MCA
MARTINEZ COUCH & ASSOCIATES

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www.martinezcouch.com

October 8, 2014

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

RE: Applicant 2035, 8 Third Avenue, Stratford, CT

Dear Ms. Okafor,

This letter is provide a summary description of the Statutory Checklist for CDBG-DR Applicant – 2035 William Onkey.

The following Statutory Checklist Items have backup documentation which are 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 Distressted 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 Management Certification – Appendix B – Professional Certification Form
- Item 14-D – Tidal Wetlands Map
- Item 14-E – Coastal Buffer Map

Checklist list items requiring permitting and/or regulatory review include

- Item 13-C – HUD Lead Safe Housing Rule Inspections and Clearance Exam.

- Item 13-F – Mold
- Item 14-A – Flood Management Certification
- Item 14-E – Review by Town of Stratford Municipal boards will be necessary to obtain a Building Permit

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

Yours Sincerely,

Richard Couch, PE
Member
Martinez Couch & Associates, LLC

Figure E-10 Statutory Checklist

STATUTORY CHECKLIST [§58.35(a) activities]

for Categorical Exclusions and Environmental Assessments

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

Project Name and Identification No. **Project 2035 - 8 Third Avenue, Stratford, CT**

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]	☐	☒	☒	☒	☒	☒	See attachment 1 for determination statement from CT State Historic Preservation Office. Project activities will have an adverse impact. Project construction activities will not begin until the Programmatic Agreement between the Connecticut DECD/DOH/SHPO is completed and all mitigation and documentation requirements are completed to the Connecticut State Historic Preservation Office's satisfaction.
2. Floodplain Management [58.5(b)] [Ex Or 11988] [24 CFR 55]	☐	☐	☒	☒	☐	☐	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09001C0444G, Revised July, 8, 2013 indicates the project site at 8 Third Avenue, Stratford, CT is located inside Zone AE with a base flood elevation of 11 feet defined for the 1% Annual Chance Flood. Refer to Attachment 2 included as documentation.
3. Wetland Protection [58.5 (b)]	☒	☐	☐	☐	☐	☐	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)]	☐	☐	☒	☐	☒	☐	Project site at 8 Third Avenue, Stratford, CT is located inside a Coastal Boundary Zone. Project does not propose any adverse impacts to coastal resources. 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/

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
5. Water Quality – Aquifers [58.5(d)] [40 CFR 149]	☒	☐	☐	☐	☐	☐	On site water and sewer facilites are not included in rehabilitation work for 8 Third Avenue, Stratford, CT. Connecticut DEEP Bureau of Water Protection and Land Reuse map titled 'Connecticut Aquifer Protection Areas' dated December 16, 2013 does not identify aquifer protection areas in the Town of Stratford Connecticut near the project site. See attachment 5 for documentation.
6. Endangered Species [58.5(e)] [16 U.S.C. 1531 et seq.]	☐	☒	☒	☐	☒	☐	Project is located inside 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 Servce Information, Planning, and Conservation (IPaC) List, included as attachment 6B, does not identify any Critical Habitats, or Wildlife Refugees in the project site. One (1) Endangered Species, the Roseate tern, is identified. Project is located 150 feet from a sandy beach. All activity will be contained on the property. Refer to attachment 6 as documentation.
7. Wild and Scenic Rivers [58.5 (f)] [16 U.S.C. 1271 et seq.]	☒	☐	☐	☐	☐	☐	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.]	☒	☐	☐	☐	☐	☐	No quantifiable increase in air pollution is measurable for proposed rehabiliation activities.
9. Farmland Protection [58.5(h)]	☒	☐	☐	☐	☐	☐	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)]	☒	☐	☐	☐	☐	☐	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)]	☒	☐	☐	☐	☐	☐	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)]	☒	☐	☐	☐	☐	☐	The residential structure at 8 Third Avenue, Stratford, CT is located outside the Runway Clear Zone of Tweed/New Haven Commercial Airport.
10 D. Toxic Sites [58.5 (i)(2)(i)]	☒	☐	☐	☐	☐	☐	The project site at 8 Third Avenue, Stratford, CT is, 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

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.
							System (CERCLIS) database search as a Comprehensive Environmental Response and Compensation Liability Act (CERCLA) site; 3. Not located within 3,000 feet of a landfill site as listed on CT DEEP's active landfill list; 4. Not listed on CT DEEP's Underground Storage Tank list 5. Not listed on CT DEEP's list of potentionally contaminated sites and is not known or suspected to be contaminated by toxic chemicals or radioactive materials
11. Environmental Justice [58.5(j)]	☒	☐	☐	☐	☐	☐	The rehabilitation work at the project site, 8 Third Avenue, Stratford, 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 Town of Stratford , 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 2013 listing of distressed municipalities in CT from the CT DECD in which Town of Stratford, CT is not listed.
Document Laws and authorities listed at Sec. 58.6 and other potential environmental concerns							
12 A. Flood Insurance [58.6(a) & (b)]	☐	☒	☒	☒	☐	☒	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09001C0444G, Revised July, 8, 2013 indicates the project site at 8 Third Avenue, Stratford, 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 as documenation.
12 B. Coastal Barriers [58.6(c)]	☒	☐	☐	☐	☐	☐	Project at 8 Third Avenue, Stratford, 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)]	☒	☐	☐	☐	☐	☐	Project does not involve the puchase 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.]	☒	☐	☐	☐	☐	☐	Rehabilitation activities to the residential structure at the project site, 8 Third Avenue, are not expected to affect the capacties 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]	☒	☐	☐	☐	☐	☐	Project activites 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]	☐	☒	☒	☐	☐	☒	Residential Structure at 8 Third Avenue, Stratford, CT was built prior to 1978. The results of a Lead Paint Survey are included in attachment 9, 'Hazardous Materials Inspection Report, 8 Third Avenue, Stratford, CT', dated July, 23 2014, prepared by Facility Support Services, LLC. Lead based paint hazards identified in the survey will be abated or addressed with interim controls where appropriate per attachment 10, 'Lead Remediation Project, prepared by Gilbertco Lead Inspections LLC.
13 D. Asbestos	☒	☐	☐	☐	☐	☐	No Asbestos Containing Materials (ACM's) (>1% asbestos) were identified in sampled materials to be disturbed by project work. Results of sampled materials testing are included in attachment 9, 'Hazardous Materials Inspection Report, 8 Third Avenue, Stratford, CT', dated July, 23 2014, prepared by Facility Support Services, LLC.
13 E. Radon [50.3 (i) 1]	☒	☐	☐	☐	☐	☐	Due to the proposed elevating of the residence, above the ground level, no radon testing was conducted.
13 F. Mold	☐	☒	☒	☐	☐	☒	No specific regulation regarding the levels requiring mold mitigation or abatement are enacted by law in the State of Connecticut. Accelerated mold growth is indicated by testing results at the project site. The procedures and results of the microbial testing for mold spores conducted at the project site are included in attachment 9, 'Hazardous Materials Inspection Report, 8 Third Avenue, Stratford, CT', dated July, 23 2014, 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, Environmemntal & Occupational Health Assessment Program will be required.
Other: State or Local 14 A. Flood Management Certification [CGS 25-68]	☐	☐	☒	☒	☐	☐	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09001C0444G, Revised July, 8, 2013 Identifies the property at 8 Third Avenue, 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 Profesional Certification on Flood Management Certification for the General Permit for the CDBG-DR OORR Program.
14 B. Structures, Dredging & Fill Act [CGS 22a-359 to 22a-363f]	☒	☐	☐	☐	☐	☐	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]	☒	☐	☐	☐	☐	☐	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 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 http://www.cteco.uconn.edu/
14 D. Local inland wetlands/watercourses [CGS 22a-42]	☒	☐	☐	☐	☐	☐	Project rehabilitation work is not expected to impact wetlands/watercourses.
14 E. Various municipal zoning approvals	☐	☒	☒	☒	☐	☐	Rehabiliation activites at the project site will need review by Town of Stratford, CT departments for issuance of required building permits. Project site does not abut coastal waters and project activites do not propose any activity that will substantially alter the natural character of coastal resources resources as defined in C.G.S. 22a-93(7) and is exempt from a coastal site plan review under the Zoning Regulations for the Town of Stratford. See attachment for 13 for mapping identifying no tidal wetlands, coastal bluffs, and escarpments, beaches, and dunes within 100 feet of the property.

DETERMINATION:

☐ This project converts to Exempt, per §58.349a)(12), because it does not require any mitigation for compiance 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/authories requires consultation or itigation. 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 reasult 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:

Name: Richard Couch, PE, Member
Martinez, Couch & Associates, LLC

10/8/2014
Date

Responsible Entity or designee Signature:

Hermia Delaire, CDBG-DR Program Manager

Date

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

JO
2035

Department of Economic and Community Development

Connecticut
still revolutionary

received
10-7-14

September 25, 2014

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

Subject: 8 Third Avenue
Stratford, CT

Dear Ms. Delaire:

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

The property located at 8 Third Avenue appears to be eligible for listing on the National Register of Historic Places as a contributing resource to a potential historic district.

After review of the proposed undertaking for 8 Third Avenue, this office finds that the proposed project, particularly the elevation, will result in an adverse effect to historic resources.

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

Sincerely,

Mary B. Dunne

Mary B. Dunne
Deputy State Historic Preservation Officer

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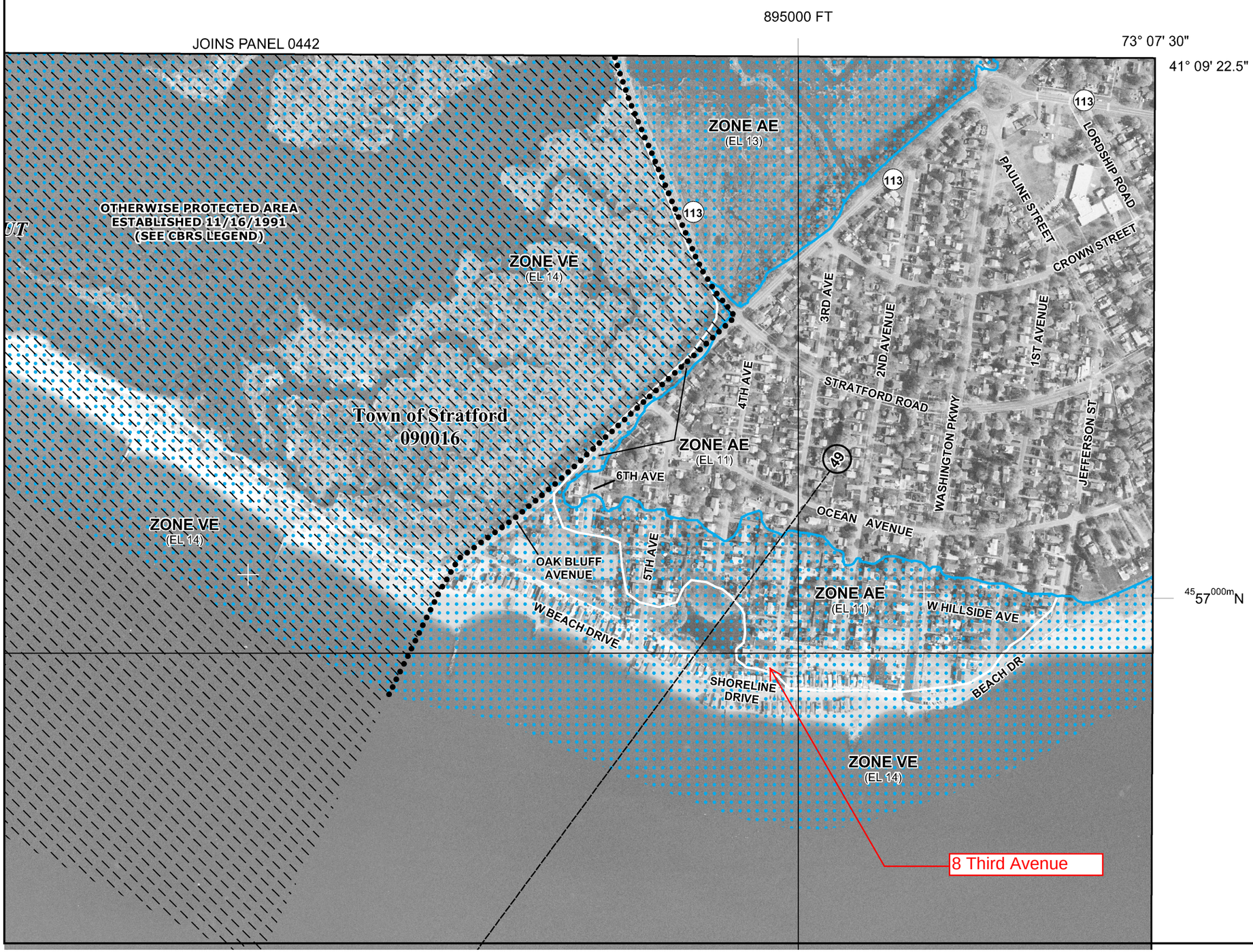
Attachment 2 – Checklist Item # 2, #12A and #14A Documentation – FEMA FIRM Flood Mapping



