

January 28, 2015

Liz Swenson
Department of Housing
505 Hudson Street
Hartford, CT 06106

RE: Applicant 5077, 71-73 Worth Street, Bridgeport, CT

Dear Ms. Swenson,

This letter is to provide a summary description of the Statutory Checklist for CDBG-DR Applicant – Applicant 5077, Rosanna Nadal and Bernardo Valdez.

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 6 – Natural Diversity Database Mapping
- Item 11 – Connecticut Department of Economic and Community Development list of Distressed Municipalities
- Item 12-A – National Flood Insurance Program FIRMette Map, Item 2 Documentation
- 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, Microbial (Mold) Abatement Plan
- Item 14-A – National Flood Insurance Program FIRMette Map, Item 2 Documentation
- Item 14-C – Tidal Wetlands 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-D – Asbestos Containing Materials Removal Work Plan

- Item 14-E – Review by City of City of Bridgeport Municipal board will be necessary to obtain a Building Permit

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

Yours Sincerely,



Richard Couch, PE

Member

Martinez Couch & Associates, LLC

Figure E-10 Statutory Checklist

**STATUTORY CHECKLIST [§58.35(a) activities]
for Categorical Exclusions and Environmental Assessments**

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

Project Name and Identification No. CDBG-DR Project **5077 – 71-73 Worth Street, Bridgeport**

Area of Statutory or Regulatory Compliance	Not Applicable to This Project	Consultation Required*	Review Required*	Permits Required*	Determination of consistency Approvals, Permits Obtained*	Conditions and/or Mitigation Actions Required	Provide compliance documentation. Additional material may be attached.
Document Laws and authorities listed at 24 CFR Sec. 58.5							
1. Historic Properties [58.5(a)] [Section 106 of NHPA]	☒	☐	☐	☐	☐	☐	See attachment 1 for determination statement from CT State Historic Preservation Office. Project activities will have no adverse effects on the state of Connecticut's historic resources.
2. Floodplain Management [58.5(b)] [Ex Or 11988] [24 CFR 55]	☒	☐	☐	☐	☐	☐	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09001C0437G, Revised July 8, 2013 Identifies the property at 71-73 Worth Street, Bridgeport, CT, outside Zone A and AE for a 100 Year Flood. See attachment 2 for documentation.
3. Wetland Protection [58.5 (b)]	☒	☐	☐	☐	☐	☐	United States Fish and Wildlife Services (USFWS), National Wetlands Inventory (NWI) mapping identifies the project site outside a wetland zone. See attachment 3 for map documentation. Mapping is Geographic Information System (G.I.S.) map created using data accessed from USFWS NWI website at http://www.fws.gov/wetlands/Data/State-Downloads.html
4. Coastal Zone Management [58.5(c)]	☒	☐	☐	☐	☐	☐	Site at 71-73 Worth Street, Bridgeport, CT is shown located outside the Coastal Boundary Area. 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]	☒	☐	☐	☐	☐	☐	On site water and sewer facilities are not included in rehabilitation work for 71-73 Worth Street, Bridgeport, CT. Connecticut DEEP Bureau of Water Protection and Land Reuse map titled 'Connecticut Aquifer Protection Areas' dated

