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May 3, 2016

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

RE: Project 1278 – 1 Burwell Street, Norwalk, CT

Dear Ms. Okafor,

This letter is to provide a summary description of the Statutory Checklist for CDBG-DR Applicant – 1278 – 1 Burwell Street.

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

- Item 1 – CT State Historic Preservation Office (SHPO) Determination Statement
- Item 2 – National Flood Insurance Program FIRMette Map
- Item 3 – U.S. Fish and Wildlife Service, National Wetlands Inventory Mapping
- Item 4 – Connecticut Coastal Boundary Mapping
- Item 5 – Connecticut Aquifer Protection Area Mapping
- Item 6A – Natural Diversity Database Mapping
- Item 6B – U.S. Fish and Wildlife, Information Planning and Conservation List
- Item 11 – Connecticut Department of Economic and Community Development list of Distressed Municipalities
- Item 12-A – National Flood Insurance Program FIRMette Map
- Item 12-B – Coastal Barrier Resource System Map
- Item 13-C – Hazardous Material Inspection Report, Lead Abatement Plan
- Item 13-D – Hazardous Material Inspection Report, Asbestos Containing Materials Removal Work Plan
- Item 13-E – Hazardous Material Inspection Report
- Item 13-F – Hazardous Material Inspection Report,
- Item 14-A – National Flood Insurance Program FIRMette Map
- Item 14-C – Tidal Wetlands Map
- Item 14-E – Zoning 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 14-E – Review by City of Norwalk Municipal board will be necessary to obtain a Building Permit

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

Yours Sincerely,

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

Richard Couch, PE

Member

Martinez Couch & Associates, LLC

Figure E-10 Statutory Checklist

STATUTORY CHECKLIST [§58.35(a) activities]

for Categorical Exclusions and Environmental Assessments

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

Project Name and Identification No. CDBG-DR Project 1278 – 1 Burwell Street

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
Document Laws and authorities listed at 24 CFR Sec. 58.5							
1. Historic Properties [58.5(a)] [Section 106 of NHPA]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	See attachment 1 for determination statement from CT State Historic Preservation Office. Project activities will have no adverse effects on the state of Connecticut's historic resources.
2. Floodplain Management [58.5(b)] [Ex Or 11988] [24 CFR 55]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09001C0533G, Revised July 8, 2013 indicates the project site at 1 Burwell Street, Norwalk, CT is located inside Zone AE with a base flood elevation of 11 feet defined for the 1% Annual Chance Flood. Refer to Attachment 2 included as documentation.
3. Wetland Protection [58.5 (b)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	United States Fish and Wildlife Services (USFWS), National Wetlands Inventory (NWI) mapping identifies the project site outside a wetland zone. See attachment 3 for map documentation. Mapping is Geographic Information System (G.I.S.) map created using data accessed from USFWS NWI website at http://www.fws.gov/wetlands/Data/State-Downloads.html
4. Coastal Zone Management [58.5(c)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project site at 1 Burwell Street, Norwalk, CT is located inside a Coastal Boundary Zone. See attachment 4 for map documentation. Mapping is Geographic Information System (G.I.S.) map created using data accessed from CT Environmental Conditions Online (CT ECO) of the Coastal Boundary Zone from http://www.cteco.uconn.edu/
5. Water Quality – Aquifers [58.5(d)] [40 CFR 149]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<i>On site water and sewer facilities are not included in rehabilitation work for 1 Burwell Street, Norwalk, CT. Connecticut DEEP Bureau of Water Protection and Land Reuse map titled 'Aquifer Protection Areas Norwalk CT' dated December 28, 2015 does not identify aquifer protection areas in</i>

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

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
							<ul style="list-style-type: none"> 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 potentially contaminated sites and is not known or suspected to be contaminated by toxic chemicals or radioactive materials
11. Environmental Justice [58.5(j)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	The rehabilitation work at the project site, 1 Burwell Street, Norwalk, CT, is compatible with the surrounding residential use and no adverse human health and environmental effects on minority or low income populations are expected. The City of Norwalk, Connecticut is not listed by the Connecticut Department of Economic and Community Development (CT DECD) as a distressed municipality as defined in C.G.S. Section 22a-20. See attachment 7 for the 2014 listing of distressed municipalities in CT from the CT DECD in which City of Norwalk, CT is listed.
Document Laws and authorities listed at Sec. 58.6 and other potential environmental concerns							
12 A. Flood Insurance [58.6(a) & (b)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09001C0533G, Revised July 8, 2013 indicates the project site at 1 Burwell Street, Norwalk, CT is located inside Zone AE with a base flood elevation of 11 feet defined for the 1% Annual Chance Flood. Map is included as documentation. Property owner will be required to maintain flood insurance for a period of 5 years as a condition of accepting CDBG-DR OORR project funding.
12 B. Coastal Barriers [58.6(c)]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project at 1 Burwell Street, Norwalk, CT is not located within a Coastal Barrier Resource System unit. See attachment 8 for documentation. Mapping is Geographic Information System (G.I.S.) map created using data digitized from official John H. Chafee Coastal Barrier Resource System maps enacted by law and endorsed by the U.S. Fish and Wildlife Service. Digital data was accessed from CT Environmental Conditions Online (CT ECO) at http://www.cteco.uconn.edu/
12 C. Airport Clear Zone Notification [58.6(d)]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project does not involve the purchase or sale of a property as such 24 CFR 58.6(d) is not applicable.
13 A. Solid Waste Disposal [42 U.S.C. S3251 et seq.] and [42 U.S.C. 6901-6987 eq seq.]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rehabilitation activities to the residential structure at the project site, 1 Burwell Street, are not expected to affect the capacities of solid waste disposal services.

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
13 B. Fish and Wildlife [U.S.C. 661-666c]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Project activities will not result in impounding, diverting, deepening, channelizing or modification of any stream or body of water. Project is not a water control project.
13 C. Lead-Based Paint [24 CFR Part 35] and [40 CFR 745.80 Subpart E]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Residential Structure at 1 Burwell Street, Norwalk, CT was built prior to 1978. The results of a Lead Paint Survey are included in attachment 9, 'Hazardous Materials Inspection Report, 1 Burwell Street, Norwalk, CT, dated December 11, 2015, prepared by Facility Support Services, LLC. Lead based paint hazards identified in the survey will be abated or addressed with interim controls where appropriate per attachment 10, 'Lead-Based Paint Abatement Plan for 1 Burwell Street, Norwalk, CT prepared by Gilbertco Lead Inspections LLC.
13 D. Asbestos	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	One asbestos containing material was identified in sampled site materials to be disturbed for project work. Results of testing are included in attachment 9, 'Hazardous Material Inspection Report, 1 Burwell Street, Norwalk, CT, dated December 11, 2015, prepared by Facility Support Services, LLC.. Asbestos containing materials will be abated per, attachment 11, ' Abestos Containg Materials Removal Work Plan, Cement Siding Panels (Transite) 1 Burwell Street, Norwalk,CT', dated January 14, 2016, prepared by Chris Hudacek, CT DPH Project Designer License #0000239. Attachment 11 will be part of construction documents..
13 E. Radon [50.3 (j) 1]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Radon levels requiring mitigation were not found at the project site. Results of testing are included in attachment 9, 'Hazardous Material Inspection Report, 1 Burwell Street, Norwalk, CT, December 11, 2015, prepared by Facility Support Services LLC.
13 F. Mold	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	No specific regulation regarding the levels requiring mold mitigation or abatement are enacted by law in the State of Connecticut. Accelerated mold growth is not indicated by testing results at the project site. The procedures and results of the microbial testing for mold spores conducted at the project site are included in attachment 9, 'Hazardous Material Inspection Report 1 Burwell Street, Norwalk, CT, December 11, 2015, prepared by Facility Support Services, LLC.
Other: State or Local 14 A. Flood Management Certification [CGS 25-68]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09001C0533G, Revised July 8, 2013 Identifies the property at 1 Burwell Street, 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. Residential structure was not inspected for substantial damage after Superstorm Sandy as such elevation is not required as a condition of receiving CDBG-OORR assistance.

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 B. Structures, Dredging & Fill Act [CGS 22a-359 to 22a-363f]	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	Rehabilitation work at project site does not propose any adverse impacts to coastal resources nor propose any activity waterward of the coastal jurisdiction line.
14 C. Tidal Wetlands Act [CGS 22a-28 to 22a-35]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Connecticut Department of Energy and Environmental Protection Tidal Wetlands Mapping as defined in C.G.S. Section 22a-29 and Section 22a-93(7)(e) identifies the project as outside a Tidal Wetland Zone. See attachment 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]	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	Project rehabilitation work is not expected to impact wetlands/watercourses.
14 E. Various municipal zoning approvals	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	Rehabilitation activities at the project site will need review by City of Norwalk Building Department for issuance of required building permit. Coastal site plan review not required. Project does not propose an activity that will substantially alter the natural character of coastal resources as defined in C.G.S. 22a-93(7). See attachment 13 for a zoning buffer map.

DETERMINATION:

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

Prepared by: 
 Richard Couch, P.E., Member
 Martínez Couch & Associates, LLC.

Date: 5/3/2010

Responsible Entity or designee Signature: 
 Herma Delaire, CDBG-DR Program Manager

Date: 5/17/2010



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



Department of Economic and
Community Development

Connecticut
still revolutionary

JO
JD

April 22, 2016

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

received
4-22-16

Subject: Department of Housing Superstorm Sandy Reviews
1 Burwell Street (Application #1278)
Norwalk, Connecticut

Dear Ms. Delaire:

The State Historic Preservation Office has reviewed the information submitted to our office for the above-named property received on March 31, 2016 pursuant to the provisions of Section 106 of the National Historic Preservation Act of 1966. SHPO understands that the property owners have requested financial assistance from your office for repairs to their property. It is the opinion of this office that the property located at 8 Elliott Street is not eligible for listing on the National Register of Historic Places as an individual property or as a contributing element to a historic district. Based on the information provided to this office, no historic properties will be affected by the proposed project.

This office appreciates the opportunity to review and comment upon this project. For additional information, please contact me at (860) 256-2764 or catherine.labadia@ct.gov.

Sincerely,

Catherine Labadia
Deputy State Historic Preservation Officer



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

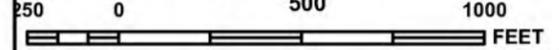


45° 50' 000m N

45° 49' 000m N



MAP SCALE 1" = 500'



NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0533G

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

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

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
NORWALK, CITY OF	090012	0533	G

-NOTE-
 THIS MAP INCLUDES BOUNDARIES OF THE COASTAL BARRIER RESOURCES SYSTEM ESTABLISHED UNDER THE COASTAL BARRIER RESOURCES ACT OF 1982 AND/OR SUBSEQUENT ENABLING LEGISLATION.
 Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.



MAP NUMBER
09001C0533G
MAP REVISED
JULY 8, 2013

Federal Emergency Management Agency

1 Burwell Street

JOINS PANEL 0534

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



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Attachment 3 – Checklist Item 3 Documentation – Wetlands Protection

Legend



1 Burwell Street

NWI Wetlands

Wetland Type



Estuarine and Marine Deepwater



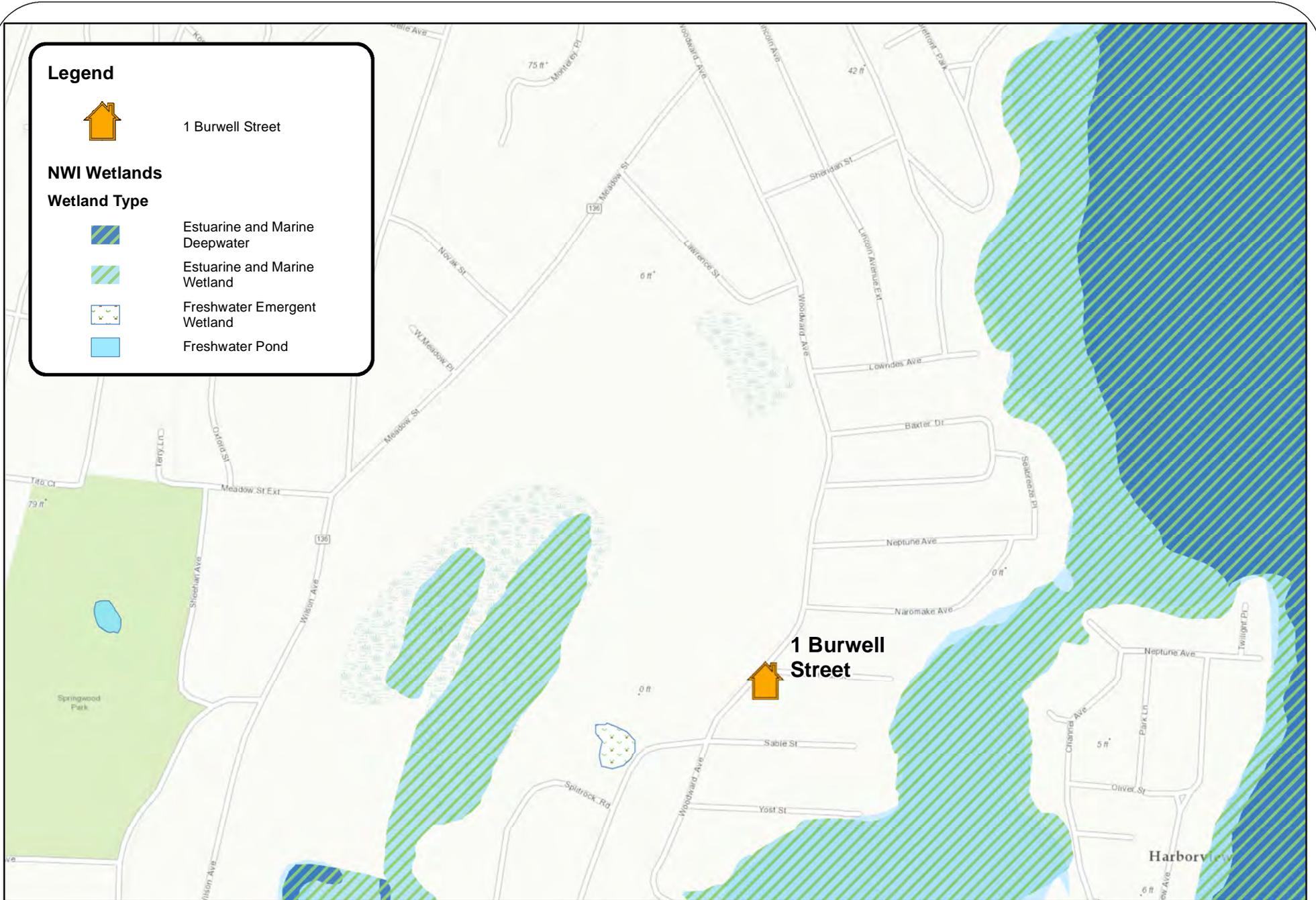
Estuarine and Marine Wetland



Freshwater Emergent Wetland



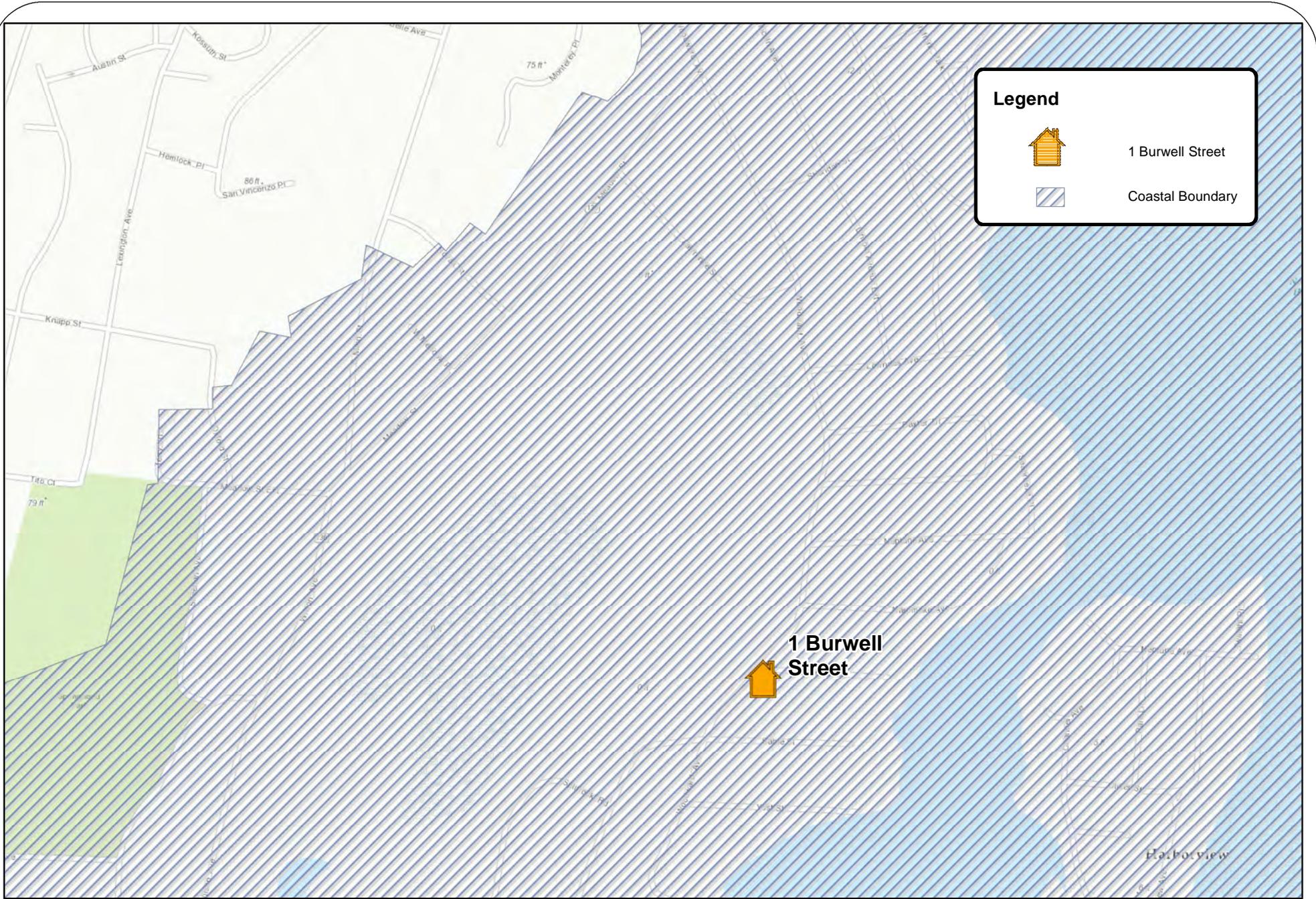
Freshwater Pond





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Attachment 4 – Checklist Item 4 Documentation – Coastal Management Zone