MAP SCALE 1" = 500'

250 0 500 1000 FEET

NFIP

PANEL 0444G

FIRM

FLOOD INSURANCE RATE MAP

FAIRFIELD COUNTY, CONNECTICUT

(ALL JURISDICTIONS)

PANEL 444 OF 626

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
STRATFORD, TOWN OF	090016	0444	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
09001C0444G

MAP REVISED
JULY 8, 2013

Federal Emergency Management Agency

NATIONAL FLOOD INSURANCE PROGRAM

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Attachment 3 – Checklist Item 3 Documentation– Wetlands Protection

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Date: 5/28/2014

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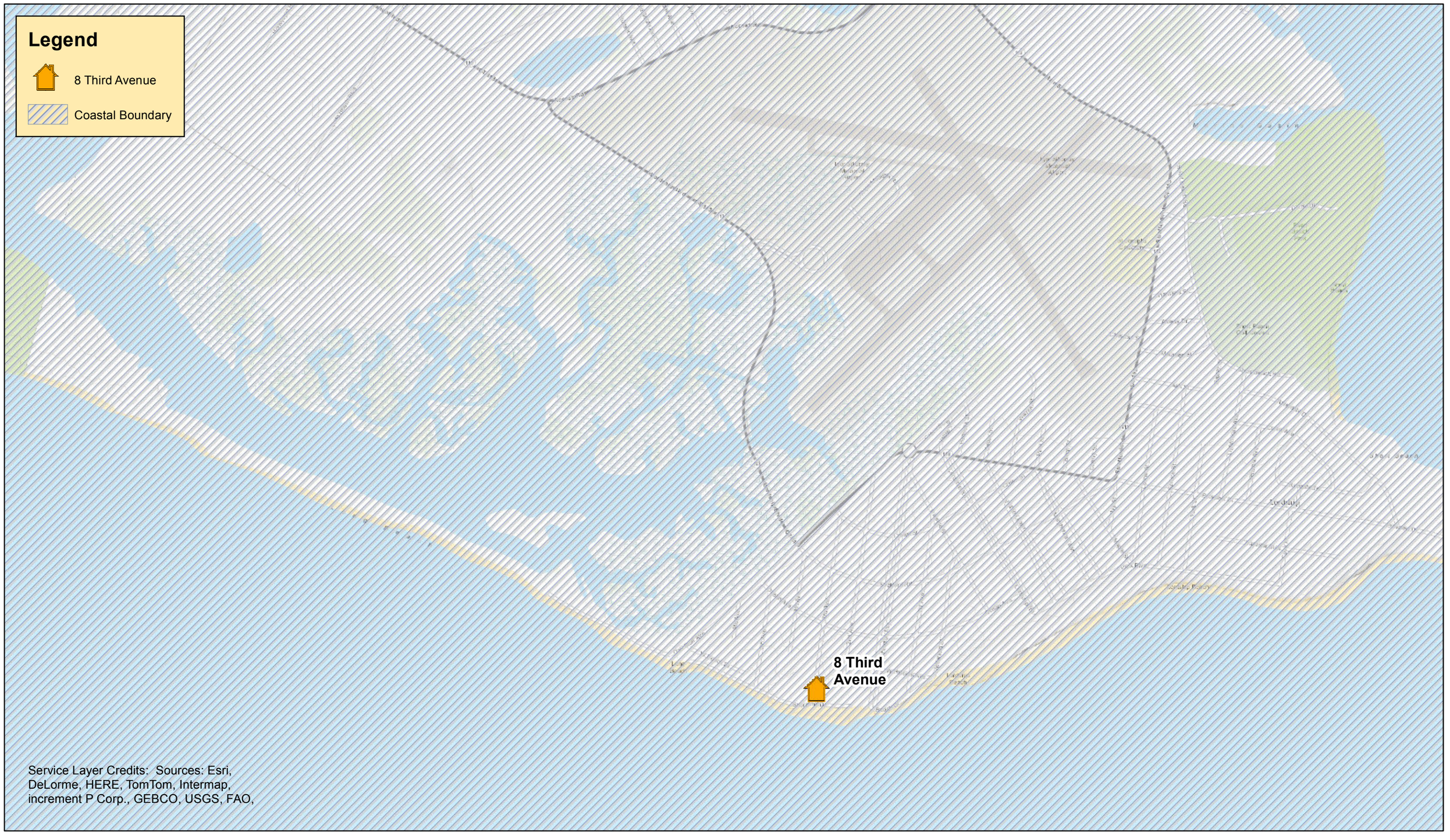
Attachment 4 – Checklist Item 4 Documentation – Coastal Management Zone



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Date: 5/28/2014

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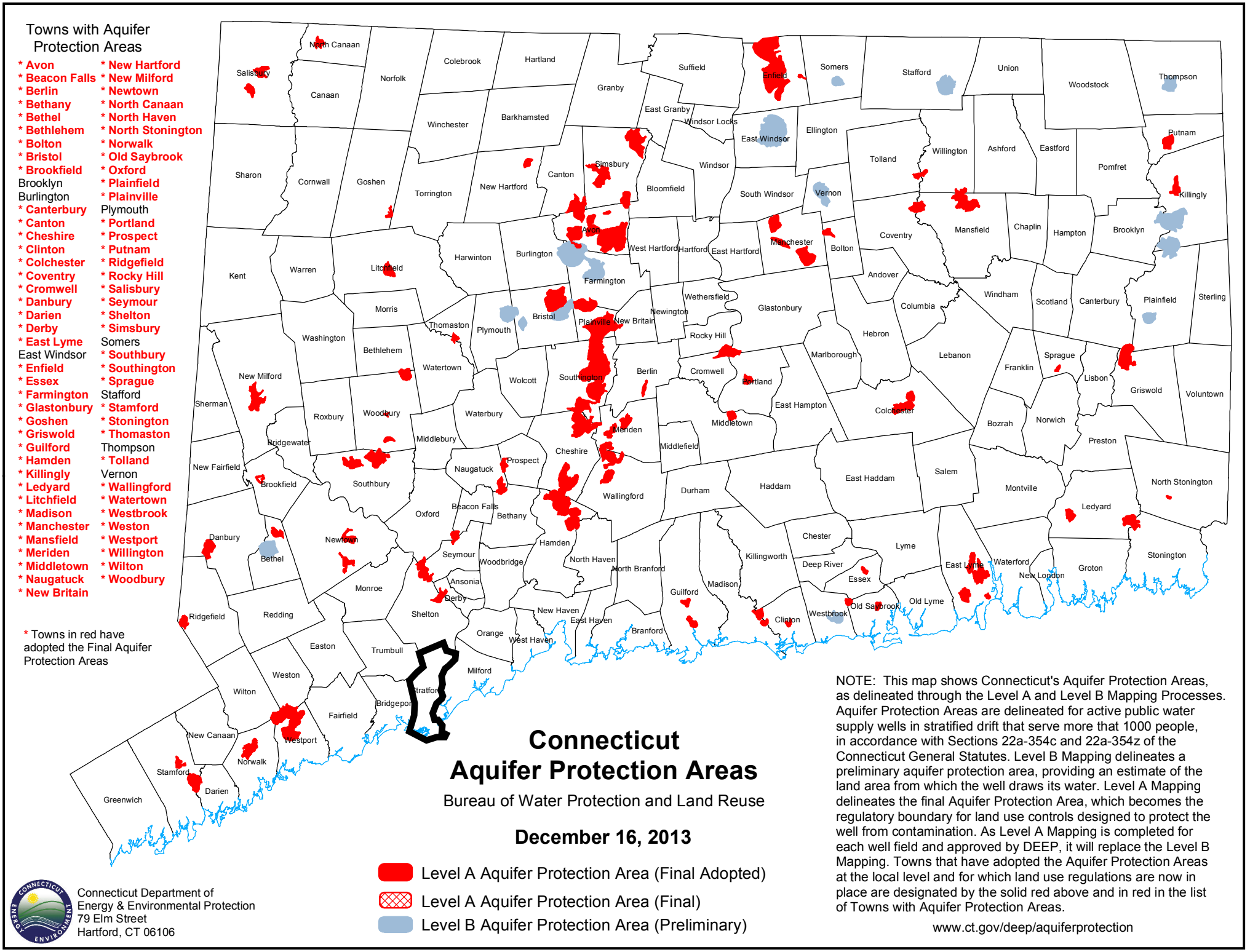
Attachment 5 – Checklist Item 5 Documentation – Water Quality – Aquifers


Towns with Aquifer Protection Areas
* Avon
* Beacon Falls
* Berlin
* Bethany
* Bethel
* Bethlehem
* Bolton
* Bristol
* Brookfield
Brooklyn
Burlington
* Canterbury
* Canton
* Cheshire
* Clinton
* Colchester
* Coventry
* Cromwell
* Danbury
* Darien
* Derby
* East Lyme
East Windsor
* Enfield
* Essex
* Farmington
* Glastonbury
* Goshen
* Griswold
* Guilford
* Hamden
* Killingly
* Ledyard
* Litchfield
* Madison
* Manchester
* Mansfield
* Meriden
* Middletown
* Naugatuck
* New Britain
* New Hartford
* New Milford
* Newtown
* North Canaan
* North Haven
* North 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 16, 2013
Level A Aquifer Protection Area (Final Adopted)
Level A Aquifer Protection Area (Final)
Level B Aquifer Protection Area (Preliminary)
NOTE: This map shows Connecticut's Aquifer Protection Areas, as delineated through the Level A and Level B Mapping Processes. Aquifer Protection Areas are delineated for active public water supply wells in stratified drift that serve more that 1000 people, in accordance with Sections 22a-354c and 22a-354z of the Connecticut General Statutes. Level B Mapping delineates a preliminary aquifer protection area, providing an estimate of the land area from which the well draws its water. Level A Mapping delineates the final Aquifer Protection Area, which becomes the regulatory boundary for land use controls designed to protect the well from contamination. As Level A Mapping is completed for each well field and approved by DEEP, it will replace the Level B Mapping. Towns that have adopted the Aquifer Protection Areas at the local level and for which land use regulations are now in place are designated by the solid red above and in red in the list of Towns with Aquifer Protection Areas.
www.ct.gov/deep/aquiferprotection
Connecticut Department of Energy & Environmental Protection
79 Elm Street
Hartford, CT 06106

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

Legend

8 Third Avenue

Natural Diversity Area

8 Third Avenue

Service Layer Credits: Sources: Esri, DeLorme, HERE, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO,

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N W E S

0 500 1,000 2,000 3,000 4,000 5,000 Feet

Date: 5/28/2014

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

U.S. Fish and Wildlife Service

Natural Resources of Concern

This resource list is to be used for planning purposes only — it is not an official species list.