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.
							December 16, 2013 does not identify aquifer protection areas in the City of Bridgeport Connecticut near the project site. See attachment 5 for documentation.
6. Endangered Species [58.5(e)] [16 U.S.C. 1531 et seq.]	☒	☐	☐	☐	☐	☐	Project is located outside mapped Natural Diversity Data Base (NDDB) areas from CT DEEP. See attachment 6 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/ .
7. Wild and Scenic Rivers [58.5 (f)] [16 U.S.C. 1271 et seq.]	☒	☐	☐	☐	☐	☐	Project site is not proximate to the Eight Mile River or the Farmington River West Branch listed in the National Wild and Scenic Rivers System.
8. Air Quality [58.5(g)] [42 U.S.C. 7401 et seq.]	☒	☐	☐	☐	☐	☐	No quantifiable increase in air pollution is measurable for proposed rehabilitation activities.
9. Farmland Protection [58.5(h)]	☒	☐	☐	☐	☐	☐	All activity will occur inside existing structure foot print and no change in land use is proposed.
Manmade Hazards 10 A. Thermal Explosive [58.5(i)]	☒	☐	☐	☐	☐	☐	Per 24 CFR 51 Subpart C and HUD Guidebook 6600.G rehabilitation work that does not alter the number dwelling units or a change of land use is not subject to Acceptable Separation Distance (ASD) requirements for HUD assisted projects near hazardous operations handling petroleum products or chemicals of an explosive or flammable nature.
10 B. Noise [58.5(i)]	☒	☐	☐	☐	☐	☐	Noise Abatement and Control requirements per 24 CFR 51.101(a)(3) are not applicable to HUD assisted projects which restore facilities substantially as they existed prior to a disaster.
10 C. Airport Clear Zones [58.5 (j)]	☒	☐	☐	☐	☐	☐	The residential structure at 71-73 Worth Street, Bridgeport, CT is located outside the Runway Clear Zone of Tweed/New Haven Commercial Airport.
10 D. Toxic Sites [58.5 (i)(2)(i)]	☒	☐	☐	☐	☐	☐	The project site at 71-73 Worth Street, Bridgeport, CT is, 1. Not listed on EPA's NPL Lists (Proposed and Final) or the State of Connecticut's Superfund Priority List; 2. Not listed in Comprehensive Environmental Response and Compensation Liability Information System (CERCLIS) database search as a Comprehensive Environmental Response and Compensation Liability Act (CERCLA) site; 3. Not located within 3,000 feet of a landfill site as listed on CT DEEP's active landfill list; 4. Not listed on CT DEEP's Underground Storage Tank list 5. Not listed on CT DEEP's list of potentially contaminated sites and is not known or suspected to

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							be contaminated by toxic chemicals or radioactive materials
11. Environmental Justice [58.5(j)]	☒	☐	☐	☐	☐	☐	The rehabilitation work at the project site, 71-73 Worth Street, Bridgeport, 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 Bridgeport, Connecticut is listed by the Connecticut Department of Economic and Community Development (CT DECD) as a distressed municipality as defined in C.G.S. Section 22a-20. See attachment 7 for the 2013 listing of distressed municipalities in CT from the CT DECD in which City of Bridgeport, 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)]	☒	☐	☐	☐	☐	☐	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09001C0437G, Revised July 8, 2013 identifies the property at 71-73 Worth Street, Bridgeport, CT, outside Zone A and AE for a 100 Year Flood. See attachment 2 for documentation.
12 B. Coastal Barriers [58.6(c)]	☒	☐	☐	☐	☐	☐	Project at 71-73 Worth Street, Bridgeport, CT is not located within a Coastal Barrier Resource System unit. See attachment 8 for documentation. Mapping is Geographic Information System (G.I.S.) map created using data digitized from official John H. Chafee Coastal Barrier Resource System maps enacted by law and endorsed by the U.S. Fish and Wildlife Service. Digital data was accessed from CT Environmental Conditions Online (CT ECO) at http://www.cteco.uconn.edu/
12 C. Airport Clear Zone Notification [58.6(d)]	☒	☐	☐	☐	☐	☐	Project does not involve the 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.]	☒	☐	☐	☐	☐	☐	Rehabilitation activities to the residential structure at the project site, 71-73 Worth Street, Bridgeport, CT, are not expected to affect the capacities of solid waste disposal services.
13 B. Fish and Wildlife [U.S.C. 661-666c]	☒	☐	☐	☐	☐	☐	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]	☐	☒	☒	☐	☐	☒	Residential Structure at 71-73 Worth Street, Bridgeport, CT was built prior to 1978. The results of a Lead Paint Survey are included in attachment 9, 'Hazardous Materials Inspection Report, '71-73 Worth Street, Bridgeport CT', dated 2 December 2014, prepared by Facility Support Services, LLC. Lead based paint hazards identified in the survey will be abated or