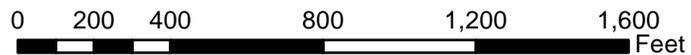
Legend

-  1 Burwell Street
-  Coastal Boundary

1 Burwell Street



MCA
MARTINEZ COUCH & ASSOCIATES, LLC





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

AQUIFER PROTECTION AREAS

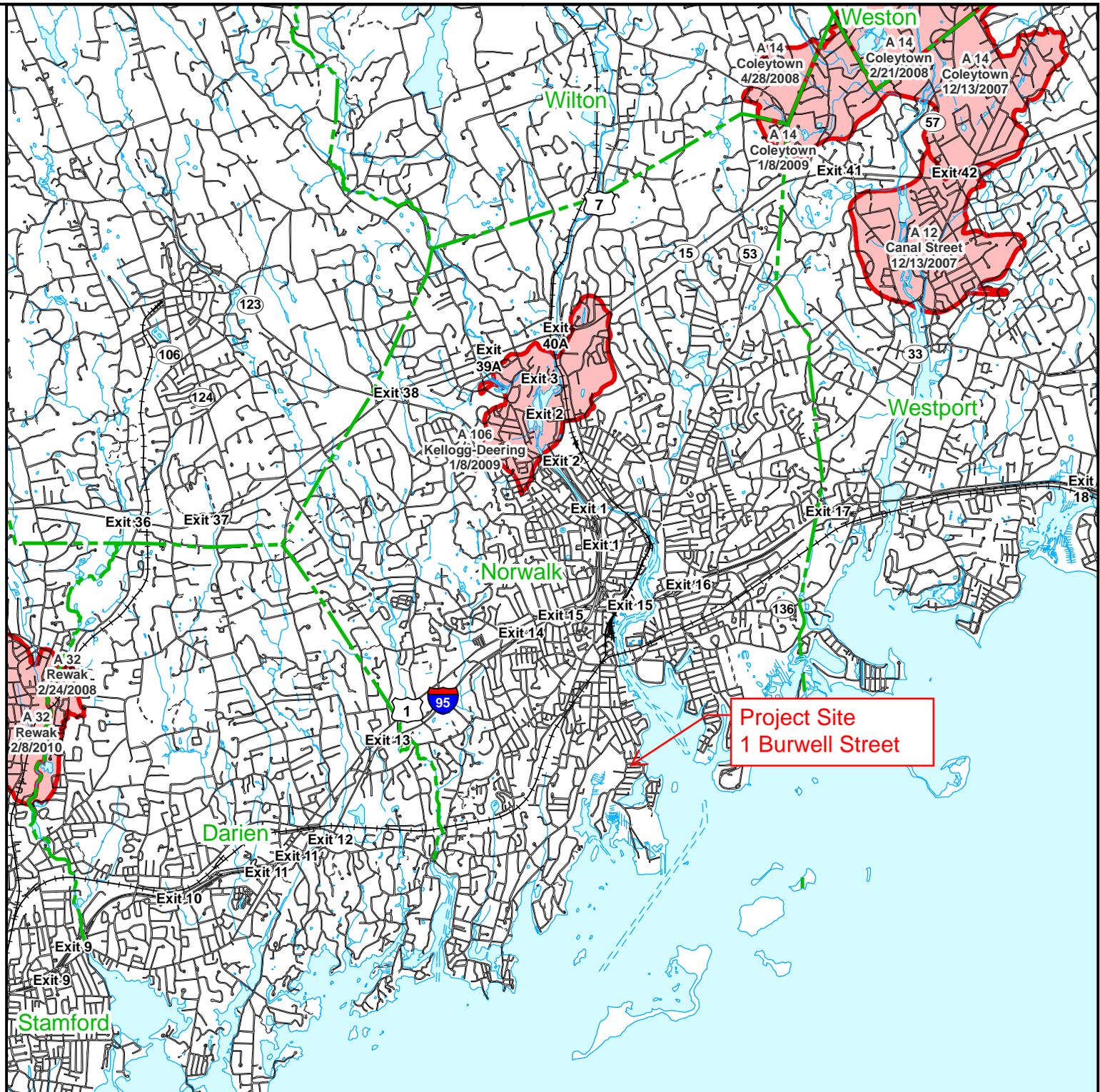
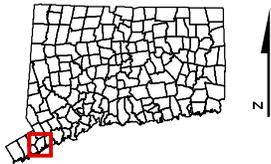
Norwalk, CT

December 28, 2015

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

NOTE: The Aquifer Protection Areas were delineated through Connecticut's Level A and Level B Mapping Processes. Aquifer Protection Areas are delineated for active public water supply wells in stratified drift that serve more than 1000 people, in accordance with Sections 22a-354c and 22a-354z of the Connecticut General Statutes. Level B Mapping delineates a preliminary aquifer protection area, providing an estimate of the land area from which the well draws its water. Level A Mapping delineates the final Aquifer Protection Area, which becomes the regulatory boundary for land use controls designed to protect the well from contamination. As Level A Mapping is completed for each well field and approved by DEEP, it replaces the Level B Mapping. Final Adopted Level A Areas are those where towns have land use regulations for them. Massachusetts and Rhode Island Wellhead Protection Areas may be shown for informational purposes.

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





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

Legend



1 Burwell Street



Natural Diversity Area



Service Layer Credits: Sources: Esri, HERE, DeLorme, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, MapmyIndia, © OpenStreetMap contributors, and the GIS User Community





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

1278 - 1 Burwell Street

IPaC Trust Resources Report

Generated March 16, 2016 12:18 PM MDT, IPaC v3.0.0

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

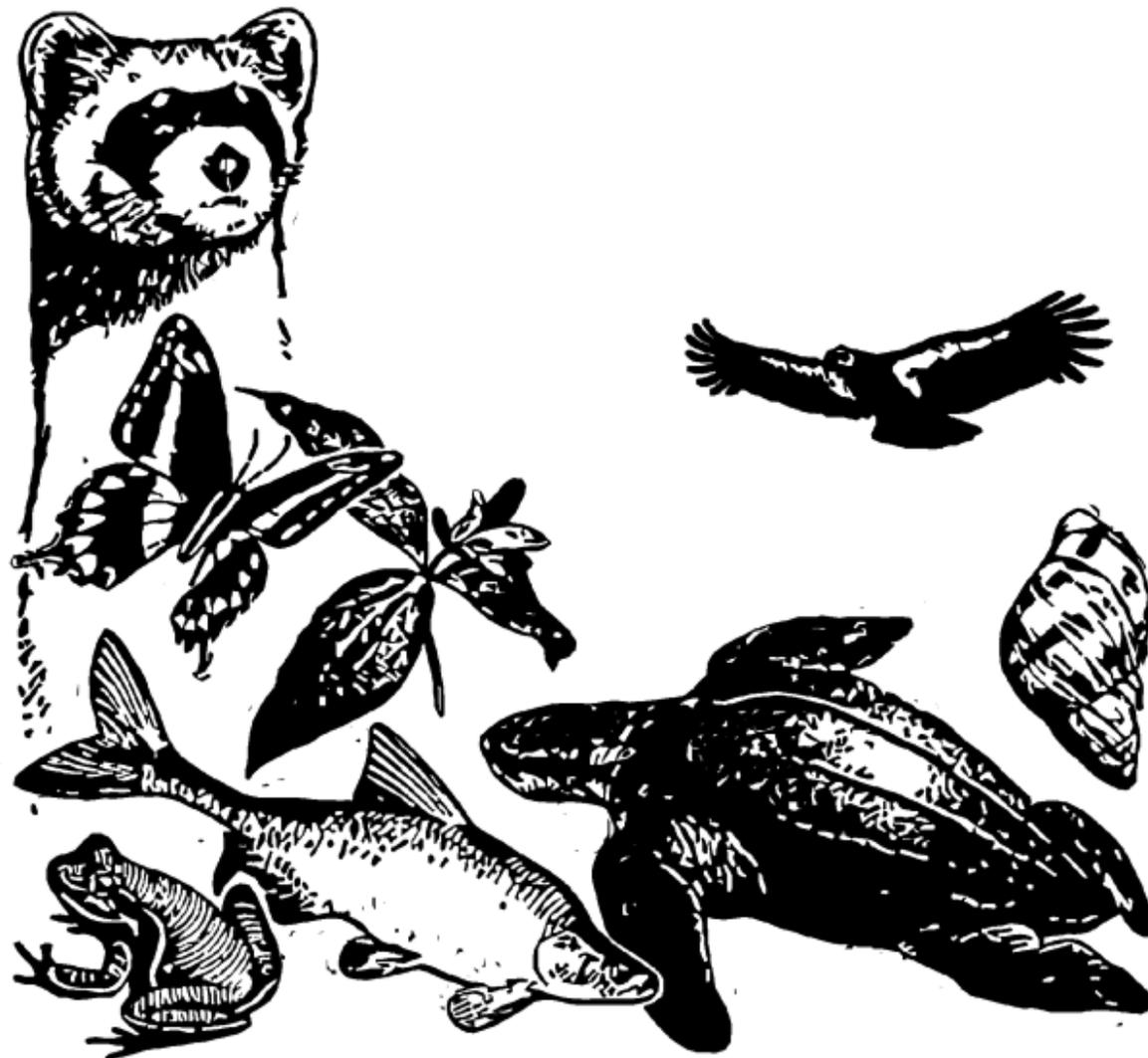


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U.S. Fish & Wildlife Service

IPaC Trust Resources Report



NAME

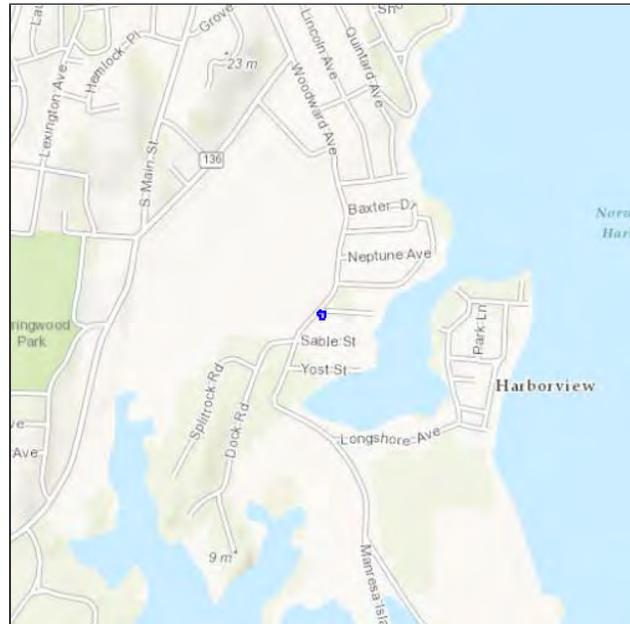
1278 - 1 Burwell Street

LOCATION

Fairfield County, Connecticut

IPAC LINK

<https://ecos.fws.gov/ipac/project/RUDZD-B43PN-AUBJR-FXMWO-3IBPEU>



U.S. Fish & Wildlife Service Contact Information

Trust resources in this location are managed by:

New England Ecological Services Field Office

70 Commercial Street, Suite 300

Concord, NH 03301-5094

(603) 223-2541

Endangered Species

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

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

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

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

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

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

Birds

Red Knot *Calidris canutus rufa* Threatened

CRITICAL HABITAT

No critical habitat has been designated for this species.

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

Mammals

Northern Long-eared Bat *Myotis septentrionalis* Threatened

CRITICAL HABITAT

No critical habitat has been designated for this species.

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

Critical Habitats

There are no critical habitats in this location

Migratory Birds

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

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

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

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

Additional information can be found using the following links:

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

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

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

Black-billed Cuckoo <i>Coccyzus erythrophthalmus</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HI	Bird of conservation concern
Blue-winged Warbler <i>Vermivora pinus</i> Season: Breeding	Bird of conservation concern
Canada Warbler <i>Wilsonia canadensis</i> Season: Breeding	Bird of conservation concern
Fox Sparrow <i>Passerella iliaca</i> Season: Wintering	Bird of conservation concern
Hudsonian Godwit <i>Limosa haemastica</i> Season: Migrating	Bird of conservation concern
Least Bittern <i>Ixobrychus exilis</i> Season: Breeding	Bird of conservation concern
Least Tern <i>Sterna antillarum</i> Season: Breeding	Bird of conservation concern
Peregrine Falcon <i>Falco peregrinus</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0FU	Bird of conservation concern
Pied-billed Grebe <i>Podilymbus podiceps</i> Year-round	Bird of conservation concern
Prairie Warbler <i>Dendroica discolor</i> Season: Breeding	Bird of conservation concern
Purple Sandpiper <i>Calidris maritima</i> Season: Wintering	Bird of conservation concern
Rusty Blackbird <i>Euphagus carolinus</i> Season: Wintering	Bird of conservation concern
Saltmarsh Sparrow <i>Ammodramus caudacutus</i> Season: Breeding	Bird of conservation concern
Seaside Sparrow <i>Ammodramus maritimus</i> Year-round	Bird of conservation concern
Short-eared Owl <i>Asio flammeus</i> Season: Wintering https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HD	Bird of conservation concern
Snowy Egret <i>Egretta thula</i> Season: Breeding	Bird of conservation concern
Upland Sandpiper <i>Bartramia longicauda</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0HC	Bird of conservation concern
Willow Flycatcher <i>Empidonax traillii</i> Season: Breeding https://ecos.fws.gov/tess_public/profile/speciesProfile.action?sPCODE=B0F6	Bird of conservation concern

Wood Thrush *Hylocichla mustelina*

Season: Breeding

Bird of conservation concern

Worm Eating Warbler *Helmintheros vermivorum*

Season: Breeding

Bird of conservation concern

Wildlife refuges and fish hatcheries

There are no refuges or fish hatcheries in this location

Wetlands in the National Wetlands Inventory

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

For more information please contact the Regulatory Program of the local [U.S. Army Corps of Engineers District](#).

DATA LIMITATIONS

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

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

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

DATA EXCLUSIONS

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

DATA PRECAUTIONS

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

Wetland data is unavailable at this time.



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

Attachment 7 – Checklist Item 11 Documentation – Environmental Justice

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

2014 Distressed Municipalities

Ranked by Score

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

2014 Distressed Municipalities

In town alphabetical order

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



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

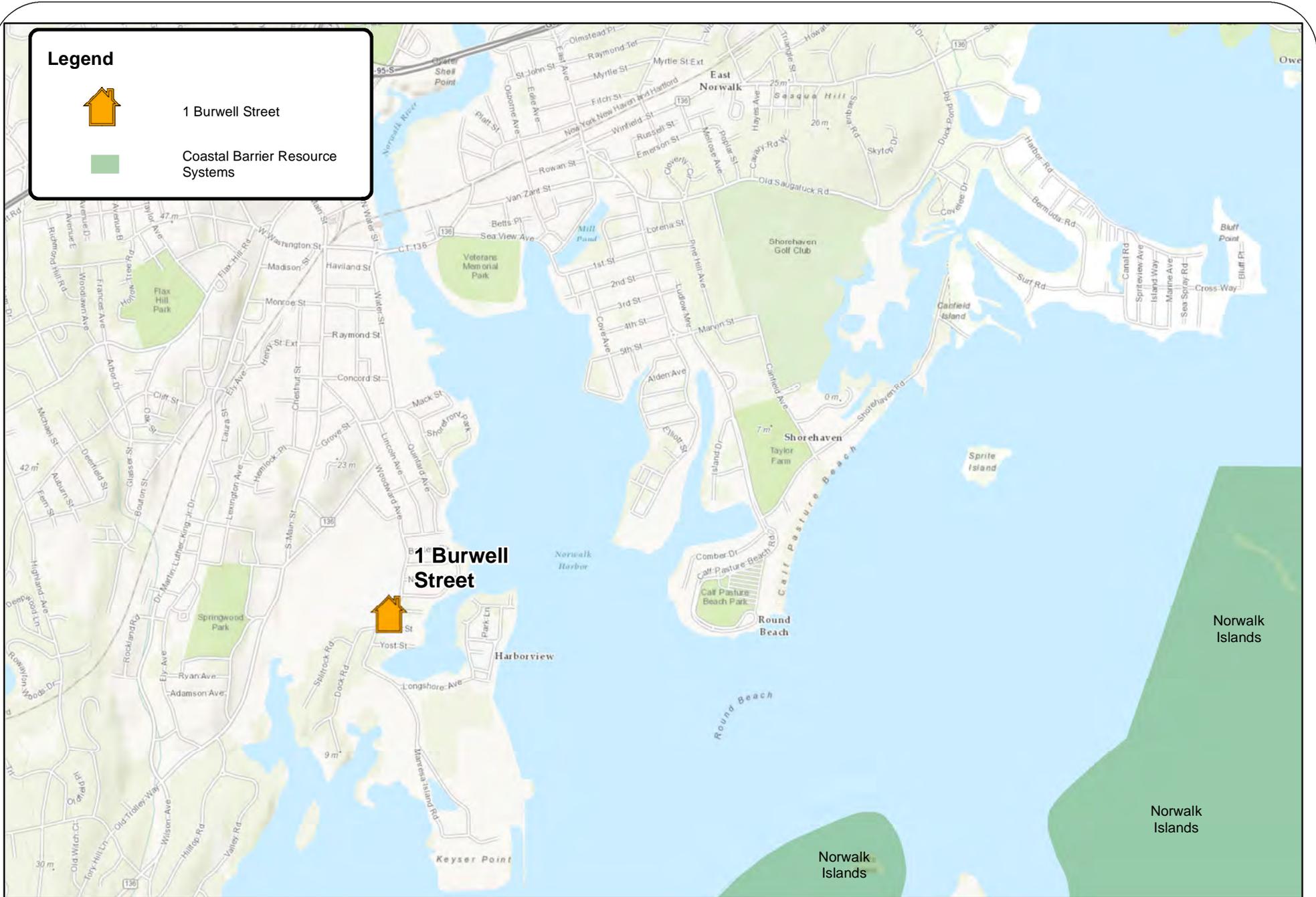
Legend



1 Burwell Street



Coastal Barrier Resource Systems



MCA
MARTINEZ COUCH & ASSOCIATES, LLC





1084 Cromwell Avenue Suite, A-2
Rocky Hill, CT 06067
Tel: 860-436-4364
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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**

Applicant No. 1278

**1 Burwell Street
Norwalk, Connecticut**

PREPARED FOR:

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

PREPARED BY:

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

December 28, 2015

SIGNATURES OF REPORT AUTHORS

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



Michael DiFabio
CTDPH Asbestos Inspector #000898

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Table 1	Summary of Laboratory Analysis of Spore Types
Table 2	Summary of Laboratory Analysis of Radon Testing

ATTACHMENTS

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

I. Introduction

Facility Support Services, LLC (FSS) was contracted by Martinez, Couch & Associates, LLC (MCA) to perform a limited scope hazardous materials survey of 1 Burwell Street in Norwalk Connecticut (the “Site”). The purpose of this inspection was to identify the presence of asbestos, PCBs, radon, lead paint and mold in certain building materials proposed for removal/demolition that qualify for the repair/replacement of items damaged by the October 2012 Tropical Storm Sandy under the Connecticut Department of Housing (DOH), Community Development Block Grant – Disaster Recovery Owner Occupied Recovery and Rehabilitation Program.