Endangered Species Act species list information for your project is available online and listed below for the following FWS Field Offices:

New England Ecological Services Field Office
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 3301
(603) 223-2541
http://www.fws.gov/newengland

Project Name:

2035

U.S. Fish and Wildlife Service

Natural Resources of Concern

Project Location Map:

Project Counties:

Fairfield, CT

Geographic coordinates (Open Geospatial Consortium Well-Known Text, NAD83):

MULTIPOLYGON (((-73.1316081 41.1478525, -73.1315652 41.1483049, -73.1311361 41.1482564, -73.1312112 41.1478202, -73.1316081 41.1478525)))

Project Type:

Guidance

U.S. Fish and Wildlife Service

Natural Resources of Concern

Endangered Species Act Species List (USFWS Endangered Species Program).

There are a total of **1** threatened, endangered, or candidate species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fishes may appear on the species list because a project could cause downstream effects on the species. Critical habitats listed under the **Has Critical Habitat** column may or may not lie within your project area. See the **Critical habitats within your project area** section below for critical habitat that lies within your project area. Please contact the designated FWS office if you have questions.

Species that should be considered in an effects analysis for your project:

Birds	Status		Has Critical Habitat	Contact
Roseate tern (*Sterna dougallii dougallii*) Population: northeast U.S. nesting pop.	Endangered	species info		New England Ecological Services Field Office

Critical habitats within your project area:

There are no critical habitats within your project area.

FWS National Wildlife Refuges (USFWS National Wildlife Refuges Program).

There are no refuges found within the vicinity of your project.

FWS Migratory Birds (USFWS Migratory Bird Program).

Most species of birds, including eagles and other raptors, are protected under the Migratory Bird Treaty Act (16 U.S.C. 703). Bald eagles and golden eagles receive additional protection under the Bald and Golden Eagle Protection Act (16 U.S.C. 668). The Service's Birds of Conservation Concern (2008) report identifies species, subspecies, and populations of all migratory nongame birds that, without additional conservation actions, are likely to become listed under the Endangered Species Act as amended (16 U.S.C 1531 et seq.).

Migratory bird information is not available for your project location.

U.S. Fish and Wildlife Service

Natural Resources of Concern

NWI Wetlands (USFWS National Wetlands Inventory).

The U.S. Fish and Wildlife Service is the principal Federal agency that provides information on the extent and status of wetlands in the U.S., via the National Wetlands Inventory Program (NWI). In addition to impacts to wetlands within your immediate project area, wetlands outside of your project area may need to be considered in any evaluation of project impacts, due to the hydrologic nature of wetlands (for example, project activities may affect local hydrology within, and outside of, your immediate project area). It may be helpful to refer to the USFWS National Wetland Inventory website. The designated FWS office can also assist you. Impacts to wetlands and other aquatic habitats from your project may be subject to regulation under Section 404 of the Clean Water Act, or other State/Federal Statutes. Project Proponents should discuss the relationship of these requirements to their project with the Regulatory Program of the appropriate U.S. Army Corps of Engineers District.

There are no wetlands found within the vicinity of your project.

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Fax: 860-436-4626
www.martinezcouch.com

Attachment 7 – Checklist Item 11 Documentation – Environmental Justice

2013 Distressed Municipalities

Ranked by Score

	Total Scores	
Waterbury	1455	1
Hartford	1449	2
New Britain	1446	3
Bridgeport	1380	4
Naugatuck	1349	5
New London	1349	6
Ansonia	1326	7
Windham	1311	8
Plainfield	1296	9
Derby	1284	10
Torrington	1275	11
Killingly	1268	12
Bristol	1261	13
North Canaan	1261	14
Sprague	1256	15
New Haven	1253	16
East Hartford	1246	17
Meriden	1236	18
Enfield	1227	19
Winchester	1210	20
West Haven	1200	21
Groton	1176	22
Putnam	1151	23
Montville	1136	24
Plymouth	1128	25

2013 Distressed Municipalities

In town alphabetical order

	Total Scores
Ansonia	1326
Bridgeport	1380
Bristol	1261
Derby	1284
East Hartford	1246
Enfield	1227
Groton	1176
Hartford	1449
Killingly	1268
Meriden	1236
Montville	1136
Naugatuck	1349
New Britain	1446
New Haven	1253
New London	1349
North Canaan	1261
Plainfield	1296
Plymouth	1128
Putnam	1151
Sprague	1256
Torrington	1275
Waterbury	1455
West Haven	1200
Winchester	1210
Windham	1311

MCA
MARTINEZ COUCH & ASSOCIATES

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

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

MCA
MARTINEZ COUCH & ASSOCIATES, LLC
www.martinezcouch.com

N W E S

0 500 1,000 2,000 3,000 4,000 5,000 Feet

Date: 5/28/2014

MCA
MARTINEZ COUCH & ASSOCIATES

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

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

8 Third Avenue
Stratford, 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

July 23, 2014

FSS #22214-2035

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.

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

2685 State Street • Hamden, Connecticut 06517
Ph: 203-288-1281 • Fax: 203-248-4409
Website: www.fssteam.com

TABLE OF CONTENTS

TABLES

ATTACHMENTS

I. Introduction

Facility Support Services, LLC (FSS) was contracted by Martinez, Couch & Associates, LLC (MCA) to perform a limited scope hazardous materials survey of 8 Third Avenue in Stratford, Connecticut. 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 raising of the residence above grade to accommodate flood levels, FSS did not perform radon testing.

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 June 16, 2014. Testing for total spores in air was conducted for the following areas of 8 Third Avenue in Stratford, Connecticut to identify concerns with indoor air quality related to mold and fungi:

- Living Room
- Outside of House

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

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

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

Table 1
Summary of Laboratory Analysis of Spore Types
8 Third Avenue, Stratford, Connecticut

Sample Number & Location	Raw Count	Total Fungi (Count/m^3)	Spore Types Present
20140616_2035_MS1 Living Room	1,014	21,420	Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Ganoderma, Myxomycetes
20140616_2035_MS2 Outside	726	15,300	Alternaria, Ascospores, Basidiospores, Cladosporium, Epicoccum, Fusarium, Ganoderma, Myzomycetes, rust, Cercospora

The primary mold species in the both indoor and outdoor samples was Ascospores.

Ascospores – Encompasses a wide range of genera worldwide and associated with member of the Phylum Ascomycota. This spore type is found everywhere in nature.

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

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

FSS's investigation found total spore concentrations inside the 8 Third Avenue residence of to 21,420/m^3, which is above the 10,000/m^3 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 sample at a level above the outside sample, well above the 1/3 level noted in the previous paragraph.

III. Asbestos

FSS conducted a limited scope asbestos inspection and bulk sampling on June 16, 2014 of suspect building materials that are proposed for renovations. The inspection was conducted by Kevin Bogue, a State of Connecticut licensed Asbestos Inspector. Mr. Bogue's Connecticut Asbestos Inspectors/Management Planner license is provided in Appendix C.

The following suspect materials were indentified during the inspection:

- White insulation in crawl space
- White insulation in attic
- Green and white linoleum in kitchen
- Black mastic associated with green and white linoleum
- Ceramic tiles and grout in kitchen
- Sheetrock and taping compound (living room and kitchen)
- Spackle (living room b/w bath and closet)
- Grey caulk (exterior window)
- White caulk (interior window)

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 D 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, one suspected PCB-containing materials were identified:

- Mastic associated with green and white linoleum

FSS collected a sample of these materials for laboratory analysis for PCBs by EPA Method 8082A with Soxhlet Extraction. Laboratory data indicates that the PCB content of the interior window glazing was not detected (<0.80 ppm), below the 1 ppm action level for PCBs. No further investigations, or special disposal requirements (for PCBs) are required for these materials.

V. Lead

The subject residential structure was built prior to 1978 (1923) and therefore the likelihood that lead painted surfaces are present is increased. As a residential structure built prior to 1978 the removal of lead painted materials where a child under 6 is housed, or may visit, would trigger the EPA Renovation, Repair and Painting (RRP) rule. Furthermore, adherence to the requirements of The Lead-Safe Housing Rule (US Department of Housing and Urban development, HUD) are stipulated by the Connecticut

Department of Housing (DOH) as part of the Community Development Block Grant – Disaster Recovery Owner Occupied Recovery and Rehabilitation Program.

A building wide XRF inspection was conducted by Maureen Monaco of Gilberto Lead Inspections, LLC (Gilbertco) utilizing a Scitec Map4 Portable X-Ray Fluoroscope Spectrum Analyzer with a Cobalt 57 source. The findings of the investigation determined one area tested positive for lead based paint (>1.0 mg/cm^2):

- Exterior Areas
    - overhang
    - vertical white trim
    - column under house

A copy of the Gilbertco Lead Inspection Report is provided in Appendix E. Following the HUD Lead-Safe Housing Guidelines, on-intact materials should undergo interim measures to abatement the hazard. Non-intact lead containing materials have been identified as the following:

- Exterior Areas
    - overhang
    - vertical white trim
    - column under house

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.

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 tested.

PCBs - One suspected PCB-containing materials was identified in proposed renovation materials and sampled. Results indicates that the mastic associated with the green and white linoleum located in the kitchen did not contained detectable levels of PCBs (<0.80 ppm), below the 1 ppm action level for PCBs, and therefore this materials is unregulated for handling and disposal.

Mold – Mold spore count analysis indicates accelerated mold growth in the residence (when comparing indoor mold spore count numbers to exterior spore count numbers). A mold abatement plan should be incorporated into proposed renovations for this residence.

Lead - Following the HUD Lead-Safe Housing Guidelines, the non-intact areas should undergo interim measures to abatement the hazard.

