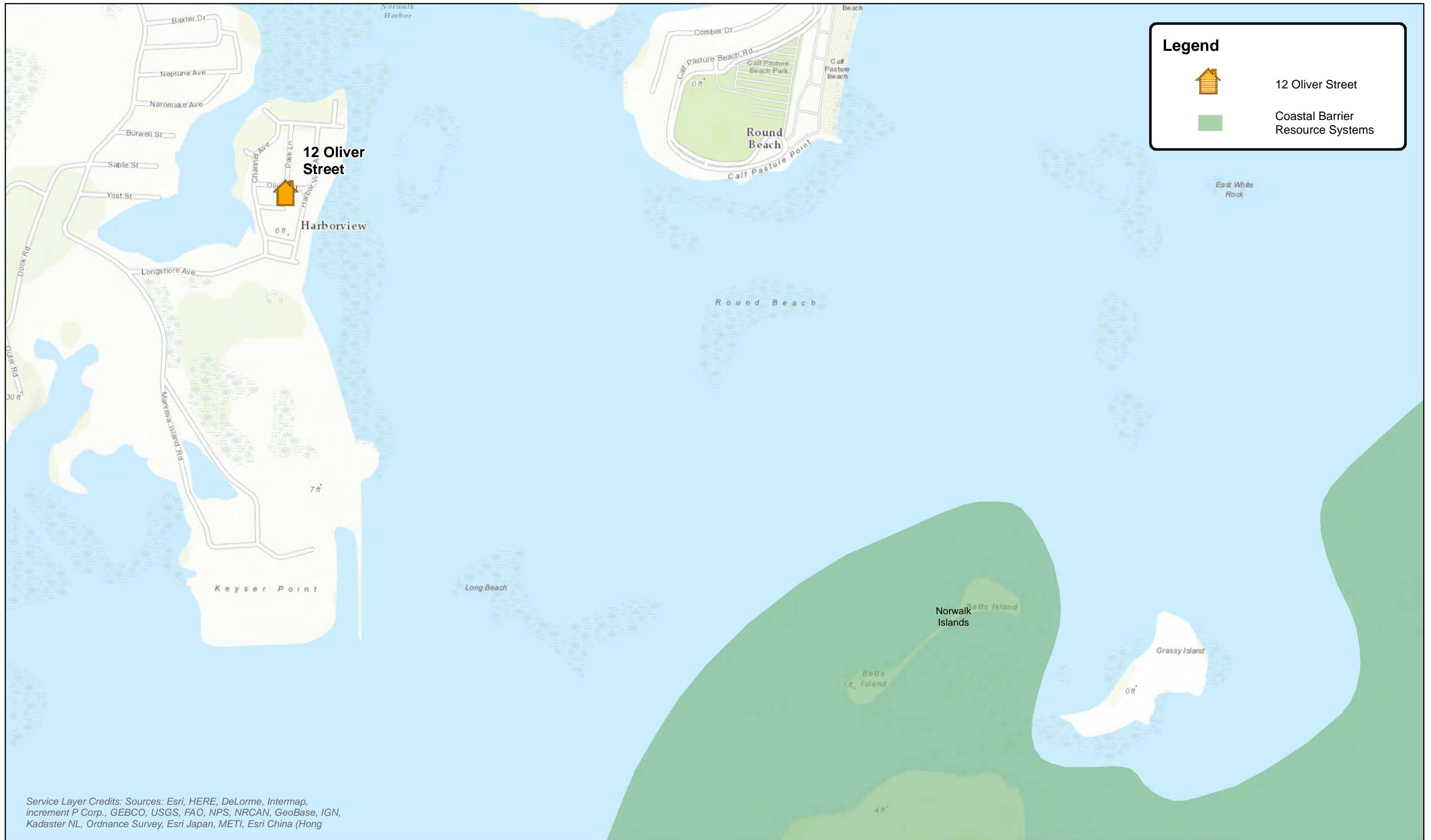
In town alphabetical order

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





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Fax: 860-436-4626
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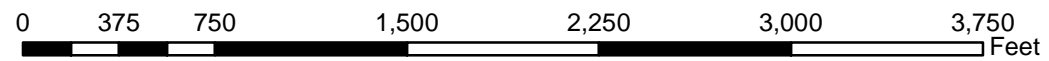
Attachment 8 – Checklist Item 12B Documentation – Coastal Barrier Resource System



Legend

-  12 Oliver Street
-  Coastal Barrier Resource Systems

Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong



Date: 12/2/2015



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



Facility Support Services, LLC

Environmental & Safety Consulting Engineers

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

**Hazardous Materials
Inspection Report**

Applicant No. 1236

**12 Oliver Street
Norwalk, 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

March 30, 2015

FSS #22214-1236

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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VI. Conclusions & Recommendations	5

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Table 1	Summary of Laboratory Analysis of Spore Types
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ATTACHMENTS

Attachment A	Mold Analytical Data
Attachment B	Lead Analytical Data
Attachment C	Asbestos Analytical Data
Attachment D	FSS Licensure

I. Introduction

Facility Support Services, LLC (FSS) was contracted by Martinez, Couch & Associates, and LLC (MCA) to perform a limited scope hazardous materials survey of 12 Oliver Street in Norwalk, 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. Due to the proposed plan to elevate the house above the ground surface, no radon testing was conducted.