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

II. Mold

FSS conducted sampling for mold on December 11, 2015. Testing for total spores in air was conducted for the following areas of 1 Burwell Street in Norwalk, Connecticut to identify concerns with indoor air quality related to mold and fungi:

- 2nd Floor Hallway
- 1st Floor (between dining and living room)
- Outside of House
- Blank sample

The outside ambient air sample provided a background reference sample (collected from a location in the front yard). Mr. Michael DiFabio of FSS conducted the spore sampling utilizing an air sampling pump and sample media. Air was collected at a rate of 15.0 liters of air per minute. The samples were collected on Air-O-Cell type sampling cartridges located in line with the sampling pump, which ran for 10 minutes at each sampling location. FSS did not observe any mold or signs of mold during the time of inspection.

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

Sample Number & Location	Raw Count	Total Fungi (Count/m ³)	Spore Types Present
222141211-1278 MS1 2 nd Floor	53	1,120	Ascospores, Aspergillus/Penicillium, Basidiospores, Chaetomium, Cladosporium, Ganoderma, Myxomycetes/Periconia/Smut, Rust
222141211-1278 MS2 1 st Floor	117	2,470	Alternaria, Ascospores, Aspergillus/Penicillium, Basidiospores, Chaetomium, Cladosporium, Ganoderma, Myxomycetes/Periconia/Smut,
222141211-1278 MS3 Outside	21	340	Ascospores, Basidiospores, Cladosporium, Ganoderma, Myxomycetes/Periconia/Smut
222141211-1278 MS4 Blank	0	0	No Trace

The suite of mold spores in the outside sample versus the interior samples are similar. The primary mold species were Cladosporium for the outside sample; Ascospores was the primary mold species in the 1st Floor.

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

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

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

Baxter, et al considers mold contamination present in a building when the total mold spore concentration per cubic meter is above 10,000. However in special cases, even low quantitative levels of certain particles or particle types (such as *Aspergillus/Penicillium* 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 1 Burwell Street residence of 2,470/m³, which is below the 10,000/m³ level noted above.

The American Conference of Government Industrial Hygienists (ACGIH) stated that indoor mold levels are generally less than 1/3 the outdoor level and that when indoor mold is at more than this level remedial action should be taken to find the source of the elevated counts and to clean it up. However, this is a general rule and may be inaccurate and unreliable method for screening buildings for mold. FSS's investigation found a total spore concentration in the interior samples at levels over 7 times the outside sample.

III. Radon

Initial radon testing was conducted by Mr. Michael DiFabio. Test results were obtained by using a passive activated charcoal device manufactured and analyzed by Radon Testing Corporation of America of Elmsford, New York. The test devices are individually numbered and marked with a bar code for identification (RTCA 4 Pass Charcoal Canister, NRSB Device Code 10331).

A device was placed in the basement level of the residence on December 11, 2015. The sampling devices were placed on a table with a yellow "Do Not Disturb Test

in Progress” warning sign placed beneath the testing devices. The homeowner was reminded to not open windows or to allow anyone to tamper with the test devices. Testing time was approximately 93 hours.

The Radon canister, and a blank, was submitted to Radon Testing Corporation of America for analysis. The analytical result for the sample was reported to be 2.3 pCi/L (sample# 2362899) and the blank sample was reported to be 0.1 pCi/L (sample# 2362888) as shown on Table 2 below. The EPA action level established for Radon is 4.0 pCi/L. Analytical result reports are included in Attachment B.

Table 2
Summary of Laboratory Analysis of Radon
1 Burwell Street, Norwalk, Connecticut

Canister ID#	Location	Radon Concentration (pCi/L)
December 11-15, 2015		
2362899	Basement	2.3
2362888	Blank	0.1

IV. Asbestos

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

The following suspect materials were indentified during the inspection and sampled for asbestos content:

- Exterior Foundation Coating (Base Coat)
 - East Wall near Entrance
 - North Wall near Entrance
 - North Wall opposite of East Entrance
- Exterior Foundation Coating (Skim Coat)

- East Wall near Entrance
- North Wall near Entrance
- North Wall opposite of East Entrance
- Exterior Window Caulking
 - North Wall Window
 - East Porch Window
 - West Porch Window
 - Basement East Window
- Exterior Window Frame Caulking
 - North Wall Window
 - Basement East Window
- Siding Beneath Blue Siding (Exterior)
 - East Wall near Porch Entrance
- Interior Window Caulking
 - East Porch Window
 - Basement North Window
 - Basement East Window
- Textured Ceiling Coating
 - Dining Room
 - Staircase to 2nd floor
- Chimney Coating
 - Basement

The following suspect materials were identified during the inspection and due to access limitations were not able to be sampled for asbestos content:

- Flat Roof
- Materials surrounding chimney above basement
- Wallboard surrounding chimney on first and second floors, behind paneling on first floor

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 Siding Beneath Blue Vinyl (Exterior) is above the 1% required to confirm a material as asbestos containing.

Suspect asbestos containing materials associated with the Chimney, Flat Roof, and Wallboard must be presumed to contain asbestos unless sampled prior to renovations and found not to contain asbestos.

V. PCBs

Following an inspection of building materials proposed for renovations, suspect PCB-containing materials were identified in the following materials:

- PCB-01
 - Exterior Window Caulking (North Wall Window)
- PCB-02
 - Exterior Window Frame Caulking (North Wall Window)
- PCB-03
 - Exterior Caulking (East Porch Window)
- PCB-04
 - Exterior Caulking (West Porch Window)
- PCB-05
 - Interior Caulking (East Porch Window)
- PCB-06
 - Interior Window Caulking (Basement North Window)
- PCB-07
 - Interior Window Caulking (Basement East Window)
- PCB-08
 - Exterior Window Frame Caulking (Basement East Window)
- PCB-09
 - Exterior Window Caulking (Basement East Window)

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

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

VI. Lead

The subject residential structure was built prior to 1978 (in 1880) and therefore the likelihood that lead painted surfaces are present is increased. As a residential structure built prior to 1978 the removal of lead painted materials where a child under 6 is housed, or may visit, would trigger the EPA Renovation, Repair and Painting (RRP) rule. Furthermore, adherence to the requirements of The Lead-Safe Housing Rule (US Department of Housing and Urban development, HUD) are stipulated by the Connecticut Department of Housing (DOH) as part of the Community Development Block Grant – Disaster Recovery Owner Occupied Recovery and Rehabilitation Program.

A building wide XRF inspection was conducted by Maureen Monaco of Gilberto Lead Inspections, LLC (Gilbertco) utilizing a RMD LPA-1 X-Ray Fluoroscope Spectrum Analyzer. Attachment F contains the Lead Inspection Report. The findings of the investigation determined several areas tested positive for lead based paint ($>1.0 \text{ mg/cm}^2$):

- Front Porch Entry
 - Window Sill (side 4)
 - Ceiling
- Living Room
 - Post/Column
 - Window Trim
- Stairs to 2nd Floor
 - Door Casing
 - Door Jamb
- Dining Room
 - Mantle
 - Chair Rail
 - Ceiling
 - Closet Door Casing
 - Window Trim
 - Door Casing
- Rear Porch
 - Door Jamb
 - Door Casing
- 2nd Floor Bathroom
 - Door Jamb
 - Door Casing
 - Chair Rail (Sides 1,3,4)
- Rear Left Bedroom
 - Door Jamb
- Front Bedroom

- Door Jamb
- Door Casing
- Window Trim
- Exterior
 - Window Reveal (Sides 1,4)
 - Basement window
 - Door from Room #5
 - Door Jamb
 - Threshold
 - Overhang

Non-Intact Materials

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

- Front Porch Entry
 - Window Sill (Side 4)
- Stairs to 2nd floor
 - Door Casing
 - Door Jamb
- Dining Room
 - Closet Door Casing
 - Window Trim
- Rear Porch
 - Door Jamb
 - Door Casing
- 2nd Floor Bathroom
 - Door Jamb
 - Door Casing
- Exterior
 - Window Reveal (Sides 1,4)
 - Door from Room #5
 - Door Jamb
 - Threshold
 - Overhang

Demolition Materials

When toxic wastes are land disposed, contaminated liquid may leach from the waste and pollute ground water. Toxicity is defined through a laboratory procedure called the Toxicity Characteristic Leaching Procedure (TCLP) (Method 1311). The TCLP helps

identify wastes likely to leach concentrations of contaminants that may be harmful to human health or the environment.

VII. 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 – One asbestos containing materials (>1% asbestos) was identified in materials proposed for renovation or demolition:

- **Siding Beneath Blue Vinyl (Exterior)**

An asbestos work plan should be prepared for removal and proper disposal of this material prior to renovation of the residence.

The following suspect materials are presumed to be asbestos containing materials due to access limitations were not able to be sampled for asbestos content:

- Flat Roof
- Materials surrounding chimney above basement
- Wallboard surrounding chimney on first and second floors, behind paneling on first floor

Suspect asbestos containing materials associated with the Chimney are presumed to contain asbestos unless sampled prior to renovations and found not to contain asbestos. An abatement plan for the removal and disposal of these materials should be prepared.

Radon - Levels of radon were identified in the basement of the residence at a level of 2.3pCi/L, below the EPA action level of 4.0 pCi/L. No further investigations or corrective measures are required.

PCBs - Nine suspected PCB-containing materials were identified in proposed demolition materials. Testing of these materials found that it does not contain regulated levels of PCBs. special disposal requirements (for PCBs) are required for this project.

Mold - Mold spore count analysis suggests minor mold growth may be occurring in the first floor of the residence (when comparing indoor mold spore count numbers to exterior spore count numbers and spore types). However, no visible contaminated materials were observed and mold levels were relatively low compared to significantly mold contaminated areas.. No further investigations or special requirements (for Mold) are required for this project.

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

- Front Porch Entry
 - Window Sill (Side 4)
- Stairs to 2nd floor
 - Door Casing
 - Door Jamb
- Dining Room
 - Closet Door Casing
 - Window Trim
- Rear Porch
 - Door Jamb
 - Door Casing
- 2nd Floor Bathroom
 - Door Jamb
 - Door Casing
- Exterior
 - Window Reveal (Sides 1,4)
 - Door from Room #5
 - Door Jamb
 - Threshold
 - Overhang

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: 241505391
 Customer ID: FSS93
 Customer PO:
 Project ID:

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

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

Proj: 22214/ 1 Burwell St

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

Lab Sample Number:	241505391-0001			241505391-0002			241505391-0003		
Client Sample ID:	222141211-1278 MS1			222141211-1278 MS2			222141211-1278 MS3		
Volume (L):	150			150			150		
Sample Location:	2nd Floor			1st Floor			Outside		
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria	-	-	-	1	20	0.8	-	-	-
Ascospores	16	340	30.4	37	780	31.6	6	100	29.4
Aspergillus/Penicillium	3	60	5.4	10	210	8.5	-	-	-
Basidiospores	14	300	26.8	27	570	23.1	6	100	29.4
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	1	20	1.8	4	80	3.2	-	-	-
Cladosporium	6	100	8.9	11	230	9.3	7	100	29.4
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	-	-	-	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	4	80	7.1	9	200	8.1	1	20	5.9
Myxomycetes++	8	200	17.9	16	340	13.8	1	20	5.9
Pithomyces	-	-	-	-	-	-	-	-	-
Rust	1	20	1.8	-	-	-	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Pestalotia	-	-	-	2	40	1.6	-	-	-
Total Fungi	53	1120	100	117	2470	100	21	340	100
Hyphal Fragment	10	210	-	13	270	-	1	20	-
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	5	100	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	3	-	-	2	-	-	-	-
Fibrous Particulate (1-4)	-	3	-	-	2	-	-	-	-
Background (1-5)	-	4	-	-	2	-	-	2	-

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

Gloria V. Oriol, Laboratory Manager
 or Other Approved Signatory

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

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

Initial report from: 12/21/2015 08:46:09

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



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: 241505391
 Customer ID: FSS93
 Customer PO:
 Project ID:

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

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

Proj: 22214/ 1 Burwell St

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

Lab Sample Number:	241505391-0004		
Client Sample ID:	222141211-1278 MS4		
Volume (L):	0		
Sample Location:	Blank		
Spore Types	Raw Count	Count/m³	% of Total
Alternaria	-	-	-
Ascospores	-	-	-
Aspergillus/Penicillium	-	-	-
Basidiospores	-	-	-
Bipolaris++	-	-	-
Chaetomium	-	-	-
Cladosporium	-	-	-
Curvularia	-	-	-
Epicoccum	-	-	-
Fusarium	-	-	-
Ganoderma	-	-	-
Myxomycetes++	-	-	-
Pithomyces	-	-	-
Rust	-	-	-
Scopulariopsis	-	-	-
Stachybotrys	-	-	-
Torula	-	-	-
Ulocladium	-	-	-
Unidentifiable Spores	-	-	-
Zygomycetes	-	-	-
Pestalotia	-	-	-
Total Fungi	-	No Trace	-
Hyphal Fragment	-	-	-
Insect Fragment	-	-	-
Pollen	-	-	-
Analyt. Sensitivity 600x	-	0	-
Analyt. Sensitivity 300x	-	0*	-
Skin Fragments (1-4)	-	-	-
Fibrous Particulate (1-4)	-	-	-
Background (1-5)	-	-	-

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

Gloria V. Oriol, Laboratory Manager
 or Other Approved Signatory

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

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

Initial report from: 12/21/2015 08:46:09

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



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

241505391

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

Company: Facility Support Services, LLC.		EMSL-Bill to: <input checked="" type="checkbox"/> Different <input type="checkbox"/> Same <small>If Bill to is Different note Instructions in Comments**</small>	
Street: 2685 State Street		<i>Third Party Billing requires written authorization from third party</i>	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Michael DiFabio		Telephone #: 203-288-1281	
Email Address: mdifabio@fssteam.com		Fax #:	Purchase Order:
Project Name/Number: <u>22214/1 Burwell St</u>		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CT		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

Turnaround Time (TAT) Options* - Please Check

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

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

Non Culturable Air Samples (Spore Traps) - Test Codes

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

Other Microbiology Test Codes

<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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 	<ul style="list-style-type: none"> • 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: Michael DiFabio Signature of Sampler:

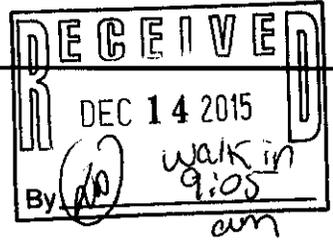
Sample #	Sample Location	Sample Type	Test Code	Volume/Area	Date/Time Collected
Example: A1	Kitchen	Air	M001	75L	11/12 4:00 PM
<u>22214-12-11-12-78</u> MS2	<u>2nd floor</u>	<u>Hot Air</u>	<u>M001</u>	<u>150L</u>	<u>12/11/15 12:09-12:19</u>
MS2	1st floor	↓	↓	↓	↓ 12:21-12:31
MS3	outside	↓	↓	↓	↓ 12:33-12:43
MS4	Blank	↓	-	-	↓ -

Client Sample # (s): MS1 - MS4 Total # of Samples: 4

Relinquished (Client): Date: 12/11/15 ^{MVD} 12/11/15 Time: 9:06

Received (Client): Date: Time:

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



ATTACHMENT B
RADON ANALYTICAL DATA

Site Radon Inspection Report

Date : 12/21/2015

Mike Difabio
FACILITY SUPPORT SVCS., LLC
2685 State Street
Hamden, CT 06517-

Client: 1 Burnell Street
Test Location: 1 Burwell Street
Norwalk, CT 06854-

Individual Canister Results

Canister ID# :	2362888	Test Start :	12/11/2015 @ 12:11
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/15/2015 @ 09:06
Location :	Blank	Received:	12/21/2015 @ 13:14
Radon Level :	0.1 pCi/L	Analyzed:	12/23/2015 @ 11:25
Error for Measurement is: ±	0.6 pCi/L		

Canister ID# :	2362899	Test Start :	12/11/2015 @ 12:11
Canister Type :	Charcoal Canister 3 inch	Test Stop :	12/15/2015 @ 09:06
Location :	Basement	Received:	12/21/2015 @ 13:14
Radon Level :	2.3 pCi/L	Analyzed:	12/23/2015 @ 11:25
Error for Measurement is: ±	0.7 pCi/L		

The reported results indicate that radon levels in the building tested are below the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends retesting if your living patterns change and you begin occupying a lower level of the building, such as a basement or if major remodeling is done.