- Exterior Areas
    - overhang
    - vertical white trim
    - column under house

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:	241402260
Customer ID:	FSS93
Customer PO:	
Project ID:	

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

Phone:	(203) 288-1281
Fax:	(203) 248-4409
Collected:	
Received:	06/16/2014
Analyzed:	06/19/2014

Proj: 22214-2035

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

Lab Sample Number:	241402260-0001			241402260-0002		
Client Sample ID:	20140616-2035-MS1			20140616-2035-MS2		
Volume (L):	150			150		
Sample Location:	Living room			Outside		
Spore Types	**Raw Count**	**Count/m³**	**% of Total**	**Raw Count**	**Count/m³**	**% of Total**
Alternaria	-	-	-	2	40	0.3
Ascospores	520	11000	51.4	276	5820	38
Aspergillus/Penicillium	3	60	0.3	-	-	-
Basidiospores	442	9330	43.6	271	5720	37.4
Bipolaris++	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-
Cladosporium	18	380	1.8	81	1700	11.1
Curvularia	-	-	-	-	-	-
Epicoccum	-	-	-	4	80	0.5
Fusarium	-	-	-	32	680	4.4
Ganoderma	11	230	1.1	19	400	2.6
Myxomycetes++	20	420	2	22	460	3
Pithomyces	-	-	-	-	-	-
Rust	-	-	-	15	320	2.1
Scopulariopsis	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-
Torula	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-
Cercospora	-	-	-	4	80	0.5
Total Fungi	**1014**	**21420**	**100**	**726**	**15300**	**100**
Hyphal Fragment	10	210	1	21	440	2.9
Insect Fragment	-	-	-	-	-	-
Pollen	3	60	0.3	35	740	4.8
Analyt. Sensitivity 600x	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	2	-
Fibrous Particulate (1-4)	-	2	-	-	-	-
Background (1-5)	-	4	-	-	2	-

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

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

Gloria V. Oriol, Laboratory Manager
or Other Approved Signatory

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

Initial report from: 06/19/2014 16:35:02

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

OrderID: 241402260

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Microbiology Chain of Custody

EMSL Order Number (*Lab Use Only*): 241402260

EMSL Analytical, Inc.
29 North Plains Hwy
Unit 4
Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

Company: Facilty Support Services, LLC	**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**
Street: 2685 State Street	*Third Party Billing requires written authorization from third party*
City: Hamden **State/Province:** CT	**Zip/Postal Code:** 06517 **Country:** United States
Report To (Name): Kevin Bogue	**Telephone #:** 203-288-1281
Email Address: kbogue.fss@snet.net	**Fax #:** **Purchase Order:**
Project Name/Number: 22214 - 2035	**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail
U.S. State Samples Taken: CT	**Connecticut Samples:** ☐ Commercial ☒ 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
- **M049** BioSIS
- **M030** Micro 5
- **M173** Allegro M2
- **M003** Burkard
- **M174** MoldSnap
- **M004** Allergenco
- **M043** Cyclex
- **M176** Relle Smart
- **M032** Allergenco-D
- **M002** Cyclex-d
- **M130** Via-Cell
- **M172** Versa Trap

Other Microbiology Test Codes

- **M041** Fungal Direct Examination
- **M005** Viable Fungi ID and Count
- **M006** Viable Fungi ID and Count (Speciation)
- **M007** Culturable Fungi
- **M008** Culturable Fungi (Speciation)
- **M009** Gram Stain Culturable Bacteria
- **M010** Bacterial Count and ID – 3 Most Prominent
- **M011** Bacterial Count and ID – 5 Most Prominent
- **M013** Sewage Contamination in Buildings
- **M014** Endotoxin Analysis
- **M015** Heterotrophic Plate Count
- **M180** Real Time Q-PCR-ERMI 36 Panel
- **M018** Total Coliform (Membrane Filtration)
- **M020** Fecal *Streptococcus* (Membrane Filtration)
- **M210-215** *Legionella* Detection
- **M026** Recreational Water Screen
- **M027** Mycotoxin Analysis
- **M029** *Enterococci*
- **M019** Fecal Coliform
- **M133** MRSA Analysis
- **M028** *Cryptococcus neoformans* Detection
- **M120** *Histoplasma capsulatum* Detection
- **M033-39** Allergen Testing
- **M044** Group Allergen (Cat, Dog, Cockroach, Dustmites)
- **Other** See Analytical Price Guide

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
20140616_2035_MS1	Living Room	Air	M001	150L	
20140616_2035_MS2	Outside	Air	M001	150L	

Client Sample # (s): MS1 - MS2 **Total # of Samples:** 2

Relinquished (Client): Kevin Bogue **Date:** 6/16/14 **Time:**

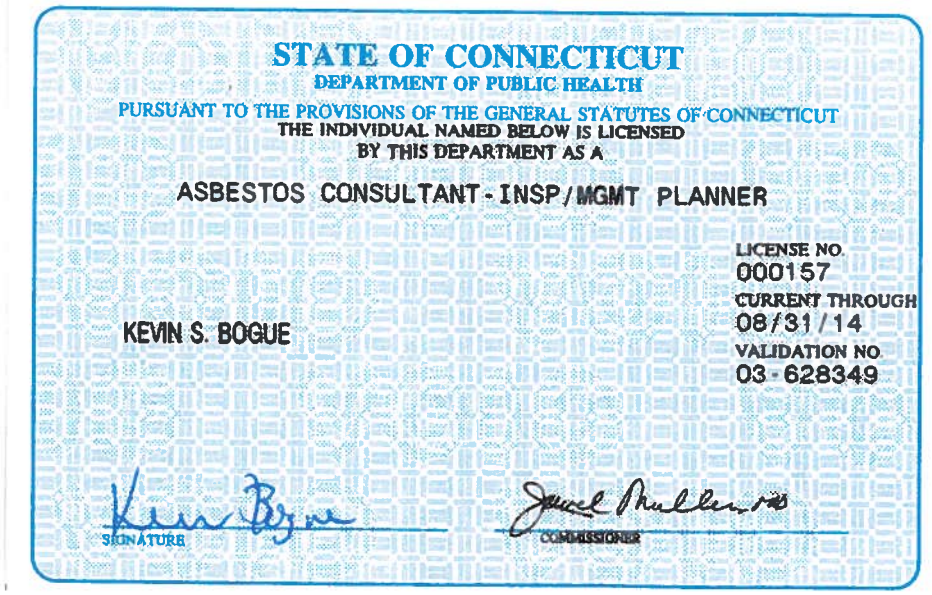
Received (Client): **Date:** **Time:**

Comments:

RECEIVED
JUN 16 2014
By 5:05pm

ATTACHMENT B

FSS LICENSURE



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS LICENSED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT - INSP/MGMT PLANNER

KEVIN S. BOGUE

LICENSE NO.
000157
CURRENT THROUGH
08/31/14
VALIDATION NO.
03-628349

SIGNATURE

COMMISSIONER

ATTACHMENT C

ASBESTOS LABORATORY ANALYTICAL DATA

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

EMSL Order:	241402261
CustomerID:	FSS93
CustomerPO:	
ProjectID:	

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

Hamden, CT 06517

Project: **22214-2035**

Phone:	(203) 288-1281
Fax:	(203) 248-4409
Received:	06/16/14 5:05 PM
Analysis Date:	6/17/2014
Collected:	

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

Sample	Description	Appearance	Non-Asbestos % Fibrous	Non-Asbestos % Non-Fibrous	Asbestos % Type
20140616-2035-S1A *241402261-0001*	Crawl space - white insulation	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	**None Detected**
20140616-2035-S1B *241402261-0002*	Crawl space - white insulation	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
20140616-2035-S2A *241402261-0003*	Attic - white insulation	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)	**None Detected**
20140616-2035-S2B *241402261-0004*	Attic - white insulation	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
20140616-2035-S3A *241402261-0005*	Kitchen - green + white linoleum	Brown/White/Green Fibrous Homogeneous	3% Cellulose 30% Synthetic sample is a composite of vinyl and backing layer	67% Non-fibrous (other)	**None Detected**
20140616-2035-S3B *241402261-0006*	Kitchen - green + white linoleum	Brown/White Non-Fibrous Homogeneous	20% Synthetic 5% Cellulose sample is a composite of vinyl and backing layer	75% Non-fibrous (other)	**None Detected**
20140616-2035-S3C *241402261-0007*	Kitchen - green + white linoleum	Gray/Green Fibrous Homogeneous	<1% Synthetic 8% Glass 5% Cellulose This is a composite result of both vinyl and backing layers.	35% Ca Carbonate 52% Non-fibrous (other)	**None Detected**

Analyst(s)

Lauren Brennan (11)
Santino Ferraro (15)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

Initial report from 06/18/2014 09:59:31

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:	241402261
CustomerID:	FSS93
CustomerPO:	
ProjectID:	

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

Hamden, CT 06517

Project: **22214-2035**

Phone:	(203) 288-1281
Fax:	(203) 248-4409
Received:	06/16/14 5:05 PM
Analysis Date:	6/17/2014
Collected:	

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

			Non-Asbestos				Asbestos
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
20140616-2035-S4A *241402261-0008*	Kitchen - black mastic assoc. w/linoleum	Black Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
20140616-2035-S4B *241402261-0009*	Kitchen - black mastic assoc. w/linoleum	Black Non-Fibrous Homogeneous	<1%	Cellulose	<1% 100%	Ca Carbonate Non-fibrous (other)	**None Detected**
20140616-2035-S5A-Floor Tile *241402261-0010*	Kitchen - floor tile + grout	Beige Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
20140616-2035-S5A-Grout *241402261-0010A*	Kitchen - floor tile + grout	Gray Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
20140616-2035-S5B-Floor Tile *241402261-0011*	Kitchen - floor tile + grout	Beige Non-Fibrous Homogeneous	3%	Cellulose	97%	Non-fibrous (other)	**None Detected**
20140616-2035-S5B-Grout *241402261-0011A*	Kitchen - floor tile + grout	Gray Non-Fibrous Homogeneous	4%	Cellulose	15% 81%	Quartz Non-fibrous (other)	**None Detected**
20140616-2035-S6A *241402261-0012*	Living room + kitchen - sheetrock	Gray Fibrous Homogeneous	9% 6%	Glass Cellulose	85%	Non-fibrous (other)	**None Detected**
20140616-2035-S6B *241402261-0013*	Living room + kitchen - sheetrock	Gray Fibrous Homogeneous	4% 7%	Cellulose Glass	89%	Non-fibrous (other)	**None Detected**

Analyst(s)

Lauren Brennan (11)
Santino Ferraro (15)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

Initial report from 06/18/2014 09:59:31

EMSL Analytical, Inc.
29 North Plains Highway, Unit # 4, Wallingford, CT 06492
Phone/Fax: 203-284-5948 / (203) 284-5978
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2685 State Street

Hamden, CT 06517

Project: **22214-2035**

Phone:	(203) 288-1281
Fax:	(203) 248-4409
Received:	06/16/14 5:05 PM
Analysis Date:	6/17/2014
Collected:	

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

			Non-Asbestos				Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**		**% Non-Fibrous**		**% Type**
20140616-2035-S6C *241402261-0014*	Living room + kitchen - sheetrock	Gray Fibrous Homogeneous	5% 2%	Cellulose Glass	15% 78%	Gypsum Non-fibrous (other)	**None Detected**
20140616-2035-S7A *241402261-0015*	Main floor - taping compound	White Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
20140616-2035-S7B *241402261-0016*	Main floor - taping compound	White Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
20140616-2035-S7C *241402261-0017*	Main floor - taping compound	White Non-Fibrous Homogeneous			60% 40%	Ca Carbonate Non-fibrous (other)	**None Detected**
20140616-2035-S8A *241402261-0018*	Living Rm (b/w bath + closet) - spackle	White Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
20140616-2035-S8B *241402261-0019*	Living Rm (b/w bath + closet) - spackle	White Non-Fibrous Homogeneous	<1%	Cellulose	65% 35%	Ca Carbonate Non-fibrous (other)	**None Detected**
20140616-2035-S9A *241402261-0020*	Exterior window - grey caulk	Gray Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
20140616-2035-S9B *241402261-0021*	Exterior window - grey caulk	Gray Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**