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 March 13, 2014. Testing for total spores in air was conducted for the following areas of the Site to identify concerns with indoor air quality related to mold and fungi:

- Basement
- First Floor
- Outside of House

The outside ambient air sample provided a background reference sample (collected from a location in the front yard). Mike 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.

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. See Table 1 below for an outline of the mold analytical results.

Table 1
Summary of Laboratory Analysis of Spore Types
12 Oliver Street, Norwalk, Connecticut

Sample Number & Location	Raw Count	Total Fungi (Count/m ³)	Spore Types Present
22214-1236-MS1 Basement	91	1,920	Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Ganoderma, Myxomycetes, Rust
22214-1236-MS2 1 st Floor	98	2,100	Alternaria, Ascospores, Aspergillus/Penicillium, Basidiospores, Chaetomium, Cladosporium, Epicoccum, Ganoderma, Myxomycetes, Pithomyces
22214-1236-MS3 Outside	4	80	Ascospores, Cladosporium, Rust

The most prevalent mold species in the interior samples was Aspergillus/Penicillium.

Aspergillus/Penicillium - Can be associated with hay fever and asthma, and can grow on a wide range of substrates indoors, and are prevalent in water-damaged buildings and where foods are stored.

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

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

FSS's investigation found total spore concentrations inside the Site residence of up to 2,100/m³, which is below the 10,000/m³ level noted above.

The American Conference of Government Industrial Hygienists (ACGIH) stated that indoor mold levels are generally less than 1/3 the outdoor level and that when indoor mold is at more than this level remedial action should be taken to find the source of the elevated counts and to clean it up. However, this is a general rule and may be inaccurate and unreliable method for screening buildings for mold. FSS's investigation found a total spore concentration in the interior samples at levels over 20 times the outside sample

FSS did not identify any visible signs of mold growth in the residence.

III. Asbestos

FSS conducted a limited scope asbestos inspection and bulk sampling on March 13, 2015 of suspect building materials that are proposed for renovations. The inspection was conducted by Mike DiFabio, a State of Connecticut licensed Asbestos Inspector. Mr. DiFabio's Connecticut Asbestos Inspectors license is provided in Appendix D.

The following suspect materials were indentified during the inspection:

- Joint Cement (Boiler Vent)
- Vent Caulking (Exterior Foundation)
- Window Caulking (Exterior Foundation)
- Basement Door (Gray Paneling)

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 following tested materials are greater than the 1% required to confirm a material as asbestos containing.

- Basement Door (Gray Paneling)

IV. PCBs

Following an inspection of building materials proposed for renovations, no suspected PCB-containing materials were identified.

V. Lead

The subject residential structure was built prior to 1978 (1959) 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 Gilbertco Lead Inspections, LLC (Gilbertco) utilizing a Protec LPA-1 X-Ray Fluoroscope Spectrum Analyzer with a Cobalt 57 source. A copy of the Gilbertco Lead Inspection Report is provided in Appendix E. The findings of the investigation determined all areas tested negative for lead based paint ($>1.0 \text{ mg/cm}^2$):

Non-Intact Materials

Following the HUD Lead-Safe Housing Guidelines, non-intact materials should undergo interim measures to abate the hazard. There were no non-intact lead containing materials have been identified.

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. No materials tested positive for lead, therefore potential demolition materials did not require TCLP analysis.

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 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 - Asbestos containing materials (>1% asbestos) were identified in one material proposed for renovation or demolition:

- Basement Door (Gray Paneling)

An asbestos workplan will be required for removal and proper disposal of this material.

PCBs - No suspected PCB-containing materials were identified in proposed renovation materials.

Mold – Mold spore count analysis indicates minor mold growth in the basement and first floor the residence (when comparing indoor mold spore count numbers to exterior spore count numbers and spore types). No visible contaminated materials were observed. FSS recommends a mold abatement plan for basement materials and any visibly identifiable mold areas being developed.

Radon – Due to the proposed elevating of the residence, above the ground level, no radon testing was conducted.

Lead - No lead-containing paints were identified at the residence. FSS has evaluated proposed demolition materials against the XRF lead evaluation of painted surfaces. Based on this evaluation, the materials proposed for demolition will not contain levels of leachable lead above the hazardous waste determination level.