General radon information may be obtained by consulting the EPA booklet: A Citizen's Guide to Radon (www.epa.gov/radon/pubs/citguide.html). To request a copy or for further information, please contact your state health department. The EPA maintains a radon information website, including copies of its publications, at www.epa.gov/iaq/radon.

For New Jersey clients: Please see the attached guidance document entitled Radon Testing and Mitigation: The Basics for further information.

For New York clients: If the radon level of one or more testing devices is equal to or exceeds 20 pCi/L please contact the New York State Department of Health, Bureau of Environmental Radiation Protection, for technical advice and assistance at 518-402-7556 or toll free 1-800-458-1158.

PLEDGE OF ASSURED QUALITY

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of radon in air (EPA 402-R-92-004). The analytical results relate only to the samples tested, in the condition received by the lab, and that calculations were based upon the information supplied by client. RTCA and its personnel do not assume responsibility or liability, collectively and individually, for analysis results when detectors have been improperly handled or placed by the consumer, nor does RTCA and its personnel accept responsibility for any financial or health consequences of subsequent action or lack of action, taken by the customer or it's consultants based on RTCA-provided results.



Andreas C. George

Andreas C. George
Radon Measurement Specialist
NJ MES 11089

Dante Galan

Dante Galan
Laboratory Director

NRSB ARL0001
NYS ELAP ID: 10806
PADEP ID: 0346
NJDEP ID: NY933
NJ MEB 90036
FL DOH RB1609
IL RNL2000201

ATTACHMENT C

FSS LICENSURE

Dear MIKE V DIFABIO,

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

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

Sincerely,



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

EMPLOYER'S COPY
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

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

SIGNATURE:  COMMISSIONER

INSTRUCTIONS:

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

STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT
THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A
ASBESTOS CONSULTANT-INSPECTOR

MIKE V DIFABIO

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

SIGNATURE:  COMMISSIONER

WALLET CARD
STATE OF CONNECTICUT
DEPARTMENT OF PUBLIC HEALTH

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

SIGNATURE:  COMMISSIONER

ATTACHMENT D

ASBESTOS LABORATORY ANALYTICAL DATA



EMSL Analytical, Inc.

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

EMSL Order: 241505392
Customer ID: FSS93
Customer PO:
Project ID:

Attention: Michael DiFabio
Facility Support Services, LLC
2685 State Street
Hamden, CT 06517
Project: 22214/ 1 Burwell St

Phone: (203) 288-1281
Fax: (203) 248-4409
Received Date: 12/14/2015 9:05 AM
Analysis Date: 12/19/2015
Collected Date:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
222141211-1278-01A 241505392-0001	East Wall Near Entrance - Exterior Foundation Coating Base Coat	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-01B 241505392-0002	North Wall Near East Entrance - Exterior Foundation Coating Base Coat	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-01C 241505392-0003	North Wall Opposite of East Entrance - Exterior Foundation Coating Base Coat	Gray Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
222141211-1278-02A 241505392-0004	East Wall Near Entrance - Exterior Foundation Coating Skim Coat	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-02B 241505392-0005	North Wall Near East Entrance - Exterior Foundation Coating Skim Coat	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-02C 241505392-0006	North Wall Opposite of East Entrance - Exterior Foundation Coating Skim Coat	White Non-Fibrous Homogeneous	5% Glass	35% Quartz 60% Non-fibrous (Other)	None Detected
222141211-1278-03A 241505392-0007	North Wall Window - Exterior Window Caulking	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-03B 241505392-0008	North Wall Window - Exterior Window Caulking	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-04A 241505392-0009	North Wall Window - Exterior Window Frame Caulking	Gray/White Non-Fibrous Homogeneous	10% Fibrous (Other)	90% Non-fibrous (Other)	None Detected
222141211-1278-04B 241505392-0010	North Wall Window - Exterior Window Frame Caulking	White Non-Fibrous Homogeneous		15% Quartz 85% Non-fibrous (Other)	None Detected
222141211-1278-05A 241505392-0011	East Wall Near Porch Entrance - Siding Beneath Blue Vinyl (exterior)	Gray Non-Fibrous Homogeneous		75% Non-fibrous (Other)	25% Chrysotile
222141211-1278-05B 241505392-0012	East Wall Near Porch Entrance - Siding Beneath Blue Vinyl (exterior)	Gray Fibrous Homogeneous		60% Non-fibrous (Other)	40% Chrysotile
222141211-1278-06A 241505392-0013	East Porch Window - Interior Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-06B 241505392-0014	East Porch Window - Interior Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial Report From: 12/21/2015 11:06:25



EMSL Analytical, Inc.

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

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

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

EMSL Order: 241505392

Customer ID: FSS93

Customer PO:

Project ID:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
222141211-1278-07A <small>241505392-0015</small>	East Porch Window - Exterior Caulking	Gray/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-07B <small>241505392-0016</small>	East Porch Window - Exterior Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-08A <small>241505392-0017</small>	West Porch Window - Exterior Caulking	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-08B <small>241505392-0018</small>	West Porch Window - Exterior Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-09A <small>241505392-0019</small>	Dining Room - Textured Ceiling Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-09B <small>241505392-0020</small>	Dining Room - Textured Ceiling Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-09C <small>241505392-0021</small>	Dining Room - Textured Ceiling Coating	White Non-Fibrous Homogeneous	5% Synthetic 2% Glass	93% Non-fibrous (Other)	None Detected
222141211-1278-10A <small>241505392-0022</small>	Stair Case to 2nd Floor - Textured Ceiling Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-10B <small>241505392-0023</small>	Stair Case to 2nd Floor - Textured Ceiling Coating	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-10C <small>241505392-0024</small>	Stair Case to 2nd Floor - Textured Ceiling Coating	White Non-Fibrous Homogeneous		35% Ca Carbonate 65% Non-fibrous (Other)	None Detected
222141211-1278-11A <small>241505392-0025</small>	Basement - Chimney Coating	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-11B <small>241505392-0026</small>	Basement - Chimney Coating	Brown Non-Fibrous Homogeneous		10% Quartz 90% Non-fibrous (Other)	None Detected
222141211-1278-12A <small>241505392-0027</small>	Basement North Window - Interior Window Caulking	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-12B <small>241505392-0028</small>	Basement North Window - Interior Window Caulking	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-13A <small>241505392-0029</small>	Basement East Window - Interior Window Caulking	Gray Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-13B <small>241505392-0030</small>	Basement East Window - Interior Window Caulking	White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-14A <small>241505392-0031</small>	Basement East Window - Exterior Window Frame Caulking	Tan Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-14B <small>241505392-0032</small>	Basement East Window - Exterior Window Frame Caulking	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected
222141211-1278-15A <small>241505392-0033</small>	Basement East Window - Exterior Window Caulking	Tan/White Non-Fibrous Homogeneous		100% Non-fibrous (Other)	None Detected

Initial Report From: 12/21/2015 11:06:25



EMSL Analytical, Inc.

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

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

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

EMSL Order: 241505392
Customer ID: FSS93
Customer PO:
Project ID:

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

Sample	Description	Appearance	Non-Asbestos		Asbestos
			% Fibrous	% Non-Fibrous	% Type
222141211-1278-15B	Basement East Window - Exterior	Tan Non-Fibrous		100% Non-fibrous (Other)	None Detected
241505392-0034	Window Caulking	Homogeneous			

Analyst(s)

Jeremy Patino (19)

Lauren Brennan (15)

Gloria V. Oriol, Laboratory Manager
or Other Approved Signatory

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

Samples analyzed by EMSL Analytical, Inc. Wallingford, CT NVLAP Lab Code 200700-0,

Initial Report From: 12/21/2015 11:06:25



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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

241505392

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

Company Name : Facility Support Services, LLC.		EMSL Customer ID:	
Street: 2685 State Street		City: Hamden	State/Province: CT
Zip/Postal Code: 06517	Country: United States	Telephone #: 203-288-1281	Fax #:
Report To (Name): Michael DiFabio		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email	
Email Address: mdifabio@fssteam.com		Purchase Order:	
Project Name/Number: 22214 / 1 Burwell St		EMSL Project ID (Internal Use Only):	
U.S. State Samples Taken: CT		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> Residential/Tax Exempt	

EMSL-Bill to: Same Different - If Bill to is Different note instructions in Comments**
Third Party Billing requires written authorization from third party

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.

<p>PCM - Air <input type="checkbox"/> Check if samples are from NY</p> <p><input type="checkbox"/> NIOSH 7400</p> <p><input type="checkbox"/> w/ OSHA 8hr. TWA</p> <p>PLM - Bulk (reporting limit)</p> <p><input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)</p> <p><input type="checkbox"/> PLM EPA NOB (<1%)</p> <p>Point Count</p> <p><input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)</p> <p>Point Count w/Gravimetric</p> <p><input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)</p> <p><input type="checkbox"/> NYS 198.1 (friable in NY)</p> <p><input type="checkbox"/> NYS 198.6 NOB (non-friable-NY)</p> <p><input type="checkbox"/> NYS 198.8 SOF-V</p> <p><input type="checkbox"/> NIOSH 9002 (<1%)</p>	<p>TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only)</p> <p><input type="checkbox"/> AHERA 40 CFR, Part 763</p> <p><input type="checkbox"/> NIOSH 7402</p> <p><input type="checkbox"/> EPA Level II</p> <p><input type="checkbox"/> ISO 10312</p> <p>TEM - Bulk</p> <p><input type="checkbox"/> TEM EPA NOB</p> <p><input type="checkbox"/> NYS NOB 198.4 (non-friable-NY)</p> <p><input type="checkbox"/> Chatfield SOP</p> <p><input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5</p> <p>TEM - Water: EPA 100.2</p> <p>Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking</p> <p>All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking</p>	<p>TEM- Dust</p> <p><input type="checkbox"/> Microvac - ASTM D 5755</p> <p><input type="checkbox"/> Wipe - ASTM D6480</p> <p><input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)</p> <p>Soil/Rock/Vermiculite*</p> <p><input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity)</p> <p><input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity)</p> <p><input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity)</p> <p><input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity)</p> <p><input type="checkbox"/> TEM Qual. via Filtration Technique</p> <p><input type="checkbox"/> TEM Qual. via Drop-Mount Technique</p> <p><small>*Can not accept New York State Loose Fill Vermiculite Samples</small></p> <p>Other:</p> <p><input type="checkbox"/></p>
---	--	---

Check For Positive Stop - Clearly Identify Homogenous Group Filter Pore Size (Air Samples): 0.8µm 0.45µm

Samplers Name: Michael DiFabio Samplers Signature:

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	See Attached		

Client Sample # (s): <u>01</u> - <u>15</u>	Total # of Samples: <u>34</u>
Reinquished (Client):	Date: <u>12/14/15</u> ^{hrs} Time: <u>9:06</u>
Received (Lab):	Date: _____ Time: _____

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

RECEIVED

DEC 14 2015

By walk in 9:05 am

FACILITY SUPPORT SERVICES, LLC

Asbestos Sampling Log

CLIENT: Martinez Couch

DATE: 12/11/2015

LOCATION: 1 Burwell Street

SAMPLED BY: M. DiFabio

SAMPLE ID	LOCATION	DESCRIPTION
20141211-1279 01A	East Wall near Entrance	Exterior Foundation Coating Base coat
B	North wall Near East Entrance	↓
C	North wall opposite of East Entrance	↓
02A	East wall Near Entrance	Exterior Foundation Coating Skim coat
B	North wall Near East Entrance	↓
C	North wall opposite of East Entrance	↓
03A	North wall Window	Exterior window caulking
B	↓	↓
04A	↓	Exterior window frame caulking
B	↓	
05A	East wall Near Porch Entrance	Siding Beneath Blue Vinyl (Exterior)
B	↓	↓
06A	East porch window	Interior caulking
B	↓	↓
07A	↓	Exterior caulking
B	↓	↓
08A	West Porch window	Exterior caulking
B		↓
09A	Dining Room	Textured ceiling coating
B	↓	↓

RECEIVED
 2685 SHUTE ST.; HAMDEN, CT 06517
 DEC 14 2015
 PH: 203-288-1281 FAX: 203-248-4409
 Website: www.fssteam.com
 By [Signature] Walk in
 9:07 AM

Page 2 of 3

ATTACHMENT E
PCB ANALYTICAL DATA



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

Analytical Report

CET# 5120394

Report Date: December 21, 2015
Project: 22214
Project Number: 1 Burwell, Norwalk, 22214-1278

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



New York Certification: 11982
Rhode Island Certification: 199

CET #: 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

SAMPLE SUMMARY

The sample(s) were received at 2.1°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
PCB-01	5120394-01	Solid	12/11/2015	12/14/2015
PCB-02	5120394-02	Solid	12/11/2015	12/14/2015
PCB-03	5120394-03	Solid	12/11/2015	12/14/2015
PCB-04	5120394-04	Solid	12/11/2015	12/14/2015
PCB-05	5120394-05	Solid	12/11/2015	12/14/2015
PCB-06	5120394-06	Solid	12/11/2015	12/14/2015
PCB-07	5120394-07	Solid	12/11/2015	12/14/2015
PCB-08	5120394-08	Solid	12/11/2015	12/14/2015
PCB-09	5120394-09	Solid	12/11/2015	12/14/2015

Client Sample ID PCB-01

Lab ID: 5120394-01

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:11	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:11	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:11	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:11	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:11	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:11	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:11	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:11	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:11	

Surrogate: TCMX

61.7 %

50 - 150

B5L1517

12/15/2015

12/18/2015 02:11

Surrogate: DCB

54.0 %

50 - 150

B5L1517

12/15/2015

12/18/2015 02:11

CET # : 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

Client Sample ID PCB-02

Lab ID: 5120394-02

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:29	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:29	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:29	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:29	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:29	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:29	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:29	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:29	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:29	
<i>Surrogate: TCMX</i>	<i>55.0 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 02:29</i>	
<i>Surrogate: DCB</i>	<i>49.6 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 02:29</i>	L

CET # : 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

Client Sample ID PCB-03

Lab ID: 5120394-03

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:48	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:48	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:48	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:48	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:48	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:48	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:48	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:48	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 02:48	

Surrogate: TCMX 73.2 % 50 - 150 B5L1517 12/15/2015 12/18/2015 02:48

Surrogate: DCB 52.1 % 50 - 150 B5L1517 12/15/2015 12/18/2015 02:48

CET # : 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

Client Sample ID PCB-04

Lab ID: 5120394-04

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:07	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:07	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:07	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:07	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:07	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:07	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:07	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:07	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:07	
<i>Surrogate: TCMX</i>	<i>73.2 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 03:07</i>	
<i>Surrogate: DCB</i>	<i>57.2 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 03:07</i>	

CET # : 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

Client Sample ID PCB-05

Lab ID: 5120394-05

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:31	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:31	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:31	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:31	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:31	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:31	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:31	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:31	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/21/2015 12:31	
<i>Surrogate: TCMX</i>	<i>64.6 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/21/2015 12:31</i>	
<i>Surrogate: DCB</i>	<i>73.0 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/21/2015 12:31</i>	

CET # : 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

Client Sample ID PCB-06

Lab ID: 5120394-06

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:44	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:44	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:44	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:44	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:44	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:44	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:44	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:44	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 03:44	

Surrogate: TCMX

70.2 %

50 - 150

B5L1517

12/15/2015

12/18/2015 03:44

Surrogate: DCB

57.3 %

50 - 150

B5L1517

12/15/2015

12/18/2015 03:44

CET #: 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

Client Sample ID PCB-07

Lab ID: 5120394-07

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:02	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:02	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:02	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:02	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:02	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:02	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:02	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:02	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:02	

Surrogate: TCMX

68.9 %

50 - 150

B5L1517

12/15/2015

12/18/2015 04:02

Surrogate: DCB

54.4 %

50 - 150

B5L1517

12/15/2015

12/18/2015 04:02

CET #: 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

Client Sample ID PCB-08

Lab ID: 5120394-08

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:21	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:21	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:21	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:21	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:21	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:21	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:21	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:21	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:21	
<i>Surrogate: TCMX</i>	<i>60.9 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 04:21</i>	
<i>Surrogate: DCB</i>	<i>47.0 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 04:21</i>	L

CET # : 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

Client Sample ID PCB-09

Lab ID: 5120394-09

PCBs by Soxhlet

Method: EPA 8082A

Analyst: SJ

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:40	
PCB-1221	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:40	
PCB-1232	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:40	
PCB-1242	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:40	
PCB-1248	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:40	
PCB-1254	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:40	
PCB-1260	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:40	
PCB-1268	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:40	
PCB-1262	ND	0.80	4	EPA 3540C	B5L1517	12/15/2015	12/18/2015 04:40	
<i>Surrogate: TCMX</i>	<i>65.5 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 04:40</i>	
<i>Surrogate: DCB</i>	<i>55.2 %</i>	<i>50 - 150</i>			B5L1517	12/15/2015	<i>12/18/2015 04:40</i>	

CET # : 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

QUALITY CONTROL SECTION

Batch B5L1517 - EPA 8082A

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B5L1517-BLK1)					Prepared: 12/15/2015 Analyzed: 12/17/2015				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							
<i>Surrogate: TCMX</i>					85.2	50 - 150			
<i>Surrogate: DCB</i>					97.7	50 - 150			
LCS (B5L1517-BS1)					Prepared: 12/15/2015 Analyzed: 12/17/2015				
PCB-1016	0.893	0.20	1.000		89.3	50 - 150			
PCB-1260	1.00	0.20	1.000		100	50 - 150			
<i>Surrogate: TCMX</i>					81.5	50 - 150			
<i>Surrogate: DCB</i>					92.8	50 - 150			



80 Lupes Drive
Stratford, CT 06615

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

Quality Control Definitions and Abbreviations

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

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



Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York Certification 11982
Rhode Island Certification 199

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

Sincerely,



David Ditta
Laboratory Director

Report Comments:

Sample Result Flags:

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

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

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

ND is None Detected at the specified detection limit

All analyses were performed in house unless a Reference Laboratory is listed.