Analyst(s)

Lauren Brennan (11)
Santino Ferraro (15)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

Initial report from 06/18/2014 09:59:31

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:	241402261
CustomerID:	FSS93
CustomerPO:	
ProjectID:	

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

Hamden, CT 06517

Project: **22214-2035**

Phone:	(203) 288-1281
Fax:	(203) 248-4409
Received:	06/16/14 5:05 PM
Analysis Date:	6/17/2014
Collected:	

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

			Non-Asbestos				Asbestos
Sample	**Description**	**Appearance**	**%**	**Fibrous**	**%**	**Non-Fibrous**	**% Type**
20140616-2035-S9C *241402261-0022*	Exterior window - grey caulk	Gray Non-Fibrous Homogeneous			20% 80%	Ca Carbonate Non-fibrous (other)	**None Detected**
20140616-2035-S10A *241402261-0023*	Interior window - white caulk	White Non-Fibrous Homogeneous	<1%	Cellulose	100%	Non-fibrous (other)	**None Detected**
20140616-2035-S10B *241402261-0024*	Interior window - white caulk	White Non-Fibrous Homogeneous	<1%	Cellulose	25% 75%	Ca Carbonate Non-fibrous (other)	**None Detected**

Analyst(s)

Lauren Brennan (11)
Santino Ferraro (15)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

Initial report from 06/18/2014 09:59:31

EMSL Analytical, Inc.
29 North Plains Hwy
Unit 4
Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 241402261

Company : Facilty Support Services, LLC	**EMSL-Bill to:** ☑ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 2685 State Street	
City: Hamden **State/Province:** CT	**Zip/Postal Code:** 06517 **Country:** United States
Report To (Name): Kevin Bogue	**Telephone #:** 203-288-1281
Email Address: kbogue.fss@snet.net	**Fax #:** **Purchase Order:**
Project Name/Number: 22214 – ~~2034~~ 2035	**Please Provide Results:** ☐ Fax ☑ Email ☐ Mail
U.S. State Samples Taken: CT	**CT Samples:** ☐ Commercial/Taxable ☒ Residential/Tax Exempt

Turnaround Time (TAT) Options* – Please Check

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

**For TEM Air 3 hr through 6 hr, please call ahead to schedule.*There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.*

PLM - Bulk (reporting limit)	TEM – Bulk
☒ PLM EPA 600/R-93/116 (<1%)	☐ TEM EPA NOB – EPA 600/R-93/116 Section 2.5.5.1
☐ PLM EPA NOB (<1%)	☐ NY ELAP Method 198.4 (TEM)
Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%)	☐ Chatfield Protocol (semi-quantitative)
Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)	☐ TEM % by Mass – EPA 600/R-93/116 Section 2.5.5.2
☐ NIOSH 9002 (<1%)	☐ TEM Qualitative via Filtration Prep Technique
☐ NY ELAP Method 198.1 (friable in NY)	☐ TEM Qualitative via Drop Mount Prep Technique
☐ NY ELAP Method 198.6 NOB (non-friable-NY)	**Other**
☐ OSHA ID-191 Modified	☐
☐ Standard Addition Method	

☐ **Check For Positive Stop – Clearly Identify Homogenous Group** **Date Sampled:**

Samplers Name: **Samplers Signature:**

Sample #	HA #	Sample Location	Material Description
241402261-2035-S1A	1	~~[illegible]~~ - ~~[illegible]~~ Crawl Space/~~[illegible]~~	White insulation
S1B	1	~~[illegible]~~ - " "	white insulation
241402261-2035-S2A	2	Attic	white insulation
S2B	2	Attic	white insulation
241402261-2035-S3A	3	Kitchen	green white Linoleum
S3B	3	↓	↓
S3C	3	↓	↓
241402261-2035-S4A	4	Kitchen	Black mastic assoc w/ Linoleum
S4B	4	↓	↓

Client Sample # (s): S1A - S10B **Total # of Samples:** 24

Relinquished (Client): Kevin Bogue **Date:** 6/16/14 **Time:**

Received (Lab): **Date:** **Time:**

Comments/Special Instructions:

RECEIVED
JUN 16 2014
By EM 5:05pm
Walk-in

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

EMSL Analytical, Inc.
29 North Plains Hwy
Unit 4
Wallingford, CT 06492
PHONE: (203) 284-5948
FAX: (203) 284-5978

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*:

241402261

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

Sample #	HA #	Sample Location	Material Description
20140616-2035-S5A	5, 6	Kitchen	floor tile + grout
S5B	5, 6	↓	floor tile + grout
20140616-2035-S6A	7	Living Room + Kitchen	Sheetrock
S6B	7	↓	↓
S6C	7	↓	↓
20140616-2035-S7A	8	Main Floor	taping compound
S7B	8	↓	↓
S7C	8	↓	↓
20140616-2035-S8A	9	Living Rm (b/w bath + closet)	speckle
S8B	9	Living Rm (b/w bath + closet)	speckle
20140616-2035-S9A	10	Exterior window	grey caulk
S9B	10	↓	↓
S9C	10	↓	↓
20140616-2035-S10A	11	Interior window	white caulk
S10B	11	↓	↓

***Comments/Special Instructions:**

RECEIVED
JUN 16 2014
By 5:05

ATTACHMENT D

LEAD ANALYTICAL DATA

GILBERTCO
LEAD INSPECTIONS, LLC

"LEAD BASED PAINT SPECIALIST"

June 16, 2014

Job 9928-9-0008

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

Re: Lead Based Paint Inspection: 8 3rd Avenue, Stratford, Connecticut

Gilbertco Lead Inspections LLC performed a limited XRF inspection for the presence of lead based paint at 8 3rd Ave., Stratford, Connecticut. The inspection was requested by Facility Support Services in response to planned renovations to the site by State of Connecticut Department of Housing Community Block Grant Disaster Recovery Program

The site inspected consists of an updated single family ranch style home. The house is scheduled to be raised to meet new Flood Zone Requirements. It was vacant at the time of inspection.

In accordance with HUD/EPA guidance issued June 26, 1996, the Scitec Map 4 Spectrum Analyzer was used in the "Unlimited" assaying mode. This enables the equipment to accurately determine whether the result is "Positive", above the 1.0 mg/cm2 action level or "Negative", below the action level regardless of precision or operator bias. In accordance with the above guidance, values of 0.91 mg/cm2 through 1.19 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, *several 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...". . In April 2010, a new EPA regulation requires that any contractor who disturbs more than six square feet of painted surface per room or does window replacement must be certified as a Renovate Right Contractor. Homeowners are allowed to do their own renovation but are not exempt from providing renovation notices or posting informational signs. Further information regarding Renovate Right may be obtained at www.epa.gov/lead/pubs/renovation 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.

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:	8 3rd AVENUE STRATFORD, CONNECTICUT
PROJECT NUMBER:	9928-9-8
TEST DATE:	JUNE 16, 2014
REQUIREMENTS:	CHAPTER 7 HUD GUIDELINES LEAD INSPECTION- SURFACE BY SURFACE
INSTRUMENTATION:	SCITEC MAP4 PORTABLE X-RAY (BRUKER HANDHELD) FLUOROSCOPE SPECTRUM ANALYZER (XRF) COBALT 57 SOURCE
REPORT MEDIUM:	MG PB/CM2 (MILLIGRAMS OF LEAD PER SQUARE CENTIMETER)
CALIBRATION:	TO MEASURE LEAD K-SHELL EMISSIONS. FACTORY CALIBRATED WITH HUD APPROVED REFERENCE STANDARDS. CALIBRATION FIELD CHECKED HOURLY AS RECOMMENDED BY MANUFACTURER
OPERATORS CERTIFICATION:	LEAD CONSULTANT CONTRACTOR-CC270 LEAD INSPECTOR RISK ASSESSOR- IR 1172 LEAD ABATEMENT SUPERVISOR- 2383

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

Maureen Mraw 6-16-14

#8 3rd Avenue, Stratford, Connecticut

June 16, 2014

Room Type	Room #	Wall #	Component	Substrate	Condition	K Shell	Decision
Calibration						1.26	Okay
Entry	1	1	Door	Metal	Intact	-0.02	Negative
Entry	1	1	Door Casing	Wood	Intact	0.63	Negative
Entry	1	1	Wall	Sheetrk	Intact	0.09	Negative
Entry	1	1	Wall	Sheetrk	Intact	0.57	Negative
Entry	1	1	Window Trim	Wood	Intact	-0.18	Negative
Entry	1	1	Window Sash	Wood	Intact	-0.08	Negative
Entry	1	1	Window Apron	Wood	Intact	0.3	Negative
Entry	1	1	Baseboard	Wood	Intact	-0.09	Negative
Entry	1	2	Wall	Sheetrk	Intact	0.02	Negative
Entry	1	2	Baseboard	Wood	Intact	-0.3	Negative
Entry	1	3	Door	Wood	Intact	0.01	Negative
Entry	1	3	Door Jamb	Wood	Intact	-0.02	Negative
Entry	1	3	Door Casing	Wood	Intact	-0.08	Negative
Entry	1	3	Wall	Sheetrk	Intact	0.05	Negative
Entry	1	3	Baseboard	Wood	Intact	-0.09	Negative
Entry	1	4	Wall	Sheetrk	Intact	-0.04	Negative
Entry	1	4	Baseboard	Wood	Intact	0.06	Negative
Hallway	2	1	Door	Wood	Intact	-0.41	Negative
Hallway	2	1	Door Casing	Wood	Intact	0.38	Negative
Hallway	2	1	Wall	Sheetrk	Intact	0.06	Negative
Hallway	2	2	Wall	Sheetrk	Intact	0.09	Negative
Hallway	2	2	Window Trim	Wood	Intact	0	Negative
Hallway	2	2	Window Sill	Wood	Intact	0.14	Negative
Hallway	2	2	Window Apron	Wood	Intact	-0.2	Negative
Hallway	2	2	Baseboard	Wood	Intact	0.17	Negative
Hallway	2	4	Closet Door	Wood	Intact	0.04	Negative
Hallway	2	4	Clo Dr Csng	Wood	Intact	-0.47	Negative
Hallway	2	4	Shelf	Wood	Intact	-0.1	Negative
Hallway	2	4	Shelf Support	Wood	Intact	-0.17	Negative
Hallway	2	4	Ceiling	Sheetrk	Intact	-0.01	Negative
Master BR	3	2	Door	Wood	Intact	0.21	Negative
Master BR	3	2	Door Casing	Wood	Intact	-0.67	Negative
Master BR	3	2	Wall	Sheetrk	Intact	-0.01	Negative
Master BR	3	3	Wall	Sheetrk	Intact	0.15	Negative
Master BR	3	3	Baseboard	Wood	Intact	0.26	Negative
Master BR	3	3	Closet Door	Wood	Intact	-0.12	Negative
Master BR	3	3	Clo Dr Csng	Wood	Intact	0.04	Negative
Master BR	3	3	Shelf in closet	Wood	Intact	-0.01	Negative
Master BR	3	3	Shelf Support	Wood	Intact	0	Negative
Master BR	3	3	Ceiling in closet	Sheetrk	Intact	-0.01	Negative
Master BR	3	1	Ceiling	Sheetrk	Intact	0.19	Negative