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

Order ID: 241500978
Customer ID: FSS93
Customer PO:
Project ID:

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

Phone: (203) 288-1281
Fax: (203) 248-4409
Collected: 03/13/2015
Received: 03/16/2015
Analyzed: 03/20/2015

Proj: 22214-1236-12 OLIVER

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

Lab Sample Number:	241500978-0001			241500978-0002			241500978-0003		
Client Sample ID:	22214-1236-MS1			22214-1236-MS2			22214-1236-MS3		
Volume (L):	150			150			150		
Sample Location:	Basement			1st floor			Outside		
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria	-	-	-	1	20	1	-	-	-
Ascospores	9	200	10.4	12	250	11.9	1	20	25
Aspergillus/Penicillium	46	970	50.5	25	530	25.2	-	-	-
Basidiospores	5	100	5.2	8	200	9.5	-	-	-
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	16	340	16.2	-	-	-
Cladosporium	23	490	25.5	17	360	17.1	2	40	50
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	1	20	1	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	4	80	4.2	2	40	1.9	-	-	-
Myxomycetes++	3	60	3.1	14	300	14.3	-	-	-
Pithomyces	-	-	-	2	40	1.9	-	-	-
Rust	1	20	1	-	-	-	1	20	25
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	91	1920	100	98	2100	100	4	80	100
Hyphal Fragment	9	200	-	4	80	-	-	-	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	4	-	-	-	-
Fibrous Particulate (1-4)	-	2	-	-	4	-	-	-	-
Background (1-5)	-	3	-	-	4	-	-	1	-

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: 03/20/2015 17:09:27



EMSL Analytical, Inc.

29 North Plains Highway, Unit # 4 Wallingford, CT 06492
Phone/Fax: 203-284-5948 / (203) 284-5978
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Collected: 03/13/2015
Received: 03/16/2015
Analyzed: 03/20/2015

Proj: 22214-1236-12 OLIVER

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

Lab Sample Number:	241500978-0004		
Client Sample ID:	22214-1236-MS4		
Volume (L):	0		
Sample Location:	Blank		
Spore Types	Raw Count	Count/m³	% of Total
Alternaria	-	-	-
Ascospores	-	-	-
Aspergillus/Penicillium	-	-	-
Basidiospores	-	-	-
Bipolaris++	-	-	-
Chaetomium	-	-	-
Cladosporium	-	-	-
Curvularia	-	-	-
Epicoccum	-	-	-
Fusarium	-	-	-
Ganoderma	-	-	-
Myxomycetes++	-	-	-
Pithomyces	-	-	-
Rust	-	-	-
Scopulariopsis	-	-	-
Stachybotrys	-	-	-
Torula	-	-	-
Ulocladium	-	-	-
Unidentifiable Spores	-	-	-
Zygomycetes	-	-	-
Total Fungi	-	No Trace	-
Hyphal Fragment	-	-	-
Insect Fragment	-	-	-
Pollen	-	-	-
Analyt. Sensitivity 600x	-	0	-
Analyt. Sensitivity 300x	-	0*	-
Skin Fragments (1-4)	-	-	-
Fibrous Particulate (1-4)	-	-	-
Background (1-5)	-	-	-

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: 03/20/2015 17:09:27

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



Microbiology Chain of Custody EMSL Order Number (Lab Use Only):

241500978

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

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

Company: Facility Support Services, LLC.		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same <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: 22214-1236-12 Oliver		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail			
U.S. State Samples Taken: CT		Connecticut Samples: <input type="checkbox"/> Commercial <input checked="" type="checkbox"/> Residential			
Turnaround Time (TAT) Options* - Please Check					
<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>*Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide. TATs are subject to methodology requirements</small>					
Non Culturable Air Samples (Spore Traps) - Test Codes					
<ul style="list-style-type: none"> <li style="width: 25%;">• M001 Air-O-Cell <li style="width: 25%;">• M173 Allegro M2 <li style="width: 25%;">• M004 Allergenco <li style="width: 25%;">• M032 Allergenco-D <li style="width: 25%;">• M049 BioSIS <li style="width: 25%;">• M003 Burkard <li style="width: 25%;">• M043 Cyclex <li style="width: 25%;">• M002 Cyclex-d <li style="width: 25%;">• M030 Micro 5 <li style="width: 25%;">• M174 MoldSnap <li style="width: 25%;">• M176 Relle Smart <li style="width: 25%;">• M130 Via-Cell <li style="width: 25%;">• M172 Versa Trap 					
Other Microbiology Test Codes					
<ul style="list-style-type: none"> <li style="width: 33%;">• M041 Fungal Direct Examination <li style="width: 33%;">• M014 Endotoxin Analysis <li style="width: 33%;">• M029 Enterococci <li style="width: 33%;">• M005 Viable Fungi ID and Count <li style="width: 33%;">• M015 Heterotrophic Plate Count <li style="width: 33%;">• M019 Fecal Coliform <li style="width: 33%;">• M006 Viable Fungi ID and Count (Speciation) <li style="width: 33%;">• M180 Real Time Q-PCR-ERMI 36 <li style="width: 33%;">• M133 MRSA Analysis <li style="width: 33%;">• M007 Culturable Fungi <li style="width: 33%;">• Panel <li style="width: 33%;">• M028 <i>Cryptococcus neoformans</i> Detection <li style="width: 33%;">• M008 Culturable Fungi (Speciation) <li style="width: 33%;">• M018 Total Coliform (Membrane Filtration) <li style="width: 33%;">• M120 <i>Histoplasma capsulatum</i> Detection <li style="width: 33%;">• M009 Gram Stain Culturable Bacteria <li style="width: 33%;">• M020 Fecal <i>Streptococcus</i> (Membrane Filtration) <li style="width: 33%;">• M033-39 Allergen Testing <li style="width: 33%;">• M010 Bacterial Count and ID - 3 Most Prominent <li style="width: 33%;">• M210-215 <i>Legionella</i> Detection <li style="width: 33%;">• M044 Group Allergen (Cat, Dog, Cockroach, Dustmites) <li style="width: 33%;">• M011 Bacterial Count and ID - 5 Most Prominent <li style="width: 33%;">• M026 Recreational Water Screen <li style="width: 33%;">• Other See Analytical Price Guide <li style="width: 33%;">• M013 Sewage Contamination in Buildings <li style="width: 33%;">• M027 Mycotoxin Analysis 					
Preservation Method (Water):					
Name of Sampler:		Signature of Sampler:			
Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
Example: A1	Kitchen	Air	M001	75L	1/1/12 4:00 PM
22214-1236-MS1	Basement	Air	M001	150L	3/13/15 13:10-13:20
22214-1236-MS2	1st Floor	↓	↓	150L	↓ 13:25-13:35
22214-1236-MS3	Outside	↓	↓	150L	↓ 13:40-13:50
22214-1236-MS4	Blank	↓	↓	—	↓ —
Client Sample # (s): MS1 - MS4		Total # of Samples: 4			
Relinquished (Client): <i>None</i>		Date: 3/14/15	Time: 12:15		
Received (Client):		Date:	Time:		
Comments:					