Samples will be disposed of 30 days after the report date.

CET # : 5120394

Project: 22214

Project Number: 1 Burwell, Norwalk, 22214-1278

CERTIFICATIONS

Certified Analyses included in this Report

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

Complete Environmental Testing operates under the following certifications and accreditations:

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

ATTACHMENT F
LEAD INSPECTION REPORT

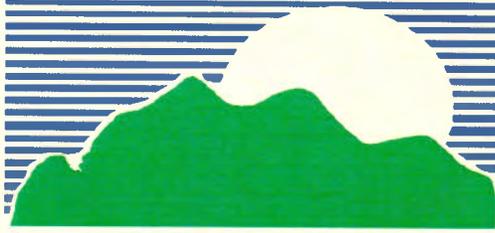
**LEAD BASED PAINT INSPECTION
REPORT OF FINDINGS
OF:**

1 BURWELL STREET
NORWALK, CONNECTICUT



DATE:
DECEMBER 11, 2015

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



GILBERTCO LEAD INSPECTIONS, LLC

“LEAD BASED PAINT SPECIALIST”

December 11, 2015

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

Re: Lead Based Paint Inspection: 1 Burwell Street, Norwalk, CT

Gilbertco Lead Inspections LLC performed a limited XRF inspection for the presence of lead based paint at 1 Burwell Street, Norwalk, Connecticut. The inspection was requested by Facility Support Services in response to planned renovations and repairs to the site by State of Connecticut Department of Housing Community Block Grant Disaster Recovery Program.

The site inspected consists of a single family, colonial style home built about 1880. The home has been renovated through the years including new vinyl windows and vinyl siding. The home was found in good repair and enjoying excellent housekeeping. There are no children under the age of six currently residing here.

In accordance with manufacturers Performance Characteristic Sheets, the RMD LPA-1 Spectrum Analyzer was used in the “Quick” assaying mode to detect lead in paint. This enables the equipment to accurately determine whether the result is “Positive”, above the 1.0 mg/cm² action level or “Negative”, below the action level regardless of precision or operator bias. In accordance with the above guidance, values of 0.9 mg/cm² through 1.1 mg/cm² are considered “Inconclusive”, meaning the value level of lead in paint was so close to the 1.0 mg/cm² action level that further analysis by XRF would not result in a “Positive” or “Negative” answer. Only laboratory analysis of the paint film can determine actual values in this range. Chip sampling of inconclusive was not included in the scope of this report, therefore, any results above 0.9 mg/cm² are considered positive. Results are arranged floor plan style with the substrate and condition noted. Orientation of rooms places side ‘one’ as street side, with side ‘two’ to the left, side ‘three’ opposite, and wall ‘four’ to the right. Rooms were tested in a clockwise pattern.

In regards to the above mentioned property, *several lead based paint hazards were identified*. A lead based paint hazard is “any condition that causes exposure to lead from lead-contaminated dust, lead contaminated soil, or lead-contaminated paint that is deteriorated or present in accessible surfaces, friction surfaces, or impact surfaces that would result in adverse human health effects...”. (Lead Based Paint Hazard Reduction Act of 1992- Title X) These areas, identified in the following report as ***positive and non-intact*** can be remediated in accordance with CGS 19a-111 using lead safe practices. In April 2010, a new EPA regulation requires that any contractor who disturbs more than six square feet of painted surface per room, twenty feet on exterior surfaces, or does window replacement must be certified as a Renovate Right Contractor. Homeowners are allowed to do their own renovation but are not exempt from providing renovation notices or posting informational signs. Further information regarding Renovate Right may be obtained at www.epa.gov/lead/pubs/renovation or by calling the National Lead Information Center at 1-800-424-LEAD (5323).

Lead in dust was not included in the scope of this report. Only laboratory analysis can insure that no lead dust hazards remain after renovations or from everyday use of the home. Lead in dust will be addressed in the final clearance written into the Remediation Plan.

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

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

Please feel free to call if any questions arise,



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

**CERTIFICATION
LEAD IN PAINT RESULTS**

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

PROJECT ADDRESS: 1 BURWELL STREET
NORWALK, CONNECTICUT

PROJECT NUMBER: 121115

TEST DATE: DECEMBER 11, 2015

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

INSTRUMENTATION: PROTEC RMD LPA-1
FLUOROSCOPE SPECTRUM ANALYZER
(XRF) COBALT 57 SOURCE

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

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

OPERATORS CERTIFICATION: LEAD CONSULTANT CONTRACTOR-CC270
LEAD INSPECTOR RISK ASSESSOR- IR 1172
LEAD ABATEMENT SUPERVISOR- 2383
LEAD PLANNER/PROJECT DESIGNER 2152

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

Maurice J. ...

12/11/2015

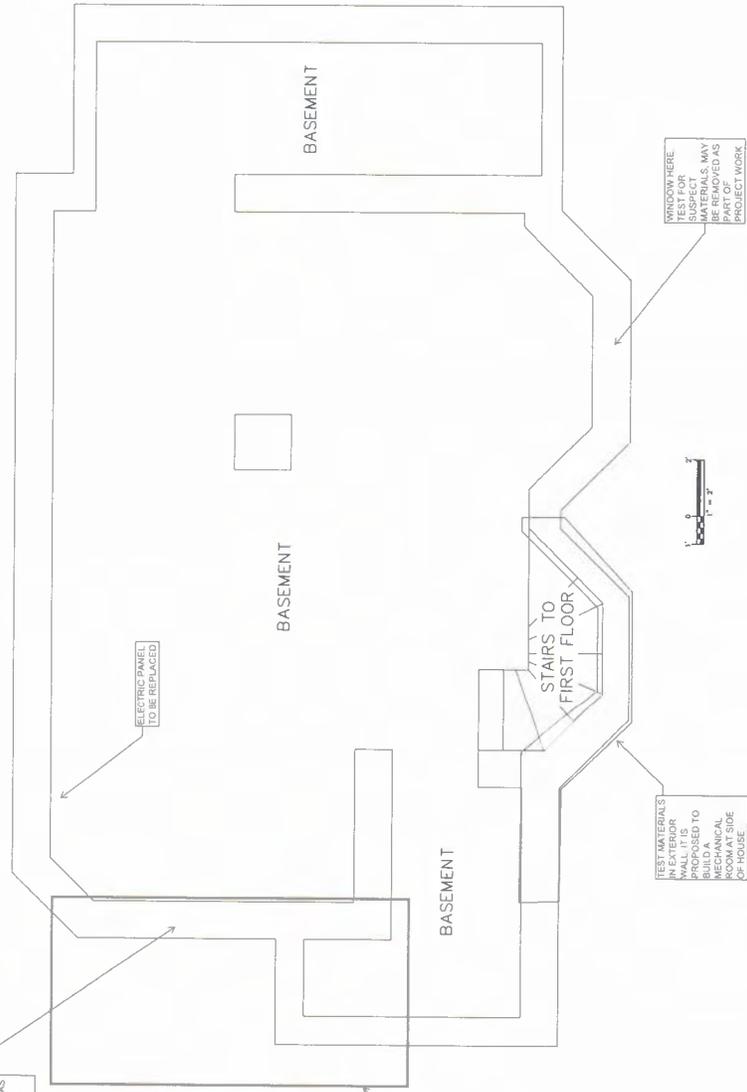
WINDOW HERE TO
BASEMENT; TEST FOR
SUSPECT MATERIALS
IN EXTERIOR WALLS
AS PART OF PROJECT
WORK

TEST MATERIALS IN
WALLS; IT IS PROPOSED
TO BUILD A MECHANICAL
ROOM FRONT OF HOUSE

ELECTRIC PANEL
TO BE REPLACED

TEST MATERIALS
IN EXTERIOR
PROPOSED TO
BUILD A MECHANICAL
ROOM AT SIDE
OF HOUSE

RESIDENT HERE
TEST FOR
SUSPECT
MATERIALS. MAY
BE REQUIRED AS
PART OF
PROJECT WORK



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MCA
MURKIN CONSULTING & ASSOCIATES
CONSTRUCTION CONSULTANTS & ENGINEERS

1081 Connecticut Avenue, Suite A-2
Rockville, CT 06007
Tel: (860) 436-8226
www.murkinconsult.com

PROJECT 1278
1 BURWELL STREET
NORWALK, CONNECTICUT 06854

**PROGRESS PRINT
NOT FOR CONSTRUCTION**

NO.	DATE	REVISIONS	APPROVED: BCC	SCALE: AS NOTED	DATE	BY	CHK	APPV

BASEMENT
FLOORPLAN

JOB NO.
33-292-1278

DRAWING NUMBER
33-292-078
DESCRIPTION
BASEMENT PLAN

SHEET
A-20

**1 Burwell Street, Norwalk, Connecticut
December 11, 2015**

Reading	Rm #	Room	Side	Component	Condition	Substrate	mg/cm2	Decision
1	999	Calibration					1.1	Okay
2	1	Front Porch Entry	4	Door Casing	Defective	Wood	0.3	Negative
3	1	Front Porch Entry	4	Wall	Intact	Wood	0	Negative
4	1	Front Porch Entry	4	Window Sill	Defective	Wood	1.5	Positive
5	1	Front Porch Entry	4	Window Trim	Intact	Wood	-0.1	Negative
				*vinyl sash				
6	1	Front Porch Entry	4	Ceiling	Intact	Wood	6.1	Positive
7	1	Front Porch Entry	4	Window Sill	Defective	Wood	5.6	Positive
8	1	Front Porch Entry	3	Door	Intact	Metal	0	Negative
9	1	Front Porch Entry	3	Door Jamb	Intact	Wood	-0.3	Negative
10	2	Living Room	4	Post/ column	Intact	Wood	5.3	Positive
11	2	Living Room	4	Ceiling	Intact	Dry wall	0	Negative
12	2	Living Room	4	Window Trim	Intact	Dry wall	4.6	Positive
				*vinyl sash, no sill				
				* panel walls				
				* no baseboards				
13	3	Stairs	1	Door	Intact	Metal	-0.1	Negative
14	3	Stairs	1	Door Casing	Intact	Wood	0	Negative
15	3	Stairs	1	Wall	Intact	Dry wall	-0.2	Negative
16	3	Stairs	1	Ceiling	Intact	Dry wall	-0.2	Negative
17	3	Stairs	3	Door Casing	Defective	Wood	1.4	Positive
18	3	Stairs	3	Door Jamb	Defective	Wood	1.8	Positive
19	3	Stairs	4	Window Trim	Intact	Wood	-0.1	Negative
20	3	Stairs	4	Ceiling	Intact	Dry wall	-0.3	Negative
				*carpet on treads and risers				
21	4	Dining Rm	1	Door Casing	Intact	Wood	0.7	Negative
22	4	Dining Rm	1	Mantle	Intact	Brick	4.3	Positive
23	4	Dining Rm	4	Chair Rail	Intact	Wood	4.3	Positive
24	4	Dining Rm	1	Ceiling	Intact	Dry wall	8.6	Positive
25	4	Dining Rm	1	Door to bsmnt	Intact	Wood	-0.4	Negative
26	4	Dining Rm	1	Clo Dr Csng	Defective	Wood	2.5	Positive
27	4	Dining Rm	4	Window Trim	Defective	Wood	1.9	Positive
				*vinyl sash				
				* no sills				
28	4	Dining Rm	3	Door Casing	Intact	Wood	2.8	Positive
29	4	Dining Rm	2	Door Casing	Intact	Wood	-0.1	Negative
				* rubber basebd				
30	5	Rear Porch	1	Door	Intact	Wood	-0.1	Negative
31	5	Rear Porch	1	Door Jamb	Defective	Wood	9	Positive

**1 Burwell Street, Norwalk, Connecticut
December 11, 2015**

32	5	Rear Porch	1	Door Casing	Defective	Wood	9.9	Positive
33	5	Rear Porch	1	Wall	Intact	Dry wall	-0.2	Negative
34	5	Rear Porch	4	Wall	Intact	Dry wall	-0.4	Negative
35	5	Rear Porch	3	Wall	Intact	Dry wall	-0.1	Negative
36	5	Rear Porch	2	Wall	Intact	Dry wall	-0.2	Negative
37	5	Rear Porch	3	Door	Defective	Wood	-0.1	Negative
38	5	Rear Porch	3	Door Casing	Defective	Wood	-0.3	Negative
39	5	Rear Porch	3	Window Trim	Intact	Wood	-0.2	Negative
				*vinyl sash				
40	5	Rear Porch	3	Ceiling	Intact	Dry wall	-0.2	Negative
				* no baseboard				
41	6	Kitchen	4	Door Casing	Intact	Wood	-0.1	Negative
42	6	Kitchen	3	Wall	Intact	Dry wall	0	Negative
43	6	Kitchen	3	Door	Intact	Wood	-0.5	Negative
44	6	Kitchen	3	Door Jamb	Intact	Wood	-0.1	Negative
45	6	Kitchen	3	Door Casing	Intact	Wood	0.1	Negative
46	6	Kitchen	3	Baseboard	Intact	Wood	0	Negative
47	6	Kitchen	3	Ceiling	Intact	Dry wall	-0.1	Negative
48	6	Kitchen	2	Window Trim	Intact	Wood	0	Negative
				*vinyl sash				
49	6	Kitchen	2	Cabinet	Intact	Wood	-0.2	Negative
				*vinyl walls				
50	7	1st Fl Bath	1	Door	Intact	Wood	-0.3	Negative
51	7	1st Fl Bath	1	Door Casing	Defective	Wood	0	Negative
52	7	1st Fl Bath	1	Wall	intact	Dry wall	-0.3	Negative
53	7	1st Fl Bath	2	Wall	intact	Dry wall	-0.1	Negative
54	7	1st Fl Bath	3	Wall	intact	Dry wall	-0.1	Negative
55	7	1st Fl Bath	3	Ceiling	intact	Dry wall	-0.4	Negative
56	7	1st Fl Bath	3	Window Trim	intact	Wood	-0.3	Negative
				*vinyl sash				
				*lower wall is vinyl				
				*no baseboard				
57	8	2nd Fl Bath	4	Door	intact	Wood	-0.1	Negative
58	8	2nd Fl Bath	4	Door Jamb	Defective	Wood	1.8	Positive
59	8	2nd Fl Bath	4	Door Casing	Defective	Wood	2.6	Positive
60	8	2nd Fl Bath	1	Wall	Intact	Dry wall	-0.2	Negative
61	8	2nd Fl Bath	1	Chair Rail	Intact	Wood	3.3	Positive
62	8	2nd Fl Bath	3	Wall	Intact	Dry wall	-0.1	Negative
63	8	2nd Fl Bath	3	Chair Rail	Intact	Wood	4.1	Positive
64	8	2nd Fl Bath	4	Wall	Intact	Dry wall	-0.2	Negative
65	8	2nd Fl Bath	4	Chair Rail	Intact	Wood	4	Positive
66	9	Rear Left BR	1	Door	Intact	Wood	-0.1	Negative
67	9	Rear Left BR	1	Door Jamb	Intact	Wood	3.3	Positive