Master BR	3	4	Wall	Sheetrk	Intact	0.03	Negative
Master BR	3	4	Baseboard	Wood	Intact	-0.11	Negative
Master BR	3	4	Window Trim	Wood	Intact	-0.08	Negative
Master BR	3	4	Window Sill	Wood	Intact	-0.24	Negative
Master BR	3	4	Window Aprion	Wood	Intact	-0.04	Negative
Master BR	3	1	Wall	Sheetrk	Intact	-0.01	Negative
Master BR	3	1	Baseboard	Wood	Intact	0.13	Negative
Master BR	3	1	Door Casing	Wood	Intact	0.42	Negative
Master BR	3	1	Door Jamb	Wood	Intact	0.29	Negative
Sitting Area	4	2	Wall	Sheetrk	Non-intact	-0.1	Negative
Sitting Area	4	2	Baseboard	Wood	Non-intact	-0.1	Negative
Sitting Area	4	1	Wall	Sheetrk	Non-intact	0	Negative
Sitting Area	4	1	Window Trim	Wood	Intact	-0.19	Negative
Sitting Area	4	1	Window Sill	Wood	Intact	-0.15	Negative
Sitting Area	4	1	Window Sash	Wood	Intact	0.08	Negative
Sitting Area	4	1	Window Apron	Wood	Intact	-0.34	Negative
Sitting Area	4	1	Baseboard	Wood	Intact	-0.19	Negative
Sitting Area	4	4	Wall	Sheetrk	Intact	0.16	Negative
Sitting Area	4	4	Baseboard	Wood	Intact	0.23	Negative
Sitting Area	4	1	Ceiling	Sheetrk	Intact	0.39	Negative
Living Room	5	1	Wall	Sheetrk	Intact	0.06	Negative
Living Room	5	1	Baseboard	Wood	Intact	-0.08	Negative
Living Room	5	2	Wall	Sheetrk	Intact	-0.09	Negative
Living Room	5	2	Window Sill	Wood	Intact	-0.09	Negative
Living Room	5	2	Window Trim	Wood	Intact	-0.13	Negative
Living Room	5	2	Window Apron	Wood	Intact	-0.05	Negative
Living Room	5	4	Wall	Sheetrk	Intact	0.12	Negative
Living Room	5	4	Wall	Sheetrk	Intact	0.1	Negative
Living Room	5	4	Door	Wood	Intact	0.26	Negative
Living Room	5	4	Door Casing	Wood	Intact	0.17	Negative
Living Room	5	4	Ceiling	Sheetrk	Intact	0.09	Negative
Living Room	5	3	Wall	Sheetrk	Intact	0.05	Negative
Living Room	5	3	Shelf	Wood	Intact	-0.13	Negative
Living Room	5	3	Baseboard	Wood	Intact	-0.07	Negative
Kitchen	6	1	Wall	Sheetrk	Intact	0.1	Negative
Kitchen	6	4	Wall	Sheetrk	Intact	0.13	Negative
Kitchen	6	4	Window Trim	Wood	Intact	-0.18	Negative
Kitchen	6	4	Window Apron	Wood	Intact	0.14	Negative
Kitchen	6	4	Window SIll	Wood	Intact	0.2	Negative
Kitchen	6	4	Ceiling	Wood	Intact	-0.17	Negative
Kitchen	6	3	Wall	Sheetrk	Intact	-0.53	Negative
Kitchen	6	3	Door Trim	Wood	Non-intact	0	Negative
Kitchen	6	3	Baseboard	Wood	Non-intact	-0.03	Negative
Kitchen	6	2	Wall	Sheetrk	Intact	-0.01	Negative

Kitchen	6	1	Ceiling	Sheetrk	Intact	0.13	Negative
Kitchen	6	4	Closet Door	Wood	Intact	-0.46	Negative
Kitchen	6	4	Clo Dr Csng	Wood	Intact	-0.15	Negative
Bath	7	2	Door	Wood	Intact	-0.23	Negative
Bath	7	2	Door Jamb	Wood	Intact	0.34	Negative
Bath	7	2	Door Casing	Wood	Intact	0.01	Negative
Bath	7	2	Wall	Sheetrk	Intact	-0.01	Negative
Bath	7	3	Wall	Sheetrk	Intact	-0.16	Negative
Bath	7	4	Wall	Sheetrk	Intact	0.23	Negative
Bath	7	1	Cabinet	Wood	Intact	-0.01	Negative
Bath	7	1	Wall	Sheetrk	Intact	-0.3	Negative
Bath	7	1	Ceiling	Sheetrk	Intact	0.19	Negative
Bedroom	8	2	Door	Wood	Intact	-0.35	Negative
Bedroom	8	2	Door Jamb	Wood	Intact	-0.15	Negative
Bedroom	8	2	Door Casing	Wood	Intact	-0.08	Negative
Bedroom	8	2	Wall	Sheetrk	Intact	0.02	Negative
Bedroom	8	2	Baseboard	Wood	Intact	-0.2	Negative
Bedroom	8	2	Closet Door	Wood	Intact	-0.27	Negative
Bedroom	8	2	Clo Dr Csng	Wood	Intact	-0.16	Negative
Bedroom	8	2	Shelf	Wood	Intact	-0.29	Negative
Bedroom	8	2	Shelf Support	Wood	Intact	-0.07	Negative
Bedroom	8	1	Wall	Sheetrk	Intact	-0.14	Negative
Bedroom	8	1	Baseboard	Wood	Intact	0.14	Negative
Bedroom	8	4	Wall	Sheetrk	Intact	-0.32	Negative
Bedroom	8	4	Window Trim	Wood	Intact	-0.11	Negative
Bedroom	8	4	Window Sill	Wood	Intact	-0.04	Negative
Bedroom	8	4	Window Apron	Wood	Intact	0.01	Negative
Bedroom	8	4	Window Trim	Wood	Intact	0.18	Negative
Bedroom	8	3	Baseboard	Wood	Intact	0.25	Negative
Bedroom	8	1	Ceiling	Sheetrk	Intact	-0.24	Negative
Bedroom	8	3	Wall	Sheetrk	Intact	-0.07	Negative
Bedroom	8	3	Baseboard	Wood	Intact	-0.33	Negative
Exterior	9	1	Door	Metal	Intact	0.05	Negative
Exterior	9	1	Door Jamb	Wood	Intact	-0.3	Negative
Exterior	9	1	Door Casing	Wood	Stain/varnish	0.4	Negative
Exterior	9	1	Shingles	Wood	Stain/varnish	0	Negative
Exterior	9	1	Wood under shingle	Wood	Non-intact	0.19	Negative
Exterior	**9**	**1**	**Overhang**	**Wood**	**Non-intact**	**7.38**	**Positive**
Exterior	9	1	Kickplate	Wood	Stain/varnish	0.09	Negative
Exterior	9	1	Floor	Wood	Stain/varnish	-0.49	Negative
Exterior	9	1	Railing	Wood	Stain/varnish	0.44	Negative
Exterior	9	2	Baseboard	Wood	Non-intact	0.3	Negative
Exterior	**9**	**2**	**Vertical white trim**	**Wood**	**Non-intact**	**1.33**	**Positive**
Exterior	**9**	**2**	**Vertical white trim**	**Wood**	**Non-intact**	**2.76**	**Positive**

Exterior	**9**	**2**	**Column under house**	**Wood**	**Non-intact**	**1.95**	**Positive**
Exterior	9	2	Window Trim	Wood	Non-intact	0.32	Negative
Exterior	9	2	Window Trim	Wood	Non-intact	0.62	Negative
Exterior	9	2	Window SIll	Wood	Non-intact	0.3	Negative
Exterior	9	3	Floor	Wood	Non-intact	0.08	Negative
Exterior	9	3	Railing	Wood	Stain/varnish	0.12	Negative
Exterior	9	3	Overhang	Wood	Stain/varnish	-0.12	Negative
Exterior	9	3	Soffit	Wood	Stain/varnish	-0.23	Negative
Exterior	9	4	Window Sill	Wood	Non-intact	0.64	Negative
Exterior	9	4	Window Trim	Wood	Non-intact	0.3	Negative
Exterior	9	4	White trim	Wood	Non-intact	0.55	Negative
Exterior	**9**	**4**	**White trim**	**Wood**	**Non-intact**	**1.93**	**Positive**
Exterior	**9**	**4**	**Overhamg**	**Wood**	**Non-intact**	**3**	**Positive**

Part 1 General

1.1 SCOPE

A. The work specified herein includes lead paint hazard reduction in accordance with The Department of Housing and Urban Development (HUD) Lead Safe Housing Rule (24 CFR 35) for all components and surfaces containing defective toxic levels of lead paint. The work shall be conducted to satisfy the requirements of federal HUD standards. Testing was performed in accordance with HUD and State of Connecticut protocols.

Property Information:

Address: 8 Third Avenue, Stratford, CT
(A single family residence)

Property Owner: Applicant #2035

Lead Testing Performed by:

Maureen Monaco – Lead Inspector /Risk Assessor #1172

Gilbertco Lead Inspections LLC- Consultant Contractor #270
287 Main Street
Ansonia, CT 06401
1-800-959-2985

Date of testing: May 22, 2014

Methodology: Handheld Scitec Map 4 (Keymaster/Bruker) XRF spectrum analyzer, K Shell emissions

Resident Information:

vacant

B. Prior to abatement or interim controls, repair work including but not limited to the repair of any leaks related to the deterioration of lead based painted surfaces is required. House is to be lifted and reset on foundation.

C. Abatement or Lead Hazard Remediation includes the following methods:

- Replacement by removing components such as windows, doors, and trim that have lead painted surfaces and installing new lead free components.

- Rigid enclosure using enclosure system by mechanically attaching a rigid durable barrier covering building components with all edges and

seams sealed with caulk or other sealant. Enclosures are intended to prevent access and exposure to lead painted surfaces and provide a "dust -tight" system to trap and lead contaminated dust.

Appropriate enclosure materials include:

Surface Location	Covering Material
Exterior Trim	Aluminum or vinyl coil stock
Exterior Finish	Aluminum or vinyl siding
Interior Finish	Drywall, wainscoting
Steps	Vinyl or rubber tread and riser coverings
Floors	Underlayment and vinyl

- Liquid Encapsulation by application of an approved liquid coating that acts as a barrier between lead based paint and the environment.

- Paint removal by separation of lead paint from the surface of components. This activity may include the following methods when performed with the proper conditions and engineering controls:
  1. Mechanical removal by wet scraping or HEPA needle gun.
  2. Chemical removal by use of strippers in accordance with manufacturer's specifications.
  3. Heat Gun by heating the painted surface utilizing proper engineering controls and when temperature does not exceed 700 degrees F.

- Soil Hazard Reduction Methods may include

  1. Removal and replacement of lead contaminated soil by removing the top 2-6 inches of lead contaminated soil, disposing it in accordance with federal and state standards and replacing it with new lead free soil. EPA Guidance recommends this method when lead levels exceed 500 ppm.