RECEIVED

MAR 16 2015

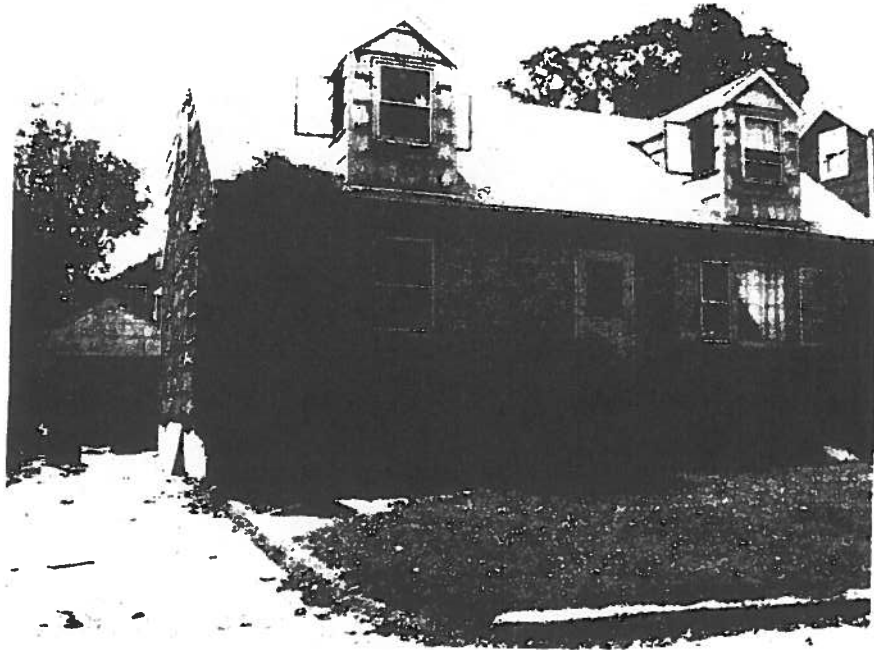
By: *[Signature]*

DB

ATTACHMENT B
LEAD ANALYTICAL DATA

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

**12 OLIVER STREET
NORWALK, CONNECTICUT**



**DATE:
MARCH 13, 2015**

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



GILBERTCO LEAD INSPECTIONS, LLC

“LEAD BASED PAINT SPECIALIST”

March 13, 2015

Job 031315-2

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

**Re: Lead Based Paint Inspection: 12 Oliver Street, Norwalk, Connecticut
Owner- Raymond Reynolds**

Gilbertco Lead Inspections LLC performed a limited XRF inspection for the presence of lead based paint at 12 Oliver Street, Norwalk, Connecticut. The inspection was requested by Facility Support Services in response to a proposed lifting and renovation of the home through the State of Connecticut Department of Housing Community Block Grant Disaster Recovery Program.

The site inspected consists of a single family, cape style home built about 1959. The home was found to be in disrepair with many walls, ceiling and trim removed. The exterior is wood shingles with original windows. There are no children under the age of six currently residing here.

In accordance with Manufacturers Performance Characteristic Sheet, the RMD LPA-1 - XRF spectrum analyzer was used in the “Quick” assaying mode This enables the equipment to accurately determine whether the result is “Positive”, above the 1.0 mg/cm² 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/cm² through 1.1 mg/cm² are considered “Inconclusive”, meaning the value level of lead in paint was so close to the 1.0 mg/cm² 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/cm² 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.

287 Main Street
Ansonia, CT 06401
203-732-2615 - FAX 866-437-8191
Toll Free In CT Only 1-800-959-2985

In regards to the above mentioned property, *no lead based painted surfaces or lead based paint hazards were identified*. A lead based paint hazard is “any condition that causes lead 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...” (The Residential Lead Based Paint Hazard Reduction Act of 1992 – Title X).