1 Burwell Street, Norwalk, Connecticut

December 11, 2015

68	9	Rear Left BR	1	Door Casing	Intact	Wood	-0.3	Negative
69	9	Rear Left BR	1	Wall	Intact	Dry wall	-0.3	Negative
70	9	Rear Left BR	2	Wall	Intact	Dry wall	-0.2	Negative
71	9	Rear Left BR	3	Wall	Intact	Dry wall	-0.2	Negative
72	9	Rear Left BR	4	Wall	Intact	Dry wall	-0.5	Negative
73	9	Rear Left BR	4	Ceiling	Intact	Dry wall	-0.3	Negative
74	9	Rear Left BR	4	Window Trim	Intact	Wood	-0.2	Negative
				*vinyl sash				
75	10	Rear Right BR	1	Wall	Intact	Dry wall	-0.5	Negative
76	10	Rear Right BR	2	Wall	Intact	Dry wall	-0.3	Negative
77	10	Rear Right BR	3	Wall	Intact	Dry wall	-0.1	Negative
78	10	Rear Right BR	4	Wall	Intact	Dry wall	-0.1	Negative
79	10	Rear Right BR	4	Window Trim	Intact	Wood	-0.1	Negative
				*vinyl sash				
80	10	Rear Right BR	4	Ceiling	Intact	Dry wall	-0.4	Negative
81	11	Front Bedroom	3	Door	Intact	Wood	-0.2	Negative
82	11	Front Bedroom	3	Door Jamb	Intact	Wood	4.8	Positive
83	11	Front Bedroom	3	Door Casing	Intact	Wood	1.7	Positive
84	11	Front Bedroom	3	Ceiling	Intact	Dry wall	0	Negative
85	11	Front Bedroom	3	Window Trim	Intact	Wood	1.9	Positive
86	11	Front Bedroom	3	Window Trim	Intact	Wood	2.5	Positive
				*vinyl sash				
87	12	Attic	4	Wall	Intact	Dry wall	-0.4	Negative
88	12	Attic	2	Wall	Intact	Dry wall	0	Negative
89	12	Attic	2	Newel Post	Intact	Wood	-0.4	Negative
90	12	Attic	2	Stair Stringer	Intact	Wood	-0.3	Negative
91	12	Attic	2	Chimney	Intact	Brick	0.5	Negative
92	13	Basement	4	Wall	Intact	Dry wall	-0.3	Negative
93	13	Basement	4	Wall	Intact	Wood	-0.1	Negative
94	13	Basement	3	Stair Tread	Intact	Wood	-0.3	Negative
95	13	Basement	3	Stair Riser	Intact	Wood	-0.2	Negative
96	14	Exterior	4	Railing	Intact	Wood	-0.1	Negative
97	14	Exterior	4	Baluster	Intact	Wood	-0.1	Negative
98	14	Exterior	4	Stair Tread	Defective	Cement	-0.1	Negative
99	14	Exterior	4	Wall steps	Defective	Cement	-0.2	Negative
100	14	Exterior	4	Wall steps	Defective	Cement	-0.4	Negative
101	14	Exterior	4	Window reveal	Defective	Wood	9.9	Positive
102	14	Exterior	4	Basemnt wnd	Intact	Wood	3.5	Positive
103	14	Exterior	3	Door from Rm #5	Defective	Wood	3.6	Positive
104	14	Exterior	3	Door Jamb	Defective	Wood	9.9	Positive
105	14	Exterior	3	Threshold	Defective	Wood	9.9	Positive
106	14	Exterior	3	Overhang	Defective	Wood	6.5	Positive

1 Burwell Street, Norwalk, Connecticut

December 11, 2015

107	14	Exterior	3	Foundation	Defective	Cement	0.2	Negative
108	14	Exterior	2	Foundation	Defective	Cement	-0.1	Negative
109	14	Exterior	1	Window Reveal	Defective	Wood	2.8	Positive
110	14	Exterior	1	Foundation	Defective	Cement	0	Negative
111	999	Calibration					0.9	okay



Rear Door, door jamb, threshold



Rear Door Jamb



Rear Soffitt

MANAGEMENT PLAN
FOR
INTACT LEAD-BASED PAINT CONTAINING SURFACES

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

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

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

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

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

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

Lead Warning Statement

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

Lessor's Disclosure

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

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

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

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

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

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

Lessee's Acknowledgment (initial)

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

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

Agent's Acknowledgment (initial)

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

Certification of Accuracy

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

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



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-Based Paint Abatement Plan for 1 Burwell
Street

LEAD-BASED PAINT ABATEMENT PLAN
1 BURWELL STREET
NORWALK, CONNECTICUT
December 11, 2015

PART 1 - GENERAL

1.1 RELATED DOCUMENTS

- A. Drawings and General Provisions of Contract, including General Supplementary Conditions of the Contract Documents apply to this Section.

1.2 PROJECT DESCRIPTION

- A. The Connecticut Department of Housing through the CDBG-DR Owner Occupied Rehabilitation and Rebuilding Program is undertaking a lead-based paint abatement project located at 1 Burwell Street, Norwalk. The site consists of a two story, single family residential home constructed about 1880.
- B. The interior and exterior of the dwelling have been comprehensively tested for lead-based paint. Toxic levels of lead-based paint were identified on various components and surfaces. There are no known lead-based paint orders or notices of violation on the inspected building. There were no children under the age of six (6) years old residing in the building at the time of the inspection.
- C. Under federal regulation 24 CFR 35, Subpart J, Rehabilitation, this property is required to be abated of lead hazards due to the level of funding provided. Lead-based paint abatement will be utilized throughout the interior and interim controls will be utilized on the exteriors. All interior work specified in the Scope of Work must be performed by a State of Connecticut licensed Lead Abatement Contractor and all exterior work may be performed by a licensed US EPA RRP Firm. Window replacement is defined as abatement and must be performed by the State of Connecticut licensed Abatement Contractor.
- D. All lead-based paint abatement and interim control work shall be conducted in compliance with all Federal, State and local regulations. Specifically, work shall conform with The Department of Housing and Urban Development (HUD) Guidelines For the Control and Evaluation of Lead Based Paint in Housing, The United States Environmental Protection Agency (US EPA), The State of Connecticut Department of Public Health (DPH) Lead Poisoning Prevention and Control Regulations, The State of Connecticut Department of Energy and Environmental Protection (DEEP) Hazardous Waste Disposal regulations and the Department of Labor Occupational Safety and Health Administration (OSHA) Lead in Construction Final Rule 29 CFR 1926.62.

1.3 SCOPE OF WORK

Key: PS- Paint Stabilization
 BAR- Barriers
 RESACC- Restricted Access
 REM- Paint Removal
 REP- Replace with new
 LENCAP- Liquid Encapsulate
 RENCAP- Rigid Encapsulate
 DCU- Dust Clean-up

Room Name	Component	Abatement Method	Comments
#1- Front Porch Entry	Window Sills	LENCAP	Maybe removed for mechanical room
#3- Stairway/Hall	Door Jamb, door casing wall 3	REM	Post abatement to include XRF testing for complete paint removal along friction surfaces.
#4- Dining Room	Basement Door Casing –wall 1	REM	Post abatement to include XRF testing for complete paint removal along friction surfaces.
#3- Dining Room	Window Trim- wall 4	LENCAP	
#5- Rear Porch	Door Jamb, Door Casing- wall 1	REM	Post abatement to include XRF testing for complete paint removal along friction surfaces.
#8- 2 nd Fl Bath	Door Jamb and door casing- side 4	REM	Post abatement to include XRF testing for complete paint removal along friction surfaces.
#14- Exterior	Window Reveal-side 4 x 4, side 3 x 1, side 1 x 3	LEN	
#14- Exterior	Door from rear porch	LEN	
#14- Exterior	Door Jamb from rear Porch	REM	
#14- Exterior	Threshold from rear porch	LEN	
#14- Exterior	Overhang-side 3	LENCAP	
#14- Exterior	Exposed soffit –side 3	RENCAP	Assume positive, use aluminum coil stock
DCU			To meet CGS reoccupancy criteria in all areas where work was performed

1.4 SITE EXAMINATION

- A. The Lead Abatement Contractor shall visit the site and examine all structures located thereon. The specifications shall be compared with the existing field conditions. The Lead Abatement Contractor will examine all parts of the existing structure to which new work will be connected, attached or applied, and notify Martinez Couch and Associates (MCA) of any conditions detrimental to the proper and timely completion of the work.
- B. The Lead Abatement Contractor shall, as a part of their bid, notify MCA of any discrepancies, errors, or omissions that might have been discovered in the specifications for the purpose of making such corrections or adjustments as may be necessary. Unless specifically noted otherwise in the bid, any additional work by other trades or by the contractor that is required in order for the Lead Abatement Contractor to finish the job will be assumed to be included in the bid price. If it should appear that any work called for in the specifications is not in accordance with State, local or federal laws or ordinances, the Lead Abatement Contractor shall immediately notify MCA.

1.5 LEAD PLANNER/PROJECT DESIGNER INFORMATION

- A. Name of Planner/Project Designer: Maureen Monaco
Certificate # 2152
Consultant Contractor #270
Address: 287 Main Street
City: Ansonia State: Connecticut Zip: 06401
Telephone Number: (800) 959-2985

1.6 INSPECTION REPORT INFORMATION

- A. Inspector Name: Maureen Monaco
Title: Lead Inspector/Risk Assessor
Certificate Number: 001172
Firm Name: Gilbertco LLC
Consultant Contractor #270
Telephone Number: (800) 959-2985

1.7 OWNER INFORMATION

- A. Name: James and Debra McLean
- B. Address: 1 Burwell Street
City: Norwalk State: Connecticut
Home Telephone: n/a

1.8 CONTRACTOR INFORMATION

- A. Company Name: State of Connecticut Licensed Lead Abatement Contractor to be retained following acceptance of plan. Will go out to bid
Contractor License Number: Not applicable at this time
Contact Person: Not applicable at this time
Address: Not applicable at this time
City: *N/A* State: *N/A* Zip: *N/A*
Telephone Number: *N/A*

1.9 APPLICABLE CODES

- A. The Contractor shall be solely responsible for conducting this project and supervising all work in a manner which will be in conformance with all federal, state and local regulations and guidelines pertaining to lead paint abatement. Specifically, the Contractor shall comply with the requirements of the following:
 - 1. Occupational Safety and Health Administration: OSHA
 - a. 29 CFR 1910 General Industry Standards
 - b. 29 CFR 1910.1025 Lead Standard for General Inventory
 - c. 29 CFR 1910.134 Respiratory Protection
 - d. 29 CFR 1910.1200 Hazard Communication
 - e. 29 CFR 1910.245 Specifications for Accident Prevention (Sign and Tags)
 - f. 29 CFR 1926.62 Construction Industry Standard
 - 2. State of Connecticut Department of Energy and Environmental Protection: DEEP
 - a. Connecticut DEEP Regulations (Section 22a-209-8(I) and Section 22a-220 of the Connecticut General Statutes)
 - 3. State of Connecticut Department of Public Health: DPH
 - a. 19a-111 Lead Poisoning Prevention and Control Regulations.
 - 4. US-EPA
 - a. 40 CFR 745.100 - .119 Final Rule
 - b. 40 CFR Part 261 United States Environmental Protection Agency
 - 5. Department of Housing and Urban Development: HUD

- a. Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing, dated June 1995.
- b. 24 CFR Part 35 Lead-Based Paint Poisoning in Certain Residential Structures.

1.10 FEES, PERMITS AND LICENSES

- A. The Lead Abatement Contractor shall comply with the provisions of all permits or applications required by the work specified, as well as make all submittals required under those auspices.

1.11 SEQUENCING AND SCHEDULING

- A. The Lead Abatement Contractor shall extend full cooperation to Owner in all matters involving the use of Owner's facilities. At no time shall the Lead Abatement Contractor cause or allow to be caused conditions which may cause risk or hazard to the general public or conditions that might impair safe use of the facility. The Lead Abatement Contractor shall provide electricity, water and potable sanitary facilities for this project.
- B. The Lead Abatement Contractor shall submit a time-line schedule, not date specific, to Owner and Consultant for integration into the overall project schedule. Coordinate the work of this section with the needs of the Owner. Phasing and scheduling of this project will be at the discretion of the Owner and shall not proceed in any area without the express consent of the Owner. The Lead Abatement Contractor shall be available within 24 hours notice for additional work or rework, if after acceptance of the work, it is found that full abatement was not achieved from the initial work effort as determined by the Owner.
- C. The proposed time line for the work in this Section, as noted above, shall show the time involved from start to finish of abatement operations, including preparation, removal, clean-up, and tear-down portions of the job.
- D. A final written schedule shall be prepared for approval by the Owner and the Consultant.
- E. The Contractor shall complete all work in a unit prior to proceeding to the next unit.

1.12 BUILDING OCCUPANCY

- A. The homeowner need not be relocated at the time of the lead-based paint abatement work.

1.13 NOTIFICATION TO CONNECTICUT COMMISSION ON CULTURE & TOURISM

- A. Notification to the Connecticut State preservation Office has been made by MCA and the results are pending.

1.14 NOTIFICATIONS

- A. The Lead Abatement Contractor shall notify the Owner and Martinez Couch and Associates a minimum of five (5) days prior to work at the site.
- B. The Lead Abatement Contractor shall make notifications to the local Police Department and Fire Department regarding the project if deemed necessary.
- C. The Lead Abatement Contractor shall notify the Local Health Department a minimum of five days prior to the commencement of abatement activities. The notification shall be made in writing and copies shall be sent to the Owner and Martinez Couch and Associates.
- D. The Owner shall notify the tenants a minimum of five (5) days prior to abatement work.
- E. The Owner shall provide a notice to occupants no more than fifteen (15) calendar days after the hazard reduction activities have been completed. Notice of hazard reduction shall include, but not be limited to:
 - 1. A summary of the nature, scope and results (including clearance results) of hazard reduction activities.
 - 2. A contact name, address and telephone for more information.
 - 3. Available information on the location of any remaining lead-based paint in the rooms, spaces or areas where hazard reduction activities were conducted on a surface by surface basis.
- F. The notices of abatement activities shall be of size and type that is easily read by the occupants in a format accessible to persons with disabilities (i.e. Braille)
- G. Each notice shall be provided in the occupants' primary language or in the language of the occupants' contract or lease.
- H. The Owner shall provide each notice to the occupants by:
 - I. Posting and maintaining it in centrally located common areas and distributing it to any dwelling unit if necessary because the head of household is a person with a known disability.
 - 2. Distributing it to each occupied dwelling unit affected by hazard reduction activities or serviced by common areas in which hazard reduction has taken place.
- I. The Contractor shall have all adult occupant sign the Pre-Renovation Disclosure Form. A signed copy of the disclosure form shall be submitted to Martinez Couch and Associates and their consultant with written notice of the start date.

1.15 EPA RENOVATE, REPAIR AND PAINTING RULE

- A. The Contractor must apply, pay the fee and become an EPA Certified RRP firm.
- B. The Contractor must ensure that that all renovators working in target housing, common areas or exteriors are EPA certified renovators or trained by a certified EPA renovator. Renovators can become certified by successfully attending all Eight (8) hour RRP EPA accredited training course.

- C. The Contractor must provide all tenants with a copy of EPA's Renovate Right: Important Lead Hazard Information for Families, Child Care Providers and Schools pamphlet no earlier than 60 days prior to the date renovation activities are to be performed.
- D. The Contractor shall have an adult occupant sign the Pre-Renovation Disclosure Form.
- E. The Contractor must assume that all painted surfaces contain toxic levels of lead-based paint unless inspected by a licensed lead inspector/risk assessor or tested with an EPA approved lead testing kit and proven otherwise. Surfaces requiring Lead Abatement as described in Section 1.3 of this plan are known surfaces painted with lead-based paint. In addition some surfaces may contain intact lead-based paint and therefore are not addressed in this Lead-Based Paint Abatement Plan.
- F. The Contractor is required to ensure renovators minimize lead paint/dust exposure by performing activities in a lead safe manner, see Sections 4.1, 4.2 and 4.4 in this document, including posting of lead warning signs in plain view of the occupants.
- G. The Contractor shall ensure all sub-contractors performing renovation activities on known or assumed lead-based paint above the EPA de minimus level are EPA RRP certified firms and employees are EPA certified renovators or trained by a certified EPA RRP renovator. The Contractor shall document the firm's and renovator's certification numbers.
- H. The Contractor shall provide MCA and the consultant with documentation to include:
 - 1. The Contractor's EPA RRP Firm Certification Number.
 - 2. The Contractor's EPA RRP Renovator's Certification Number.
 - 3. Documentation that all other non-certified employees have been trained on RRP practices by an EPA Certified Renovator.
- I. The Contractor is required to keep all documents for a minimum of three (3) years.

1.16 INSURANCE

- A. The contractors shall carry per the contract general conditions, specified elsewhere, all insurance including but not limited to the following:
 - 1. Workman's Compensation
 - 2. Lead Abatement Liability Insurance
 - 3. Manufacturer's and Contractor's Liability Insurance

1.17 CONTRACT ASSIGNMENT

- A. The contractor shall not assign this contract without written consent Martinez Couch and Associates. A request for written consent shall be approved by MCA and the building owner.

PART 2 - PRODUCTS

2.1 MATERIALS

- A. Deliver all materials in the original packages, containers, or bundles bearing the name of the manufacturer and the brand name and product technical description.
- B. Damaged or deteriorating materials shall not be used and shall be removed from the premises.
- C. Polyethylene sheet in a roll size to minimize the frequency of joints shall be delivered to job site with factory label indicating 6 mil.
- D. Polyethylene disposable bags shall be six (6) mil. Tie wraps for bags shall be plastic, five (5) inches long (minimum), pointed and looped to secure filled plastic bags.
- E. Tape or adhesive spray will be capable of sealing joints in adjacent polyethylene sheets and for attachment of polyethylene sheet to finished or unfinished surfaces of dissimilar materials and capable of adhering under both dry and wet conditions.
- F. Impermeable containers are to be used to receive and retain any lead containing or contaminated materials until disposal at an acceptable disposal site. (The containers shall be labeled in accordance with EPA and DOT standards.)
- G. HEPA filtered exhaust systems shall be used during any dust generating Deleading operations.
- H. For manual scraping activities, Contractor shall supply each worker with multiple newly sharpened scrapers on a daily basis.
- I. Sanders, grinders, wire brushes and needle gun removal equipment shall be equipped with a HEPA filtered vacuum dust pick-up system.
- J. Other materials such as lumber, nails and hardware necessary to construct and dismantle the decontamination enclosures and the barriers that isolate the work area shall be provided as appropriate for the work.
- K. Machine Sanding Equipment - Sanders shall be of the dual action, rotary action, orbital or straight line system type, fitted with a high efficiency particulate air (HEPA) dust collection system.
- L. Air compressors utilized to operate this equipment shall be designed to continuously provide 90 to 100 psi or as recommended by the manufacturer.
- M. Heat Blower Gun Equipment: Any electric operated heat-blower gun used shall be a flameless electrical-paint-softener type. Heat-blower shall have electronically controlled temperature settings to allow usage below a temperature of 700 degrees Fahrenheit.
- N. Liquid encapsulants used on this project shall be an approved encapsulant by the State of Connecticut Department of Public Health.
 - 1. Paints and primers shall contain less than 0.06% lead in wet film.