  2. Permanent Cover of bare soil areas with concrete, asphalt, or other permanent materials; EPA Guidance recommends this method when lead concentrations in soil exceed 5000 ppm.

  3. Interim controls may include covering lead contaminated soil with grass, gravel, mulch, or restrictive elements such as fences, shrubbery, or decking to prevent access to contaminated soil. Interim controls require periodic monitoring to ensure that the cover or controls are in place.

D. Interim controls may be performed by personnel who have received the Renovate Right Certification from the EPA. Interim Controls are measures designed to temporarily reduce human exposure or likely exposure to lead paint hazards, including specialized cleaning, repairs, maintenance painting, and temporary containments.

E. The Contractor shall provide all labor, materials, equipment, services, insurance, supervision, and incidentals which are necessary or required to perform the work of lead paint remediation in accordance with applicable governmental regulations and these specifications.

F. The Contractor is responsible for restoring all auxiliary areas utilized during abatement to conditions equal to or better than original. The contractor shall, at no additional expense to the building owner, repair any damage caused to auxiliary areas during the performance of abatement activities.

G. The Contractor will protect and preserve in operating conditions, including all utilities transversing the building and site. Damage to any utility due to work under this contract shall be repaired to the reasonable satisfaction and at no cost to the building owner.

H. The Contractor shall coordinate work schedule and site access with the building owner. The contractor shall submit a schedule or work and shall be approved by the building owner prior to the commencement of work. The contractor shall be responsible for securing the building for the duration of the work.

I. The Contractor shall be responsible for removing and decontaminating movable objects from the work area. This should be coordinated with the building owner.

1.2 DESCRIPTION OF WORK

A. The site is an older, renovated ranch style cottage. The exterior of the home is stained shingles with vinyl replacements windows throughout with the exception of the front entry windows.

B. The scope of work includes rigid encapsulation of the overhangs and soffits and vertical white trim. The painted column under the home will be removed and disposed.

C. A CT Licensed Lead Abatement Contractor will be utilized to perform the required work.

D. All required lead based paint abatement work shall be conducted in compliance with HUD regulation 24 CFR Part 35.

E. Lead based paint is present on the similar painted components in the areas of the project as found in the inspection report attached. It is the responsibility of the Contractor to comply with the OSHA Construction industry Standard 29 CFR 1926.62 when conducting abatement activities which may disturb materials with lead based paint.

1.3 PERSONAL PROTECTION

A. Prior to commencement of work, instruct all workers in all aspects of personal protection, work procedures, emergency evacuation procedures and use of all equipment. A formal respiratory protection program including respiratory protection must be implemented in accordance with 29 CFR 1926.26 and 29 CFR 1910.134.

B. Contractor will provide appropriate respiratory and filters for protection equipment for each worker and ensure usage during potential dust exposure. Respirators shall be approved by the National Institute for Occupational Safety and Health under 30 CFR Part 11.

C. Contractor will provide and require workers to wear protective clothing in work areas where lead dust concentrations exceed permissible exposure limits established OSHA. This includes impervious coveralls with elastic wrists and ankles, head covering, gloves, and foot coverings.

1.4 PREPARATION OF LEAD CONTROL AREA

A. Post warning signs meeting EPA Renovate Right Program at each entrance and exit. Notification to tenants or owner must be made in writing.

B. Install an impermeable cloth or vinyl on ground under work area to collect paint dust, chips, and debris.

1.5 LEAD REMOVAL

A. A competent person shall be on the job site at all times to ensure proper work practices are followed.

B. Utilize wet methods to remove lead based paint and painted components in accordance with 29 CFR 1926.62 utilizing fine mist to moisten surface to prevent lead dust from becoming airborne.

C. At the end of each work shift remove and place all visible accumulation of paint chips and associated dust and debris. This includes rags, sponges and protective clothing.

D. The following practices are prohibited:
- Dry scraping
- Power tools for grinding, sanding, and cutting without HEPA vacuum dust collection

1.6 CLEAN-UP , VISUAL INSPECTION, FINAL INSPECTION

A. After a visual inspection, the Contractor will remove impermeable drop cloths.

B. The contractor will call Gilbertco Lead Inspections LLC (1-800-959-2985) or Facilities Support Services LLC at 1-203-288-1281 to do a visual inspection of the interior and exterior of the project to detect incomplete work, visible debris, or damage cause by abatement or remediation activity. Clearance testing of surfaces in the vicinity of remediation work will be obtained until reoccupancy criteria of 40mg/ft2 on floors and 250 mg/ft2 on window sills is met. Contractor is responsible for providing lead free surfaces around all work areas following completion of activity.

1.7 DISPOSAL OF HAZARDOUS LEAD BEARING WASTE

A. Materials associated with the abatement shall be disposed of as hazardous waste with a TCLP reading >5 mg/l. The contractor shall obtain a small quantity hazardous waste generator ID number from the State of Connecticut DEEP for the site, if hazardous waste generated exceeds 100 kilograms per month. Materials associated with this abatement include:
- Any lead containing or lead based paint debris
- Wood painted with lead based paint
- Stripped paint or paint chips
- Painted wall or ceiling plaster
- Painted concrete debris

B. Disposal of all hazardous waste shall comply with the requirements of Resource Conservation and Recovery Act (RCRA).

C. Contractor can wipe clean polyethylene sheeting and dispose of it as construction debris.

D. Dumpsters containing hazardous waste are to be kept covered and locked when not in active use for lading of materials.

E. All containers of hazardous lead bearing material shall carry the following label in accordance with 29 CFR 1926.62.

HAZARDOUS LEAD WASTE

Federal Law prohibits improper disposal.
If found, contact the nearest police or public safety authority,
or the U.S. Environmental Protection Agency
Generator Information:
Facility Name: _____
Facility Address: _____
Facility Phone Number: _____
EPA ID / Manifest Document #: _____
Accumulation Start Date: _____
EAP Waste #: _____
HAZARDOUS WASTE SOLID NUMBERS
ORM-E NA 9189 D008
HANDLE WITH CARE

F. Payment for disposal of hazardous waste will not be made until a signed copy of the manifest from the treatment or disposal facility certifying the amount of lead-containing materials is returned and a copy is furnished.

ATTACHMENT E

PCB ANALYTICAL DATA

80 Lupes Drive
Stratford, CT 06615

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

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

Analytical Report

CET# 4060451

Report Date: June 23, 2014
Project: 22214
Project Number: 22214-2035, Stratford

Connecticut Laboratory Certificate: PH 0116
Massachussetts laboratory Certificate.: M-CT903
Rhode Island Certification: 199

New York Certification: 11982
Florida Laboratory Certification: E871064

QUALITY CONTROL SECTION

Batch B4F1817 - EPA 8082A

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4F1817-BLK1)					Prepared: 6/18/2014 Analyzed: 6/19/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							
Surrogate: TCMX					*76.6*	*50 - 150*			
Surrogate: DCB					*87.2*	*50 - 150*			
LCS (B4F1817-BS1)					Prepared: 6/18/2014 Analyzed: 6/19/2014				
PCB-1016	0.771	0.20	1.000		77.1	50 - 150			
PCB-1260	0.865	0.20	1.000		86.5	50 - 150			
Surrogate: TCMX					*82.8*	*50 - 150*			
Surrogate: DCB					*93.5*	*50 - 150*			
Calibration Check (B4F1817-CCV1)					Prepared: 6/18/2014 Analyzed: 6/20/2014				
PCB-1016	0.966	0.20	1.000		96.6	80 - 120			
PCB-1260	0.968	0.20	1.000		96.8	80 - 120			
Surrogate: TCMX					*118*	*50 - 150*			
Surrogate: DCB					*121*	*50 - 150*			

SAMPLE SUMMARY

The sample(s) were received at 2.4°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
20140616-2035-P1	4060451-01	Solid	6/16/2014	06/17/2014

Client Sample ID 20140616-2035-P1
Lab ID: 4060451-01

PCBs by Soxhlet **Analyst: SJ**

Method: EPA 8082A **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	B4F1817	06/18/2014	06/20/2014 18:52	
PCB-1221	ND	0.80	4	EPA 3540C	B4F1817	06/18/2014	06/20/2014 18:52	
PCB-1232	ND	0.80	4	EPA 3540C	B4F1817	06/18/2014	06/20/2014 18:52	
PCB-1242	ND	0.80	4	EPA 3540C	B4F1817	06/18/2014	06/20/2014 18:52	
PCB-1248	ND	0.80	4	EPA 3540C	B4F1817	06/18/2014	06/20/2014 18:52	
PCB-1254	ND	0.80	4	EPA 3540C	B4F1817	06/18/2014	06/20/2014 18:52	
PCB-1260	ND	0.80	4	EPA 3540C	B4F1817	06/18/2014	06/20/2014 18:52	
PCB-1268	ND	0.80	4	EPA 3540C	B4F1817	06/18/2014	06/20/2014 18:52	
PCB-1262	ND	0.80	4	EPA 3540C	B4F1817	06/18/2014	06/20/2014 18:52	
Surrogate: TCMX	*71.5 %*	*50 - 150*			B4F1817	06/18/2014	*06/20/2014 18:52*	
Surrogate: DCB	*97.4 %*	*50 - 150*			B4F1817	06/18/2014	*06/20/2014 18:52*	

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

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	An analytical standard analyzed with each set of samples to verify initial calibration of the system.
Batch	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 from the duplicate analysis of a sample.
Result	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.

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
Rhode Island Certification 199

New York Certification 11982
Florida Laboratory Certification E871064

CET #:4060451
Project: 22214
Project Number: 22214-2035, Stratford

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:

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.
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 Homogenity may be a problem.
+- The Surrogate was diluted out.
*- The analyte has a QC outlier. Please refer to QC section of the report for details.
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.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

4060451

= CUSTODY RECORD

CET # _____

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

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

Matrix: A=Air, S=Soil, W=Water, DW=Drinking W., C=Cassette, Solid, Wipe, Other (Specify)

Turnaround Time ** (check one): Same Day *, Next Day *, 2-3 Days *, Std (5-7 Days)

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	Organics: 8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	Metals: 13 Priority Poll	8 RCRA	TOTAL	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis: RCB via Soxhlet	TOTAL # OF CONT.	NOTE #
20140616_2035_P1	6/16/14	Solid				X																	X	1	

PRESERVATIVE (Cl–HCl, N–HNO_3, S–H_2SO_4, Na–NaOH, C=Cool, O–Other)

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

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

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
Ken Bogue	6/16/14	6/17/14 0915 [illegible]
[illegible]	6/17/14 1545	[illegible]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Facility Support Services, LLC

Address: 2685 State Street

City: Hamden State: CT Zip: 06517

Report To: K. Bogue E-mail: KBogue.FSS@SNET.NET

Phone #: 203-288-1291 Fax #:

Project Information

Project Contact: K. Bogue PO #: —

Project: 22214-2035 Project #: —

Location: Stratford, CT Collector(s): KSB

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *

Data Report: ☒ Email ☐ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one): ☐ GA ☐ GB ☐ SWP ☒ Other (specify) 1 ppm

Lab Use:
Evidence of Cooling: 2.4 Y or N
Temp Upon Receipt °C

SHEET 1 OF 1

REV. 12/11

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

MCA
MARTINEZ COUCH & ASSOCIATES

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

Attachment 10 – Checklist Item 13C Documentation – Lead Hazard Remediation Project

Part 1 General

1.1 SCOPE

A. The work specified herein includes lead paint hazard reduction in accordance with The Department of Housing and Urban Development (HUD) Lead Safe Housing Rule (24 CFR 35) for all components and surfaces containing defective toxic levels of lead paint. The work shall be conducted to satisfy the requirements of federal HUD standards. Testing was performed in accordance with HUD and State of Connecticut protocols.