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

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

This lead inspection report need not 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: 12 OLIVER STREET
NORWALK, CONNECTICUT

PROJECT NUMBER: 031315-2

TEST DATE: MARCH 13, 2015

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

INSTRUMENTATION: LPA-1 SERIAL NUMBER L7-643 (PROTEC)
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
MT(ASCP)- BS- Medical Technology
CLS- Clinical Laboratory Scientist

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.

Mamun D Inmad 3/13/2015

12 Oliver Street, Norwalk, Connecticut

March 13, 2015

Reading	RmNum	Room	Side	Component	Condition	Substrate	mg/cm2	Decision
1	1	Living Rm	1	Door	Intact	Wood	-0.2	Negative
2	1	Living Rm	1	Window Sill/stool	Intact	Wood	0	Negative
3	1	Living Rm	1	Window Sash	Intact	Wood	0	Negative
4	1	Living Rm	1	Window Well/trough	Defective	Wood	0.5	Negative
5	1	Living Rm	1	Window Sash	Defective	Wood	0	Negative
6	1	Living Rm	3	Ext Sash	Intact	Wood	0	Negative
7	1	Living Rm	3	Window Well/trough	Intact	Wood	0	Negative
8	1	Living Rm	3	Window Sash	Intact	Wood	0.1	Negative
				*no walls, ceiling,, bb trim				
9	2	Kitchen	1	Radiator	Intact	Metal	0.1	Negative
10	2	Kitchen	4	Window Sill/stool	Intact	Wood	-0.1	Negative
11	2	Kitchen	4	Window Sash	Intact	Wood	0	Negative
12	2	Kitchen	4	Window Well/trough	Intact	Wood	-0.1	Negative
13	2	Kitchen	4	Window Sash	Intact	Wood	0	Negative
14	2	Kitchen	3	Door	Defective	Wood	-0.1	Negative
15	2	Kitchen	2	Cabinet	Intact	Wood	-0.1	Negative
				* no walls, ceiling, bb				
16	3	Front Left BR	1	Window Sash	Intact	Wood	-0.2	Negative
17	3	Front Left BR	1	Window Well/trough	Intact	Wood	0.6	Negative
18	3	Front Left BR	1	Exterior Sash	Intact	Wood	-0.1	Negative
19	3	Front Left BR	1	Window Stop	Intact	Wood	-0.3	Negative
				*no walls,ceiling, bb trim				
20	4	Rear Left BR	3	Window Sash	Intact	Wood	-0.1	Negative
21	4	Rear Left BR	3	Window Well/trough	Intact	Wood	0	Negative
22	4	Rear Left BR	3	Exterior Sash	Intact	Wood	0	Negative
				*no walls, ceiling, BB trim				
23	5	Bathroom	3	Window Sash	Intact	Wood	0	Negative
24	5	Bathroom	3	Window Well/trough	Intact	Wood	-0.1	Negative
25	5	Bathroom	3	Window Sash	Intact	Wood	0.1	Negative
26	5	Bathroom	3	Window Stop	Intact	Wood	-0.5	Negative
27	6	Stairs to 2nd Fl	2	Wall	Intact	Dry wall	-0.2	Negative
28	6	Stairs to 2nd Fl	4	Wall	Intact	Dry wall	0	Negative
29	6	Stairs to 2nd Fl	3	Wall	Intact	Dry wall	-0.2	Negative
30	6	Stairs to 2nd Fl	3	Ceiling	Intact	Dry wall	-0.1	Negative
31	7	2nd Fl Left BR	4	Door	Intact	Wood	0	Negative
32	7	2nd Fl Left BR	4	Door Jamb	Intact	Wood	-0.1	Negative