2.2 REPLACEMENT AND COVERING MATERIALS

- A. Unless stated otherwise, all replacement materials/products, shall meet the minimum code requirements for such applications.
- B. Unless stated otherwise, replacement windows, doors and other materials and products shall be of equal or better quality of those specified in this Lead-Based Paint Abatement Plan.
- C. Exterior Entrance Doors
 - 1. Unless otherwise noted, new exterior doors must be 1 3/4' thick 24 gauge thermally broken galvanized and bored steel insulated core doors, with an adjustable sill, magnetic weather stripping, and 1 pair 3 1/2, x 3 1/2, loose pin butt hinges, use Thenno-Tru Steel Foam Core Insulated Exterior Doors or approved equal.
 - 2. Install single cylinder deadbolt plus passage set as manufactured by Schlage or equivalent. Provide owner with 2 keys for each lock.
 - 3. Door shall be accurately cut and fitted to frames and must operate freely without binding. Insulate between door jambs and rough opening with spun fiberglass prior to trimming the interior of the door.
- D. Storm Doors
 - 1. Existing storm/screen doors are to be re-hung or replaced with similar units. If re-hung, they must be fully operational.
- E. Interior Doors
 - 1. Unless otherwise noted, install 1 3/8" hollow core luan door manufactured by Brosco or equivalent.
 - 2. If a hollow core door doesn't meet building and/or CT Fire Safety Code, install a door to meet code.
 - 3. Shim doors plumb, level and square. New doors shall be installed in pine jambs with 1 pair of 3" loose pin butt hinges. Fasten doors to rough framing through shims with 10-penny finish nails. Trim out both sides of new doors with finger jointed casings to match existing. Glue miters before fastening trim to jamb and wall. Fasten trim to walls with 6-penny finish nails and to jambs with 4-penny nails. Set heads of nails below surface of wood and fill with putty. Install passage set as manufactured by Schlage, Kwikset, Barlock or approved equal.
- F. Wood Replacement Windows - Historic
 - 1. Furnish and install new wooden sashes with full screens. Contractor must measure the bevel of the sill if it is different from 14 degrees. The bevel must be custom specified to manufacturer. Sashes shall have insulated double-glazing with non-corroding fiberglass screens in aluminum frames. Windows must have tilt in sashes, Low E glazing, and must comply with Emergency Escape requirement of the building code for all bedrooms. Grid pattern must match prior windows being replaced.

2. Windows shall be manufactured by Harvey, Weathershield, Marvin or equivalent. Submit for approval prior to ordering. Windows shall be installed in accordance with the manufacturer's recommendations.
3. Frames and sash shall be properly adjusted for tight closure and easy operation. Frames shall be thoroughly sealed at the interfaces with the walls prior to completion of finish work. Screw in and caulk edges to seal. Install jamb liners. Cut aluminum coil stock or vinyl to fit the window well.

G. Vinyl Replacement Windows

1. Furnish and install new rigid vinyl replacement windows with 5/8" Low E double-pane insulating glass and non-corroding half-height lockable fiberglass screens in aluminum frames. Windows must have tilt in sashes, welded frames, cam and sash locks, and must comply with Emergency Escape requirement of the building code for all bedrooms.
2. Windows shall be manufactured by Harvey (Classic Series), Viking, Mercury-Excellum, NorthEast (DH 100) or equivalent. Windows shall be installed in accordance with the manufacturer's recommendations.
3. Frames and sash shall be properly adjusted for tight closure and easy operation. Frames shall be thoroughly sealed at the interfaces with the walls (inside & out) prior to completion of finish work.

H. Basement Vinyl Replacement Windows

1. Remove and discard as lead waste any leaded basement windows.
2. Furnish and install new vinyl replacement basement windows manufactured by Harvey, Viking, Mercury-Excellum or equivalent. Windows shall be installed in accordance with the manufacturer's recommendations.

I. Vinyl Siding

1. Siding shall be of first quality manufactured by Vipco, CeItainteed, or equivalent. Color by Owner. Provide 50-year warranty. Apply Amocor XP38 fanfold insulation board or equivalent, following the manufacturer's instructions to enclose lead paint.
2. Replace lead-based paint containing components of attic vents or combination gable and soffit vents to meet ventilation requirements for roof and attic areas.
3. Install vinyl siding and aluminum or vinyl wrapped trim following manufacturer specifications.

J. Exterior Porch Flooring

1. Tongue & Groove flooring, if specified or requested as an Alternate, is to be 5/4" Fir. When Plywood is specified, materials to be Exterior Grade Plywood.
2. Include edge moldings to cover any exposed leaded materials. Caulk all seams. Prime & paint using sand or other non-slip additive.

K. Interior Porch Flooring

1. When specified, material to be ¼"luan.
2. Include edge moldings to cover any exposed leaded materials. Caulk all seams.

L. Radiator Covers

1. Radiators must be restored to a sound substrate using high heat paint before the cover is installed.
2. Radiator covers must be removable (for example by unscrewing a bracket) in case repairs are necessary. The cover must be a professionally manufactured radiator cover or be made using metal grille mounted in a pine frame. Note that heat must be able to rise through the top as well. Plywood is not acceptable for use in radiator covers.

M. Sheetrock and wood enclosure materials shall meet current code requirements for such products and specified applications.

N. Overhead Garage Doors

1. Furnish and install new overhead garage doors (number required to replace those removed) and any and all tracks, rails, springs, hardware, etc. to make operational. Hardware should include an outside handle and keyed lock for each door installed. The doors must be three-layer pressure bonded construction (steel + insulation + steel) construction. Standard Colors – Owner to choose any standard color available from Manufacturer. Warranty must be a minimum of 20 years from Manufacturer.
2. Manufacturer to be Clopay or equal and meet Clopay's Premium Series specifications or equal. No automatic openers are to be included. If, however, the existing Overhead door units being replaced have automatic openers, contractor to reuse and make operable or replace with new unit(s).
3. Submittal of Manufacturers catalog cuts with all pertinent information, including warranty information, to be submitted to MCA and the Owner for approval prior to placing order.

PART 3 -EXECUTION

3.1 WORKER HYGIENE PRACTICES

- A. Workers shall don protective gear prior to entering work area including respirators, disposable coveralls, and footwear. No street clothes shall be permitted to be worn under protective clothing. The Lead Abatement Contractor shall provide a clean area for workers to store street clothes and personal belongings.
- B. Eye protection, head protection, and ear protection shall be provided to each worker.
- C. While leaving respirators on, workers shall remove all gross contamination, debris, and dust from disposable coveralls and remove coveralls and footwear and place in hazardous waste disposal bag prior to leaving work area.

- D. The Lead Abatement Contractor shall establish a wash station in close proximity to the work area where workers shall decontaminate their person. The wash station shall be supplied with warm water and soap and ample supply of drying towels. Wash water shall be tested for proper disposal.
- E. All equipment used by workers inside the work area shall be wet wiped or bagged for later decontamination before removal from work area.
- F. The Lead Abatement Contractor is responsible for using safe procedures to avoid electrical hazards. All temporary electrical wiring will be protected by GFI's.

3.2 ABATEMENT AREA PREPARATION

A. Interior

1. The tenants are responsible for packing all personal items for removal out of proposed abatement area(s). The Lead Abatement Contractor shall move the personal belongings to an easily accessible area to maintain tenant access to their belongings.
2. The Lead Abatement Contractor shall conduct pre-cleaning activities including HEPA vacuuming floors and horizontal surfaces in the proposed work area.
3. The Lead Abatement Contractor shall remove all moveable objects from the proposed work area.
4. The Lead Abatement Contractor shall cover all non-moveable objects with a single layer of six-mil polyethylene sheeting.
5. The Lead Abatement Contractor shall cover the floors with two layers of six-mil polyethylene sheeting.
6. The Lead Abatement Contractor shall cover ducts, diffusers, exhausts, windows, door openings or other penetrations with a single layer of six-mil polyethylene sheeting.
7. The Lead Abatement Contractor shall post lead warning signs at all ingresses to the work area.
8. The Lead Abatement Contractor shall establish a worker decontamination facility adjacent to the work area(s). The decontamination facility shall be equipped with warm running water, soap, and drying towels.
9. The Lead Abatement Contractor may elect to construct mini enclosures around the interiors of the windows or components scheduled for abatement. If mini enclosures are not constructed, the entire room shall be treated as the work area and must be cleaned in accordance with this Specification.
10. Install six-mil critical barriers over the interior of window openings if window will be removed from the exterior of the building.

B. Exterior

1. Cover all shrubbery, plantings, stoops, etc. with opaque tarps, which will prevent damage or burning from the sun.
2. Regulate the exterior work area with lead-warning tape. The lead warning tape shall extend around the perimeter of the work area creating a minimum of a ten-foot buffer zone between abatement operations and the warning tape.
3. Post lead-abatement warning signs at conspicuous areas around the perimeter of the abatement area. Unauthorized personnel shall be prohibited from entering the abatement area.
4. Utilize 6-mil polyethylene sheeting on the ground and/or porch floors. The sheeting shall extend a minimum of ten feet from the foundation of the building. The sheeting shall be secured to the foundation utilizing duct tape.
5. The edges of the sheeting shall be weighted to avoid blowing or lifting.

3.3 LEAD ABATEMENT PROCEDURES

A. Window Removal and Replacement Procedures

1. The Contractor shall conduct work area abatement preparation as specified in Sections 3.1 and 3.2 prior to conducting abatement activities.
2. The Contractor shall HEPA vacuum any loose or flaking paint from the component prior to removing the component.
3. The Contractor shall manually remove the window sashes in the following sequence:
 - a. Remove exterior window screens/storms where necessary and recycle
 - b. Remove window stops
 - c. Remove inner sash by cutting sash cords
 - d. Remove wood parting beads
 - e. Remove outer sash by cutting sash cords
4. Stabilize all loose paint on window jambs, wells and exterior sills. HEPA vacuum window jambs, wells and exterior sills.
5. Prior to installation of new vinyl windows, the Lead Abatement Contractor shall label the components containing lead-based paint with the warning "Danger: Lead-Based Paint" in permanent ink behind the enclosure.
6. The Lead Abatement Contractor shall Remove window sash weights from cavities and insulate the entire cavity of the window jambs and header with insulation prior to or after window installation. If the Lead Abatement Contractor chooses to use a spray foam insulation, the MSDS must be provided to MCA and consultant for approval prior to use.
7. Exterior blind window stops shall about the new vinyl window. Exterior blind window stops shall be liquid encapsulated or enclosed with aluminum coil stock depending on the scope of work. Re-use interior stops. Replace at Contractors cost broken or un-useable interior stops.

8. The Lead Abatement Contractor shall immediately place components into appropriate waste container. All components containing LBP that were removed during the abatement project shall be assumed to be HAZARDOUS waste until analytical results of the TCLP test are received. The abatement contractor may collect and characterize waste stream. Metal components shall be recycled at an approved recycling facility.

B. Door Removal and Replacement Procedures

1. The Lead Abatement Contractor shall conduct work area abatement preparation as specified in Sections 3.1 and 3.2 prior to conducting abatement activities.
2. Where doors are to be replaced, remove the door from the hinges and remove the hinges from the jamb. Avoid damaging the existing jamb if it is to remain.
3. Reinstall the new door, hinges and appropriate hardware. Ensure the door is plumb and open and closes smoothly.
4. All doors shall be accurately cut and fitted to frames and must operate freely without binding.
5. For entry doors, insulated between the door jambs and rough opening with spun fiberglass prior to trimming the interior of the door.
6. Where door systems are to be replaced with pre-hung doors, remove the door, casing if necessary and avoid damage, remove the door stop and door jamb.
7. Reinstall new pre-hung system, level and plumb, the door should open and close smoothly.
8. Re-install the door casing if removed; if the door casing was damaged during removal, install the new door casing to match existing trim.

C. Enclosure Procedures

1. The Lead Abatement Contractor shall conduct work area abatement preparation as specified in Sections 3.1 and 3.2 prior to conducting abatement activities.
2. The Lead Abatement Contractor shall stabilize all loose paint on components prior to enclosure.
3. The Lead Abatement Contractor shall label the components containing lead-based paint with the warning "Danger: Lead-Based Paint" in permanent ink behind the enclosure.
4. The Lead Abatement Contractor shall utilize materials that will provide a permanent enclosure designed to be effective for twenty (20) years.
5. Aluminum coil stock enclosures shall be fastened with manufacturer recommended materials. All seams shall be caulked with compatible non-asbestos caulk.
6. Rigid enclosure materials such as paneling, sheetrock and plywood shall be mechanically fastened in conjunction with a non-asbestos compatible adhesive. All seams shall be caulked and or compounded with a compatible non-asbestos material.

D. Liquid Encapsulation Procedures

1. The Lead Abatement Contractor shall conduct work area abatement preparation as specified in Sections 3.1 and 3.2 prior to conducting abatement activities.
2. HEPA vacuum and wet scrape all loose and flaking paint from each component to be encapsulated. The surface shall be rendered intact prior to de-glossing activities.
3. Clean each component to be encapsulated. Cleaning solutions shall be compatible to the liquid encapsulant that will be applied. Ensure that encapsulants are not applied over dirt, grease, mildew, rust, oil or chalk. Measures shall be taken to remove dirt, grease, mildew, rust, oil or chalk prior to encapsulation.
4. De-gloss each surface prior to encapsulation in accordance with the manufacturer's recommended procedures for de-glossing.
5. Conduct patch tests on each type of architectural component to be encapsulated. Where feasible, the size of the patch test shall be a minimum of 15" x 15" on each component. The surface shall be rendered intact, cleaned and de-glossed prior to performing the patch test. The encapsulant shall be allowed to dry and cure as required by manufacturer specifications.
6. Cut an "X" into the center of the patch test area ensuring that the cut goes entirely through the encapsulant to the substrate. Each cut shall be a minimum of two inches long. Use the cutting tool to lift the encapsulant from the substrate at the intersection of the cutting points. If greater than 1/2, inch of encapsulant is removed, the patch test fails.
7. Failure of a patch test shall require a second patch test to be performed. The same procedures shall be followed for the second patch test.

Fill gouges, holes, gaps, or other imperfections or damage, which may result in failure of the encapsulant. The damaged areas shall be repaired with materials compatible to the encapsulant.

8. Encapsulants shall not be applied when the air temperature of the room where encapsulants are to be applied are below 40 degrees F or above 95 degrees F or the relative humidity is above 85 percent or the temperature of the target surface is above the dew point. Document temperature, relative humidity and the temperature of the target surface on a daily basis. Encapsulation procedures may not be conducted when the temperature, relative humidity or target surface temperature are not in compliance as stated in this section or with the manufacturer's specification, whichever is more stringent.
9. All encapsulants shall be applied in accordance with the manufacturer's specifications, including but not limited to temperature requirements, humidity requirements, mil thickness requirements, number of coats, application methods, surface preparation requirements, dry time, cure time, and tinting.
10. Encapsulants used for this project shall be an encapsulant, which has been approved by the State of Connecticut Department of Public Health for use in the State of Connecticut.

11. All lead-based painted components and surfaces that are liquid encapsulated shall be placed on a Lead-Based Paint Management Plan for continual surveillance.

E. Paint Stabilization Procedures

1. The Contractor shall conduct work area abatement preparation as specified in Sections 3.1 and 3.2 prior to conducting abatement activities.
2. Lightly mist the surface to be stabilized with water. Wet scrape the surface with a drag scraper or putty knife to remove the loose paint. Continuously mist during scraping. Do not dry scrape.
3. Feather paint edges as necessary to remove high spots in paint that may be subject to future peeling.
4. Remove all raised paint edges that may be present on surfaces or components.
5. Surface contaminants that prevent adhesion should be removed by cleaning with a 5% trisodium phosphate (TSP) and water solution. These contaminants generally include dirt, grease, and soap films.
6. Once all loose paint is removed, clean the surface with a 5% TSP and water solution.
7. Wet wipe the surface with clean water. Allow to dry, prime and repaint.

F. Paint Removal Procedure

1. Complete all necessary work area preparation in each area prior to commencing abatement in that area.
2. Conduct on-site paint removal utilizing one of the following approved methods or combinations thereof:
 - a. Heat gun (not to be operated over 700 degrees Fahrenheit)
 - b. Power equipment with attached HEPA dust collection device
 - c. Chemical removal agent
3. Remove all layers of paint and or primers down to a bare substrate. The contractor is responsible for reducing lead levels below the toxic level on components where paint removal is specified.
4. Gilbertco Lead Inspections LLC shall conduct on site XRF testing of abated components to determine completeness of paint removal. The component(s) shall not be considered completely abated until XRF measurements are below the toxic level as defined by State regulations.