Property Information:

Address: 8 Third Avenue, Stratford, CT
(A single family residence)

Property Owner: Applicant #2035

Lead Testing Performed by:

Maureen Monaco – Lead Inspector /Risk Assessor #1172

Gilbertco Lead Inspections LLC- Consultant Contractor #270
287 Main Street
Ansonia, CT 06401
1-800-959-2985

Date of testing: May 22, 2014

Methodology: Handheld Scitec Map 4 (Keymaster/Bruker) XRF spectrum analyzer, K Shell emissions

Resident Information:

vacant

B. Prior to abatement or interim controls, repair work including but not limited to the repair of any leaks related to the deterioration of lead based painted surfaces is required. House is to be lifted and reset on foundation.

C. Abatement or Lead Hazard Remediation includes the following methods:

- Replacement by removing components such as windows, doors, and trim that have lead painted surfaces and installing new lead free components.

- Rigid enclosure using enclosure system by mechanically attaching a rigid durable barrier covering building components with all edges and

seams sealed with caulk or other sealant. Enclosures are intended to prevent access and exposure to lead painted surfaces and provide a "dust -tight" system to trap and lead contaminated dust.

Appropriate enclosure materials include:

Surface Location	Covering Material
Exterior Trim	Aluminum or vinyl coil stock
Exterior Finish	Aluminum or vinyl siding
Interior Finish	Drywall, wainscoting
Steps	Vinyl or rubber tread and riser coverings
Floors	Underlayment and vinyl

- Liquid Encapsulation by application of an approved liquid coating that acts as a barrier between lead based paint and the environment.

- Paint removal by separation of lead paint from the surface of components. This activity may include the following methods when performed with the proper conditions and engineering controls:
  1. Mechanical removal by wet scraping or HEPA needle gun.
  2. Chemical removal by use of strippers in accordance with manufacturer's specifications.
  3. Heat Gun by heating the painted surface utilizing proper engineering controls and when temperature does not exceed 700 degrees F.

- Soil Hazard Reduction Methods may include

  1. Removal and replacement of lead contaminated soil by removing the top 2-6 inches of lead contaminated soil, disposing it in accordance with federal and state standards and replacing it with new lead free soil. EPA Guidance recommends this method when lead levels exceed 500 ppm.

  2. Permanent Cover of bare soil areas with concrete, asphalt, or other permanent materials; EPA Guidance recommends this method when lead concentrations in soil exceed 5000 ppm.

  3. Interim controls may include covering lead contaminated soil with grass, gravel, mulch, or restrictive elements such as fences, shrubbery, or decking to prevent access to contaminated soil. Interim controls require periodic monitoring to ensure that the cover or controls are in place.

D. Interim controls may be performed by personnel who have received the Renovate Right Certification from the EPA. Interim Controls are measures designed to temporarily reduce human exposure or likely exposure to lead paint hazards, including specialized cleaning, repairs, maintenance painting, and temporary containments.

E. The Contractor shall provide all labor, materials, equipment, services, insurance, supervision, and incidentals which are necessary or required to perform the work of lead paint remediation in accordance with applicable governmental regulations and these specifications.

F. The Contractor is responsible for restoring all auxiliary areas utilized during abatement to conditions equal to or better than original. The contractor shall, at no additional expense to the building owner, repair any damage caused to auxiliary areas during the performance of abatement activities.

G. The Contractor will protect and preserve in operating conditions, including all utilities transversing the building and site. Damage to any utility due to work under this contract shall be repaired to the reasonable satisfaction and at no cost to the building owner.

H. The Contractor shall coordinate work schedule and site access with the building owner. The contractor shall submit a schedule or work and shall be approved by the building owner prior to the commencement of work. The contractor shall be responsible for securing the building for the duration of the work.

I. The Contractor shall be responsible for removing and decontaminating movable objects from the work area. This should be coordinated with the building owner.

1.2 DESCRIPTION OF WORK

A. The site is an older, renovated ranch style cottage. The exterior of the home is stained shingles with vinyl replacements windows throughout with the exception of the front entry windows.

B. The scope of work includes rigid encapsulation of the overhangs and soffits and vertical white trim. The painted column under the home will be removed and disposed.

C. A CT Licensed Lead Abatement Contractor will be utilized to perform the required work.

D. All required lead based paint abatement work shall be conducted in compliance with HUD regulation 24 CFR Part 35.

E. Lead based paint is present on the similar painted components in the areas of the project as found in the inspection report attached. It is the responsibility of the Contractor to comply with the OSHA Construction industry Standard 29 CFR 1926.62 when conducting abatement activities which may disturb materials with lead based paint.

1.3 PERSONAL PROTECTION

A. Prior to commencement of work, instruct all workers in all aspects of personal protection, work procedures, emergency evacuation procedures and use of all equipment. A formal respiratory protection program including respiratory protection must be implemented in accordance with 29 CFR 1926.26 and 29 CFR 1910.134.

B. Contractor will provide appropriate respiratory and filters for protection equipment for each worker and ensure usage during potential dust exposure. Respirators shall be approved by the National Institute for Occupational Safety and Health under 30 CFR Part 11.

C. Contractor will provide and require workers to wear protective clothing in work areas where lead dust concentrations exceed permissible exposure limits established OSHA. This includes impervious coveralls with elastic wrists and ankles, head covering, gloves, and foot coverings.

1.4 PREPARATION OF LEAD CONTROL AREA

A. Post warning signs meeting EPA Renovate Right Program at each entrance and exit. Notification to tenants or owner must be made in writing.

B. Install an impermeable cloth or vinyl on ground under work area to collect paint dust, chips, and debris.

1.5 LEAD REMOVAL

A. A competent person shall be on the job site at all times to ensure proper work practices are followed.

B. Utilize wet methods to remove lead based paint and painted components in accordance with 29 CFR 1926.62 utilizing fine mist to moisten surface to prevent lead dust from becoming airborne.

C. At the end of each work shift remove and place all visible accumulation of paint chips and associated dust and debris. This includes rags, sponges and protective clothing.

D. The following practices are prohibited:
- Dry scraping
- Power tools for grinding, sanding, and cutting without HEPA vacuum dust collection

1.6 CLEAN-UP , VISUAL INSPECTION, FINAL INSPECTION

A. After a visual inspection, the Contractor will remove impermeable drop cloths.

B. The contractor will call Gilbertco Lead Inspections LLC (1-800-959-2985) or Facilities Support Services LLC at 1-203-288-1281 to do a visual inspection of the interior and exterior of the project to detect incomplete work, visible debris, or damage cause by abatement or remediation activity. Clearance testing of surfaces in the vicinity of remediation work will be obtained until reoccupancy criteria of 40mg/ft2 on floors and 250 mg/ft2 on window sills is met. Contractor is responsible for providing lead free surfaces around all work areas following completion of activity.

1.7 DISPOSAL OF HAZARDOUS LEAD BEARING WASTE

A. Materials associated with the abatement shall be disposed of as hazardous waste with a TCLP reading >5 mg/l. The contractor shall obtain a small quantity hazardous waste generator ID number from the State of Connecticut DEEP for the site, if hazardous waste generated exceeds 100 kilograms per month. Materials associated with this abatement include:
- Any lead containing or lead based paint debris
- Wood painted with lead based paint
- Stripped paint or paint chips
- Painted wall or ceiling plaster
- Painted concrete debris

B. Disposal of all hazardous waste shall comply with the requirements of Resource Conservation and Recovery Act (RCRA).

C. Contractor can wipe clean polyethylene sheeting and dispose of it as construction debris.

D. Dumpsters containing hazardous waste are to be kept covered and locked when not in active use for lading of materials.

E. All containers of hazardous lead bearing material shall carry the following label in accordance with 29 CFR 1926.62.

HAZARDOUS LEAD WASTE

Federal Law prohibits improper disposal.
If found, contact the nearest police or public safety authority,
or the U.S. Environmental Protection Agency
Generator Information:
Facility Name: _____
Facility Address: _____
Facility Phone Number: _____
EPA ID / Manifest Document #: _____
Accumulation Start Date: _____
EAP Waste #: _____
HAZARDOUS WASTE SOLID NUMBERS
ORM-E NA 9189 D008
HANDLE WITH CARE

F. Payment for disposal of hazardous waste will not be made until a signed copy of the manifest from the treatment or disposal facility certifying the amount of lead-containing materials is returned and a copy is furnished.

MCA
MARTINEZ COUCH & ASSOCIATES

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

Attachment 11 – Checklist Item 14A Documentation – Flood Management Certification – Appendix B Professional Certification

Appendix B

DECD/SHPO/DOH Professional Certification Form

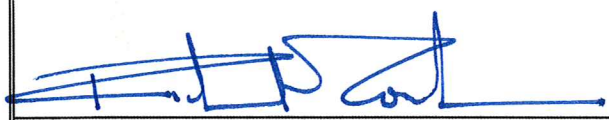
For all General Permit Applications submitted as part of the Flood Management Certification for Disaster Recovery Activities, the following certification must be signed and sealed by a professional engineer licensed to practice in Connecticut.

Property: 8 Third Avenue, Stratford, CT

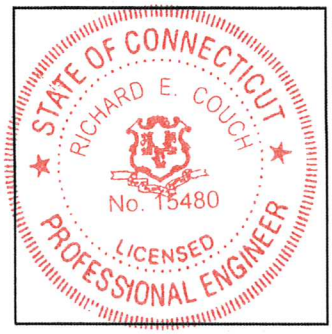
Application Number: 2035

"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."

	10/8/2014
Signature of Applicant	Date
Name of Applicant (print or type)	Title
	10/8/2014
Signature of Professional Engineer	Date
Richard E. Couch, P.E.	
Name of Professional Engineer (print or type)	P.E. Number

Affix P.E. Stamp Here



MCA
MARTINEZ COUCH & ASSOCIATES

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

Attachment 12 – Checklist Item 14D Documentation – Tidal Wetlands

Service Layer Credits: Sources: Esri, DeLorme, HERE, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO,

MCA
Martinez Couch & Associates, LLC
www.martinezcouch.com

N W E S

0 500 1,000 Feet

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

Date: 5/28/2014

MCA
MARTINEZ COUCH & ASSOCIATES

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

Attachment 13 – Checklist Item 14E Documentation – Costal Buffer Map

Legend

- 8 Third Avenue
- Parcel Boundary
- 50 Foot Buffer
- 100 Foot Buffer
- Connecticut Parcels
- Tidal Wetland 1990s

NWI Wetlands

Wetland Type

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

3RD AVE
2ND AVE
2ND AVE
8 Third Avenue
89
SHORELINE DR
3RD AVE
35
SHORELINE DR
SHORELINE DR
Long Beach
5 m

MCA
Martinez Couch & Associates, LLC
www.martinezcouch.com

N W E S

0 165 330 Feet

Data Source:

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

Date: 9/25/2014