12 Oliver Street, Norwalk, Connecticut

March 13, 2015

33	7	2nd Fl Left BR	4	Wall	Intact	Dry wall	-0.3	Negative
34	7	2nd Fl Left BR	3	Wall	Intact	Dry wall	-0.2	Negative
35	7	2nd Fl Left BR	2	Wall	Intact	Dry wall	-0.2	Negative
36	7	2nd Fl Left BR	1	Wall	Intact	Dry wall	-0.2	Negative
37	7	2nd Fl Left BR	1	Ceiling	Intact	Dry wall	-0.1	Negative
38	7	2nd Fl Left BR	4	Closet Door	Intact	Wood	-0.3	Negative
39	7	2nd Fl Left BR	4	Clo Dr Csng	Intact	Wood	0.1	Negative
40	7	2nd Fl Left BR	4	Closet Shelf	Intact	Wood	-0.3	Negative
41	7	2nd Fl Left BR	4	Shelf Support	Intact	Wood	-0.2	Negative
42	7	2nd Fl Left BR	4	Closet Wall	Intact	Wood	-0.3	Negative
43	7	2nd Fl Left BR	3	Window Sill/stool	Intact	Wood	-0.2	Negative
44	7	2nd Fl Left BR	3	Window Sash	Intact	Wood	-0.1	Negative
45	7	2nd Fl Left BR	3	Window Well/trough	Intact	Wood	0	Negative
46	7	2nd Fl Left BR	3	Ext Sash	Intact	Wood	0	Negative
47	7	2nd Fl Left BR	3	Radiator	Intact	Metal	-0.1	Negative
48	8	2nd Fl Bath	2	Wall	Intact	Dry wall	-0.2	Negative
49	8	2nd Fl Bath	4	Wall	Intact	Dry wall	-0.1	Negative
50	8	2nd Fl Bath	1	Wall	Intact	Dry wall	-0.3	Negative
51	8	2nd Fl Bath	1	Ceiling	Intact	Dry wall	-0.2	Negative
52	8	2nd Fl Bath	4	Cabinet	Intact	Wood	-0.1	Negative
53	8	2nd Fl Bath	3	Window Sash	Intact	Wood	-0.1	Negative
54	9	2nd Fl Right BR	2	Door	Intact	Wood	-0.3	Negative
55	9	2nd Fl Right BR	2	Door Casing	Intact	Wood	-0.4	Negative
56	9	2nd Fl Right BR	2	Door Jamb	Intact	Wood	-0.1	Negative
57	9	2nd Fl Right BR	2	Wall	Intact	Dry wall	-0.2	Negative
58	9	2nd Fl Right BR	3	Wall	Intact	Dry wall	0	Negative
59	9	2nd Fl Right BR	3	Ceiling	Intact	Dry wall	-0.2	Negative
60	9	2nd Fl Right BR	4	Wall	Intact	Dry wall	-0.2	Negative
61	9	2nd Fl Right BR	3	Window Sill/stool	Intact	Wood	-0.1	Negative
62	9	2nd Fl Right BR	3	Window Sash	Intact	Wood	0	Negative
63	9	2nd Fl Right BR	3	Window Trim	Intact	Wood	0	Negative
64	9	2nd Fl Right BR	3	Window	Intact	Wood	-0.4	Negative
65	9	2nd Fl Right BR	2	Closet Door	Intact	Wood	-0.4	Negative
66	9	2nd Fl Right BR	2	Clo Dr Csng	Intact	Wood	0.1	Negative
67	9	2nd Fl Right BR	2	Ceiling	Intact	Dry wall	-0.2	Negative
68	10	Exterior	1	Door	Intact	Wood	0.4	Negative
69	10	Exterior	1	Door Jamb	Intact	Wood	0.4	Negative
70	10	Exterior	1	Door- blue	Defective	Wood	0.5	Negative
71	10	Exterior	1	Siding	Defective	Wood	0.1	Negative
72	10	Exterior	1	Corner trim	Defective	Wood	0.1	Negative
73	10	Exterior	2	Window sill	Defective	Wood	-0.2	Negative
74	10	Exterior	2	WindowCasing	Defective	Wood	-0.3	Negative
75	10	Exterior	3	Siding	Defective	Wood	0	Negative
76	10	Exterior	3	Window trim	Defective	Wood	-0.1	Negative

**12 Oliver Street, Norwalk, Connecticut
March 13, 2015**

77	10	Exterior	3	Window Sill	Defective	Wood	0	Negative
78	10	Exterior	3	Kickplate	Defective	Wood	0.1	Negative
79	10	Exterior	3	Threshold	Defective	Wood	-0.1	Negative
80	10	Exterior	3	Railing	Defective	Metal	-0.1	Negative
81	10	Exterior	4	Siding	Defective	Wood	0	Negative
82	10	Exterior	4	Corner trim	Defective	Wood	0	Negative
83	10	Exterior	4	Window Casing	Defective	Wood	0	Negative
84	10	Exterior	4	Window Sill	Defective	Wood	0.5	Negative

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

Lead Warning Statement

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

Lessor's Disclosure

(a) Presence of lead-based paint and/or lead-based paint hazards (check (i) or (ii) below):

(i) _____ Known lead-based paint and/or lead-based paint hazards are present in the housing (explain).

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

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

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

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

Lessee's Acknowledgment (initial)

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

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

Agent's Acknowledgment (initial)

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

Certification of Accuracy

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

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

ATTACHMENT C
ASBESTOS LABORATORY ANALYTICAL DATA

**EMSL Analytical, Inc.**

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

EMSL Order: 241500976
 CustomerID: FSS93
 CustomerPO:
 ProjectID:

Attn: **Michael DiFabio** Phone: (203) 288-1281
Facility Support Services, LLC Fax: (203) 248-4409
2685 State Street Received: 03/14/15 12:10 PM
Hamden, CT 06517 Analysis Date: 3/23/2015
 Collected: 3/13/2015
 Project: 22214-1236-12 Oliver

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
22214_1236_03130 1A 241500976-0001	Boiler vent joint cement (into chimney)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
22214_1236_03130 1B 241500976-0002	Boiler vent joint cement (into chimney)	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
22214_1236_03130 1C 241500976-0003	Boiler vent joint cement (into chimney)	Gray Non-Fibrous Homogeneous		20% Quartz 80% Non-fibrous (other)	None Detected
22214_1236_03130 2A 241500976-0004	Exterior foundation vent caulking	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
22214_1236_03130 2B 241500976-0005	Exterior foundation vent caulking	Tan Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
22214_1236_03130 2C 241500976-0006	Exterior foundation vent caulking	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
22214_1236_03130 3A 241500976-0007	Exterior foundation window caulking	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected

Analyst(s)

Kristin Lopez (4)
 Lauren Brennan (8)

Gloria V. Oriol, Laboratory Manager
 or other approved signatory

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

Initial report from 03/23/2015 11:35:11



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

EMSL Order: 241500976
CustomerID: FSS93
CustomerPO:
ProjectID:

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

Hamden, CT 06517
Project: **22214-1236-12 Oliver**

Phone: (203) 288-1281
Fax: (203) 248-4409
Received: 03/14/15 12:10 PM
Analysis Date: 3/23/2015
Collected: 3/13/2015

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
22214_1236_03130 3B 241500976-0008	Exterior foundation window caulking	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
22214_1236_03130 3C 241500976-0009	Exterior foundation window caulking	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
22214_1236_03130 4A 241500976-0010	Basement door gray paneling	Gray Fibrous Homogeneous		75% Non-fibrous (other)	25% Chrysotile
22214_1236_03130 4B 241500976-0011	Basement door gray paneling	Gray Fibrous Homogeneous		65% Non-fibrous (other)	35% Chrysotile
22214_1236_03130 4C 241500976-0012	Basement door gray paneling	Gray Fibrous Homogeneous		75% Non-fibrous (other)	25% Chrysotile

Analyst(s)

Kristin Lopez (4)
Lauren Brennan (8)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

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

Initial report from 03/23/2015 11:35:11



Asbestos Chain of Custody

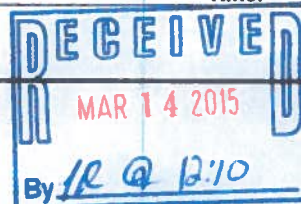
EMSL Order Number (Lab Use Only):

241500976

EMSL Analytical, Inc.
29 North Plains Hwy, Unit 4

Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (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: 22214-1236-12 oliver		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: CT		CT Samples: <input type="checkbox"/> Commercial/Taxable <input checked="" type="checkbox"/> Residential/Tax Exempt	
EMSL-Bill to: <input checked="" type="checkbox"/> Same <input type="checkbox"/> Different - If Bill to is Different note instructions in Comments** <i>Third Party Billing requires written authorization from third party</i>			
Turnaround Time (TAT) Options* - Please Check			
<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>			
PCM - Air <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA PLM - Bulk (reporting limit) <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%)		TEM - Air <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 TEM - Bulk <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 TEM - Water: EPA 100.2 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:		Samplers Signature:	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
22214-1236-0313 01A	Boiler vent Joint Cement (into chimney)		3/13/15
01B	↓		↓
01C			
02A	Exterior Foundation Vent Caulking		
02B	↓		↓
02C			
Client Sample # (s):		Total # of Samples:	
Relinquished (Client):		Date: 3/14/15	
Received (Lab):		Time: 12:15	
Comments/Special Instructions:			



ATTACHMENT D

FSS LICENSURE



State of Connecticut

Lookup Detail View

Name

Name
MIKE V DIFABIO

License Information
lookup

License Type	License Number	Expiration Date	Granted Date	License Name	License Status	Licensure Actions or Pending Charges
Asbestos Consultant-Inspector	898	12/31/2015	02/25/2015	MIKE V DIFABIO	ACTIVE	None

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Attachment 10 – Checklist Item 13D Documentation – Asbestos Containing Materials Removal and Disposal Plan



Facility Support Services, LLC

Environmental & Safety Consulting Engineers

Asbestos Containing Materials Removal/Disposal Work Plan

Crawl Space Entrance Door Panels

**12 Oliver Street
Norwalk, CT 06854**

Applicant No. 1236

Prepared For:

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

Prepared By:

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

Christopher Hudacek
Asbestos Project Designer
CT License No. 000239

April 2, 2015

ACM Removal/Disposal Work Plan

12 Oliver Street Norwalk, Connecticut

The following work plan outlines the intact removal and disposal of two, approximately 1.5'x4', asbestos-containing non-friable cementitious panels from the crawl space door of 12 Oliver Street in Norwalk, Connecticut. The removal shall be conducted by a State of Connecticut licensed asbestos contractor (AC). A State of Connecticut licensed asbestos project monitor (APM) shall conduct a visual inspection of the area at the conclusion of the work to verify that the work has been thoroughly and successfully completed. This inspection shall be scheduled a minimum of 48 hours in advance. The removal of the materials in an intact and non-friable condition that does not damage or generate visible emissions does not require the use of a negative pressure enclosure. If at any time during the removal process the asbestos containing material becomes friable, all removal work must cease and the material must then be treated as a regulated asbestos containing material following all applicable State and Federal Regulations for asbestos abatement. All applicable sections of OSHA, EPA, and State of Connecticut Regulations shall be adhered to as part of this project including 29 CFR 1926.1101.