G. Specialized Cleaning Procedures

1. Complete all necessary work area preparation in each area prior to commencing abatement in that area.
2. Follow the cleaning procedure described below for hard smooth or semi-porous surfaces:

- a. Conduct a thorough HEPA vacuuming of the surface.
 - b. Wash the floor with a string mop equipped with wringer. Use a 5% phosphate and water solution. Wring the mop into an empty bucket after each cleaning and before dipping the mop back into the cleaning solution.
 - c. Conduct a clean rinse mopping on the floor.
 - d. Conduct a second HEPA vacuuming of the surface.
3. Follow the cleaning procedure described below for area rugs:
- a. HEPA vacuum the top side of the rug for 1 minute per 10 square feet.
 - b. Fold the rug in half and HEPA vacuum the back side of the rug and the underlying floor at a rate of 1 minute per 10 square feet.
 - c. Repeat step 2 for the other half of the rug.
 - d. Unfold the rug and HEPA vacuum the top at a rate of 2 minutes per 10 square feet.
4. Follow the cleaning procedure described below for carpet:
- a. HEPA vacuum the carpet at a rate no faster than 2 minutes per 10 square feet. Vacuum in a side-to-side motion.
 - b. HEPA vacuum the carpet in the opposite direction at a rate no faster than 2 minutes per 10 square feet. Vacuum in a side-to-side motion.

H. Soil Abatement Procedures

1. Complete all necessary work area preparation in each area prior to commencing abatement in that area.
2. Where soil is to be covered, perform the following:
 - a. HEPA vacuum and or rake surface soil to remove loose paint chips.
 - b. Remove small and large debris through raking or manual pick-up.
 - c. Install rolled weed guard material where specified.
 - d. Install the following covering materials at the specified depths:
 - 1) Bark Mulch –4 inch minimum depth.
 - 2) Top Dress Top Soil –2 inch minimum depth.
 - 3) Gravel, Pea Stone, etc. –4 inch minimum depth.
3. Where soil is to be removed, perform the following:
 - a. Regulate work area around soil removal location(s).
 - b. Remove visible surface paint chips prior to soil removal.
 - c. Manually remove soil to specified depth. Lightly mist soil with water to reduce dust.
 - d. Place soil in appropriate waste container.
 - e. Apply replacement soil or materials as specified. Replacement soil must contain less than 200 mg/kg of lead.
4. Where ground cover is to be applied, perform the following:
 - a. Perform steps specified in 3.3 02 and or 3.3 03.
 - b. Where grass seed is to be planted, utilize a K31 Fescue or equivalent hearty seed.

- c. Prepare soil for planting by lightly raking and loosening soil.
- d. Apply seed at manufacturer's recommended covering rate.
- e. Cover with straw mulch and water.
- f. Install temporary caution tape around planted areas.
- g. Caution tape to be removed by Owner once grass is established.

3.4 CLEANING

A. Interior

1. The Contractor shall ensure that all tools and materials are adequately cleaned at the completion of each shift.
2. The Contractor shall remove all gross waste from the lead abatement area prior to conducting final cleaning operations. All waste shall be treated as HAZARDOUS until the analytical results from the TCLP tests are received.
3. The Contractor shall thoroughly HEPA vacuum all flat surfaces and components including polyethylene sheeting within and or adjacent to the lead abatement work area.
4. The Contractor shall remove polyethylene sheeting from floors and non-moveable objects following the initial cleaning. Polyethylene sheeting shall be folded inwards from the comers and folded upon itself.
5. The following final cleaning shall be conducted following removal of polyethylene sheeting:
 - a. HEPA vacuum floors and horizontal surfaces.
 - b. Wet clean floors and horizontal surfaces with a 5% phosphate solution
 - c. Conduct second HEPA vacuuming on floors and horizontal surfaces.
 - d. Wait twenty-four (24) hour for dust settlement period.
 - e. Repeat steps A, B, C.

3.5 FINISH WORK AND WORKMANSHIP

- A. The Lead Abatement Contractor shall be responsible for all finish work, unless specified otherwise, including but not limited to sanding, caulking, puttying, nail head filling, screw head filling, capping, cleaning, priming and painting.
- B. All newly installed surfaces and or components, including but not limited to, wood trim, wood doors, wood enclosures, wood windows, sheetrock, paneling, Juan, and all otlier materials used for work of tlis project and all components and surfaces that were stripped of lead-based paint shall be primed and painted with one coat of finish paint. Color by Owner.
- C. Workmanship shall be of the highest quality and all installations, applications, repairs, removals, etc. shall be made to fit and blend with the existing surfaces to the best extent feasible.
- D. The finish work shall be approved at the discretion of the Owner or their designated representative Owner. Re-work shall be performed at no additional cost to the Owner.

3.6 DISPOSAL OF WASTE MATERIALS

A. The Contractor shall perform the following:

1. Work with MCA to see that waste is disposed of according to local, state and federal law and regulations and at the minimum practical cost. Contractor must dispose of non-hazardous waste generated in the performance of this Contract at their cost. Contractor must provide invoices to substantiate hazardous waste disposal costs. Costs will consist of hazardous waste container fees and hazardous waste disposal fees.
2. All primary waste materials generated during lead hazard reduction, i.e. windows, doors, wood components, plaster, etc. shall be characterized for proper disposal utilizing the TCLP method. The cost associated with the TCLP sampling, analysis and report writing shall be the responsibility the Abatement Contractor. The contractor may collect and analyze his own waste stream.
3. All secondary waste materials generated during abatement, i.e. disposable clothing, polyethylene sheeting, waste water, etc., shall have confirmatory TCLP testing to determine waste characterization. This testing shall be performed and paid for by the Lead Abatement Contractor. Results shall be furnished to MCA.
4. The Lead Abatement Contractor shall comply with the requirements for small quantity generators (generates between 100kg and 1000 kg of hazardous waste in a month or accumulates no more than 1000kg of hazardous waste on-site at any one time; stores waste for no greater than 90 days).
5. The Contractor shall ensure that all hazardous waste generated is sent off-site to permitted hazardous waste treatment, storage, or disposal facilities (TSDF).
6. The Lead Abatement Contractor shall use DEEP permitted transporters for transport of hazardous waste.
7. The Lead Abatement Contractor shall apply for a temporary EPA identification number. Hazardous waste manifests must be utilized which bear this I.D. number.
8. The Lead Abatement Contractor must comply with hazardous waste containerization requirements including but not limited to maintaining the containers in good condition, keeping containers closed and locked while in storage, properly labeling and dating containers, and using containers which are DEEP approved for over the road use.
9. The Lead Abatement Contractor shall develop a written inspection schedule to inspect any containers of hazardous waste at least weekly.
10. The Lead Abatement Contractor shall furnish disposal manifests for hazardous waste signed by a treatment or disposal facility certifying the amount of lead containing materials prior to final payment.

11. The Lead Abatement Contractor must designate an emergency coordinator who will be responsible for coordinating emergency response measures. Basic emergency information must be listed in writing, and posted next to the on-site telephone. This information must include the name and number of the emergency coordinator.
12. The Lead Abatement Contractor must develop a written contingency plan for the site, which describe actions personnel will take in response to fires or other emergencies that may result in a release of hazardous waste constituents. The plan must meet certain content requirements and copies of the plan must be submitted to certain local emergency response officials.
13. The Lead Abatement Contractor must provide written notification to local fire departments and/or police regarding the location, nature, and duration of the lead-removal project, and regarding the type and quantity of hazardous waste that may be stored at the site.
14. The Lead Abatement Contractor must train their employees in hazardous waste management. They must maintain certain documentation regarding their training program, including the names, job titles, and job descriptions of the employees involved with hazardous waste management, a written description of the training that is given, and records documenting that employees have been trained. Annual updates of training must also be given.
15. The Lead Abatement Contractor may not store hazardous waste on-site for greater than 90 days without a TSDF permit.
16. Before leaving the site for the last time, the Lead Abatement Contractor must remove any remaining hazardous waste and must decontaminate any equipment, storage areas, structures, soil, etc. contaminated as a result of the removal or storage of the hazardous waste generated at the site.

B. The Contractor and Owner shall comply with the following:

1. Contractor agrees to assume responsibility of all waste. Contractor agrees to place the lead containing waste in a location designated by Owner and under conditions that do not contaminate the ground or area around the lead containing waste.
2. The Contractor shall promptly remove waste from site and dispose of in accordance with all applicable laws.
3. The Contractor shall designate a secure area, acceptable to the owner and MCA, where waste can be stored and is not subject to exposure to inclement weather, tampering or contamination of surrounding area(s).

3.7 RE-OCCUPANCY INSPECTION AND CLEARANCE SAMPLING

- A. A visual inspection by Gilbertco LLC's licensed lead inspector or lead inspector approved by MCA shall be conducted at the completion of abatement work to determine compliance with this plan. The Lead Abatement Contractor shall notify MCA a minimum of forty-eight (48) hours before the visual inspection and coordinate with the owner for property access.

- B. One dust wipe sample shall be collected from the floor, a representative window sill and representative window well in each room or area where lead abatement work was conducted.
- C. One dust wipe sample shall be collected from the floor and a representative window sill or window well in each room where interim control work was conducted.
- D. One dust wipe sample shall be collected from outside each work area.
- E. The following criteria must be met for final clearance dust wipe samples where lead – abatement work and interim control work is performed:
 - 1. Floors: $< 40\mu\text{g}/\text{ft}^2$
 - 2. Window Sills: $< 250\mu\text{g}/\text{ft}^2$
 - 3. Window Wells: $< 400\mu\text{g}/\text{ft}^2$
- F. The initial sampling costs shall be incurred by the General Contractor.. Additional sample collection and analysis costs shall be incurred by the Lead Abatement Contractor for failed sample results. In the event the general contractor is the Lead abatement Contractor all clearance testing costs shall be incurred by the General Contractor.

-END OF SECTION-



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Attachment 11 – Checklist Item 13D Documentation – Asbestos Containing Materials Removal/Disposal
Work Plan – 1 Burwell Street.



Facility Support Services, LLC

Environmental & Safety Consulting Engineers

Asbestos Containing Materials Removal Work Plan

Community Development Block Grant – Disaster Recovery
Owner Occupied Recovery and Rehabilitation Program

Applicant #1278

Cement Siding Panels (Transite®)
1 Burwell Street
Norwalk, CT

Prepared For:

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

Prepared By:

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

A handwritten signature in blue ink, appearing to read "Christopher Hudacek", written over a horizontal line.

Christopher Hudacek
Asbestos Project Designer
CT License No. 000239

January 14, 2016

**Asbestos Containing Materials
Removal Work Plan
1 Burwell Street
Norwalk, CT**

The following work plan outlines the removal of asbestos-containing non-friable siding panels (Transite®) from the exterior of the structure. The materials are located beneath non-asbestos siding materials. The exact quantity of material to be removed shall be confirmed at the time of the pre-bid walkthrough, or by the Contractor. The removal shall be conducted by a State of Connecticut licensed asbestos contractor (AC) utilizing only by properly trained individuals. A State of Connecticut licensed asbestos project monitor shall conduct a visual inspection of the area at the conclusion of the work to verify that the work has been thoroughly and successfully completed. The Project Engineer (Martinez, Couch & Associates, LLC) has designated Facility Support Services, LLC to conduct project monitoring duties. The removal of the materials in a non-friable condition that does not generate visible emissions does not require the use of a negative pressure enclosure. If at any time during the removal process the asbestos containing material becomes friable, all removal work must cease and the material must then be treated as a regulated asbestos containing material following all applicable State and Federal Regulations for asbestos abatement. All applicable sections of OSHA, EPA, and State of Connecticut Regulations shall be adhered to as part of this project including 29CFR 1926.1101. Prior to the commencement of site work; the Contractor, Project Engineer, and any other necessary personnel involved in the project shall attend the pre-removal meeting. The exact date and time of this meeting shall be determined by the Project Engineer.

ASBESTOS REMOVAL PROCEDURE – EXTERIOR SIDING PANELS

- A. The Contractor shall have a designated "Competent Person" on the job at all times to ensure proper work practices throughout project.
- B. The Contractor is responsible for following all OSHA regulations applicable to fall protection.
- C. Contractor shall supply water, and a generator for electricity, unless prior arrangements are made with the Project Engineer.
- D. GFCI devices shall be utilized for all electrical connections made as part of this project.
- E. Install one layer of 6-mil poly sheeting to the ground on each side of the building where removal is taking place as a drop cloth. Drop cloth shall extend at a minimum, at least 6 feet from the base of the building.
- F. Establish regulated area to restrict access to only those authorized personnel.
- G. A remote personal decontamination facility shall be erected onsite and as near as possible to the regulated area, and shall consist of 1 stage and constructed according to 1926.1101(j)(2).
- H. Workers shall don the proper PPE prior to beginning the removal.

- I. Remove asbestos siding panels using the following procedure:
1. Remove non-asbestos siding as necessary to expose asbestos siding beneath. Wet all fastener locations with amended water. Utilizing a pry bar or similar tool, remove nails fastening non-asbestos siding to structure. Care must be taken as not to damage asbestos siding during this process.
 2. Wet the asbestos material to be removed with amended water or detergent solution, so that entire surface is adequately wet. Do not allow puddle or run-off to other areas.
 2. Cut off nail heads affixing asbestos siding to structure. At no time shall the contractor grind, abrade, or sand the material which will create visible emissions.
 3. Lower each panel to the ground. Do not drop waste to ground. Adequately wet panels with amended water, ensuring that excess water is not used resulting in run-off. Place into containers or wrap with a minimum of 2 layers of 6-mil polyethylene sheeting for disposal.
 4. Continuously mist area where removal is being performed with amended water, removal encapsulant or detergent solution.
 5. Label all asbestos waste in accordance with OSHA 29 CFR 1926.1101(k)(8) as appropriate.
- J. Asbestos siding material must be removed without rendering the materials friable, and placed into a labeled container for disposal as asbestos waste.
- K. After completion of all asbestos containing materials removal work, the Contractor shall conduct final cleaning utilizing wet methods and HEPA vacuuming. In addition, drop cloth shall be disposed of as asbestos waste.
- L. After all removal and cleaning procedures have been completed, the project monitor will visually determine that no dust, debris, or residue is present in or around the work area.
- M. The Contractor shall provide Project Engineer (Martinez Couch & Associates, LLC) with all copies of waste manifest documents.

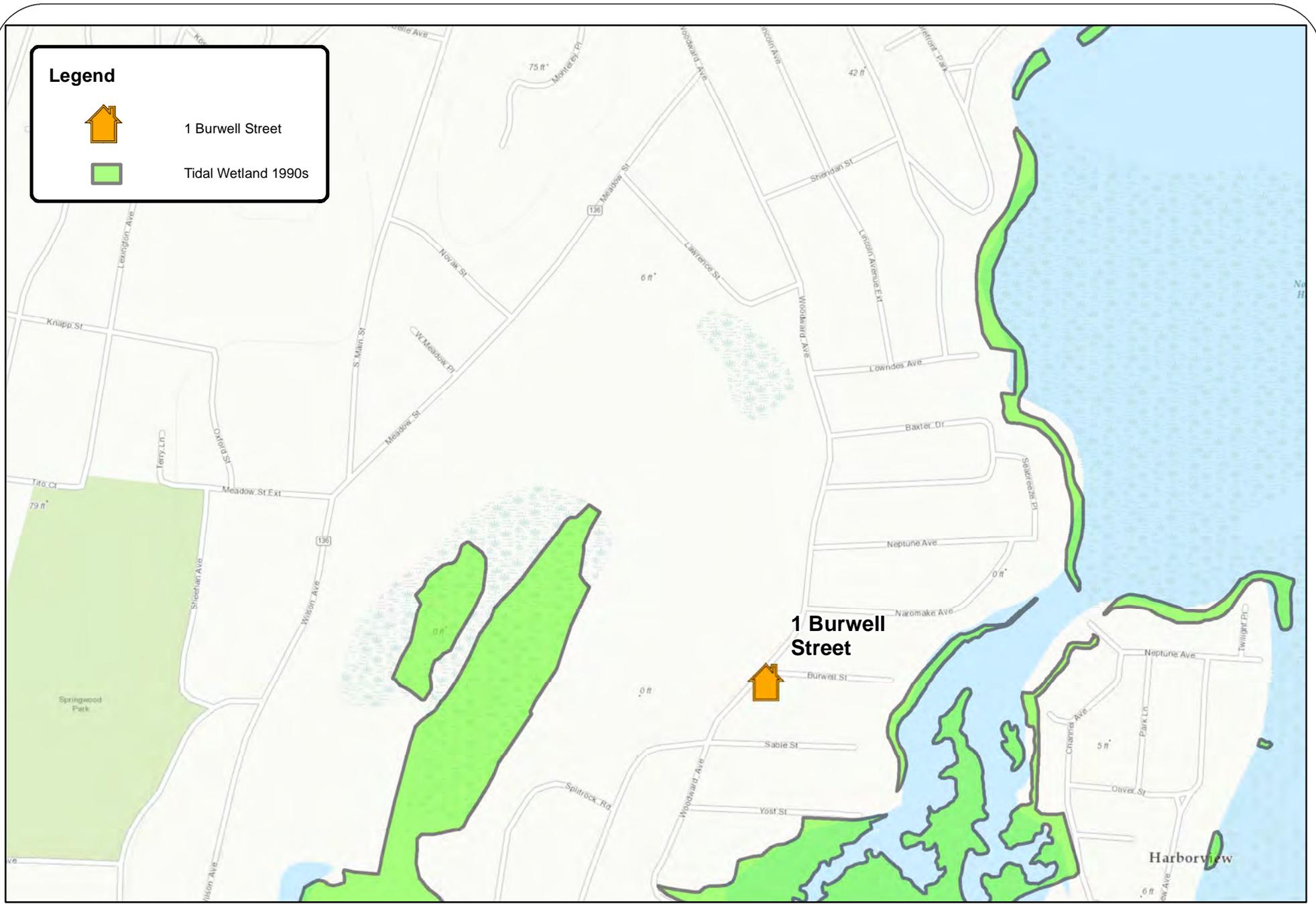


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Attachment 12 – Checklist Item 14C Documentation – Tidal Wetlands

Legend

-  1 Burwell Street
-  Tidal Wetland 1990s



MCA
MARTINEZ COUCH & ASSOCIATES, LLC



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



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