ASBESTOS REMOVAL PROCEDURE – CRAWL SPACE DOOR PANELS

- A. The Contractor shall have a designated "Competent Person" on the job at all times to ensure proper work practices throughout project.
- B. GFCI devices shall be utilized for all electrical connections made as part of this project.
- C. Establish regulated area to restrict access to only those authorized personnel.
- D. Install one layer of 6-mil polyethylene sheeting to floor beneath panels as a drop cloth.
- E. Workers shall don the proper PPE prior to beginning the removal.
- F. Remove wall panels using the following procedure:
 - 1. Lightly wet each panel with amended water, ensuring that excess water is not used resulting in run-off.
 - 2. Unbolt/unscrew door hinges from wall or door.
 - 3. Carefully lower door with panels still attached and place onto 2 layers of 6-mil polyethylene sheeting. Adequately wet panels with amended water, ensuring that excess water is not used resulting in run-off. Seal poly with spray glue and duct tape for disposal as asbestos waste.
 - 4. Label all asbestos waste in accordance with OSHA 29 CFR 1926.1101(k)(8) as appropriate.

- G. All waste must be properly bagged, labeled, and securely containerized by the end of each work day
- H. After completion of all asbestos containing material removal work the Contractor shall conduct final cleaning, utilizing wet methods and HEPA vacuuming. In addition, drop cloth shall be disposed of as asbestos waste.
- I. After all removal and cleaning procedures have been completed, the project monitor will visually determine that no dust, debris, or residue is present in the work area.
- J. Contractor shall provide Project Engineer (Martinez Couch & Associates, LLC) with all copies of waste manifest documents.



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Attachment 11 – Checklist Item 13E Documentation – Microbial (Mold) Abatement Plan.

Microbial (Mold) Abatement Work Plan

The following work plan outlines the microbial mold abatement of 12 Oliver Street in Norwalk, Connecticut.

1. The Contractor shall have a designated Competent Person: on the job at all times to ensure proper work practices throughout the project.
2. Prior to beginning the clean-up and decontamination process, the contractor shall install at a minimum, a one-stage decontamination unit at the entrance to the area.
3. Workers shall don the proper PPE following 29 CFR 1910.120 prior to beginning the removal. This may include respiratory protection and/or disposable full body coveralls.
4. Microbial abatement shall be implemented using the following procedure:
 - a. If visible mold growth is observed:
 - i. Mold contaminated waste materials shall be handled and removed from specified locations for proper disposal.
 - ii. Materials shall be removed in a manner which does not breakdown the materials into fine dust or powder to the extent feasible. Equipment and tools to be utilized shall include hand tools only to remove materials from adjacent substrates.
 - iii. Any dry or brittle materials shall be removed with additional engineering controls such as use of a HEPA vacuum to removed accumulated dust or debris during removal.
 - iv. Waste shall be immediately placed in disposal containers/storage trailers. The containers shall not be emptied into other containers to avoid dispersal of dust or fugitive emissions.
 - v. The use of minimal but sufficient quantities of water to wet the generated waste prior to collection shall be utilized. Under no circumstances shall the mold waste show evidence of free liquid water, pooling or ponding with the waste stream. Any liquid used to wet the dust and debris to control fugitive emission shall be properly containerized and decontaminated in accordance with CHS Section 22a-463 through 22a-469.
 - b. All remaining surfaces that are disturbed during renovation or demolition.
 - i. Spray one coat of Shockwave Disinfectant & Cleaner (or similar) to all surfaces per the manufacturer's specifications. This includes all floors, walls, and ceilings. Alternate products must be approved by the project consultant.
 - ii. Spray one coat of Aftershock fungicidal coating (or similar) to all surfaces per the manufacturer's specifications. This includes all floors, walls, and ceilings. Alternate products must be approved by the project consultant.



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Attachment 12 – Checklist Item 14A Documentation – Flood Management Certifications – Appendix B
Professional 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: 12 Oliver Street, Norwalk CT

Application Number: 1236

"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."

H. Delore

Signature of Applicant

2/18/2016

Date

Hermia Delore

Name of Applicant (print or type)

COBG-DB Program Mgr

Title

Richard E. Couch

Signature of Professional Engineer

2/15/2016

Date

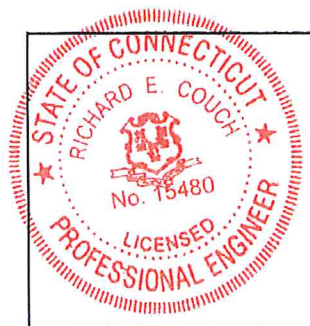
Richard E. Couch

Name of Professional Engineer (print or type)

15480

P.E. Number

Affix P.E. Stâmp Here







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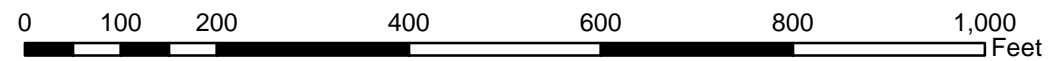
Attachment 13 – Checklist Item 14C Documentation – Tidal Wetlands

Legend

-  12 Oliver Street
-  Tidal Wetland 1990s



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

Date: 12/2/2015