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							addressed with interim controls where appropriate per attachment 10, 'Abatement Plan for 71-73 Worth Street, Bridgeport, Ct' prepared by Gilbertco Lead Inspections LLC.
13 D. Asbestos	☐	☐	☐	☐	☐	☒	Roofing shingles have been tested to be non Asbestos Containing Materials (ACM's). Shingles with tar coating and other roofing tars and sealents not accessible for testing will be disposed of as Non-friable Asbestos Containing Materials (ACM's) per the 'Asbestos Containing Materials Removal Work Plan 71-73 Worth Street' Prepared by Facility Support Services, included as attachment 11. Results of sampled materials testing are included in attachment 9, 'Hazardous Material Inspection Report, 71-73 Worth Street, Bridgeport, CT', 2 December 2014, prepared by Facility Support Services, LLC.
13 E. Radon [50.3 (i) 1]	☒	☐	☐	☐	☐	☐	Radon levels requiring mitigation were not found at the project site. Results of testing are included in attachment 9, 'Hazardous Material Inspection Report, 71-73 Worth Street, Bridgeport, CT', 2 December 2014, prepared by Facility Support Services LLC.
13 F. Mold	☐	☐	☐	☐	☐	☒	No specific regulation regarding the levels requiring mold mitigation or abatement are enacted by law in the State of Connecticut. Accelerated mold growth is indicated by testing results at the project site. The procedures and results of the microbial testing for mold spores conducted at the project site are included in attachment 9, 'Hazardous Material Inspection Report 71-73 Worth Street Bridgeport, CT', 2 December 2014, prepared by Facility Support Services, LLC. Mold Abatement following guidelines mandated in Public Act No. 06-195, as described in document entitled 'Connecticut Guidelines for Mold Abatement Contractors' published by the Connecticut Department of Public Health, Environmental & Occupational Health Assessment Program will be required. See attachment 12 for 'Microbial (Mold) Abatement Work Plan.'
Other: State or Local 14 A. Flood Management Certification [CGS 25-68]	☒	☐	☐	☐	☐	☐	National Flood Insurance Program (NFIP), Flood Insurance Rate Map (FIRM) Number 09001C0437G, Revised July 8, 2013 Identifies the property 71-73 Worth Street, Bridgeport, CT, outside Zone A and AE for a 100 Year Flood. See attachment 2 for documentation.
14 B. Structures, Dredging & Fill Act [CGS 22a-359 to 22a-363f]	☒	☐	☐	☐	☐	☐	Rehabilitation work at project site does not propose any adverse impacts to coastal resources nor propose any activity waterward of the coastal jurisdiction line.
14 C. Tidal Wetlands Act [CGS 22a-28 to 22a-35]	☒	☐	☐	☐	☐	☐	Connecticut Department of Energy and Environmental Protection Tidal Wetlands Mapping as defined in C.G.S. Section 22a-29 and Section 22a-93(7)(e) identifies the project as outside a Tidal Wetland Zone. See attachment 12 for

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.
							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-4]	☒	☐	☐	☐	☐	☐	Project rehabilitation work is not expected to impact wetlands/watercourses.
14 E. Various municipal zoning approvals	☐	☒	☒	☒	☐	☐	Rehabilitation activities at the project site will need review by City of Bridgeport Building Department for issuance of required building permit.

DETERMINATION:

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

Prepared by:



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

1/28/2015
Date

Responsible Entity or designee Signature:



Hermia Delaire, CDBG-DR Program Manager

3/24/2015
Date



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

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



Department of Economic and
Community Development



October 23, 2014

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

Subject: 71-73 Worth Street
Bridgeport, CT

Dear Ms. Delaire:

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

The property located at 71-73 Worth Street appears to be eligible for listing on the National Register of Historic Places as a contributing resource to a potential historic district.

Your project scope includes exterior siding and soffit repairs, and replacement of the roof including chimney flashing. Interior repair includes replacement of the gypsum board where needed and MEP repairs. It does not include elevation. The SHPO has determined that the undertaking as proposed will constitute no adverse effects to historic resources.

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

Sincerely,

Mary B. Dunne
Deputy State Historic Preservation Officer

State Historic Preservation Office

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

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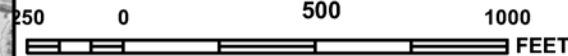


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Attachment 2 – Checklist Item #2, #12A and #14A Documentation – FEMA FIRM Flood Mapping



MAP SCALE 1" = 500'



NFP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0437G

FIRM

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

PANEL 437 OF 626

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
BRIDGEPORT, CITY OF	090002	0437	G
FAIRFIELD, TOWN OF	090007	0437	G

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
09001C0437G

MAP REVISED
JULY 8, 2013

Federal Emergency Management Agency

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



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Attachment 3 – Checklist Item 3 Documentation – Wetlands Protection

Legend

 71 Worth Street

NWI Wetlands

Wetland Type

 Estuarine and Marine Deepwater

 Estuarine and Marine Wetland

 Freshwater Emergent Wetland

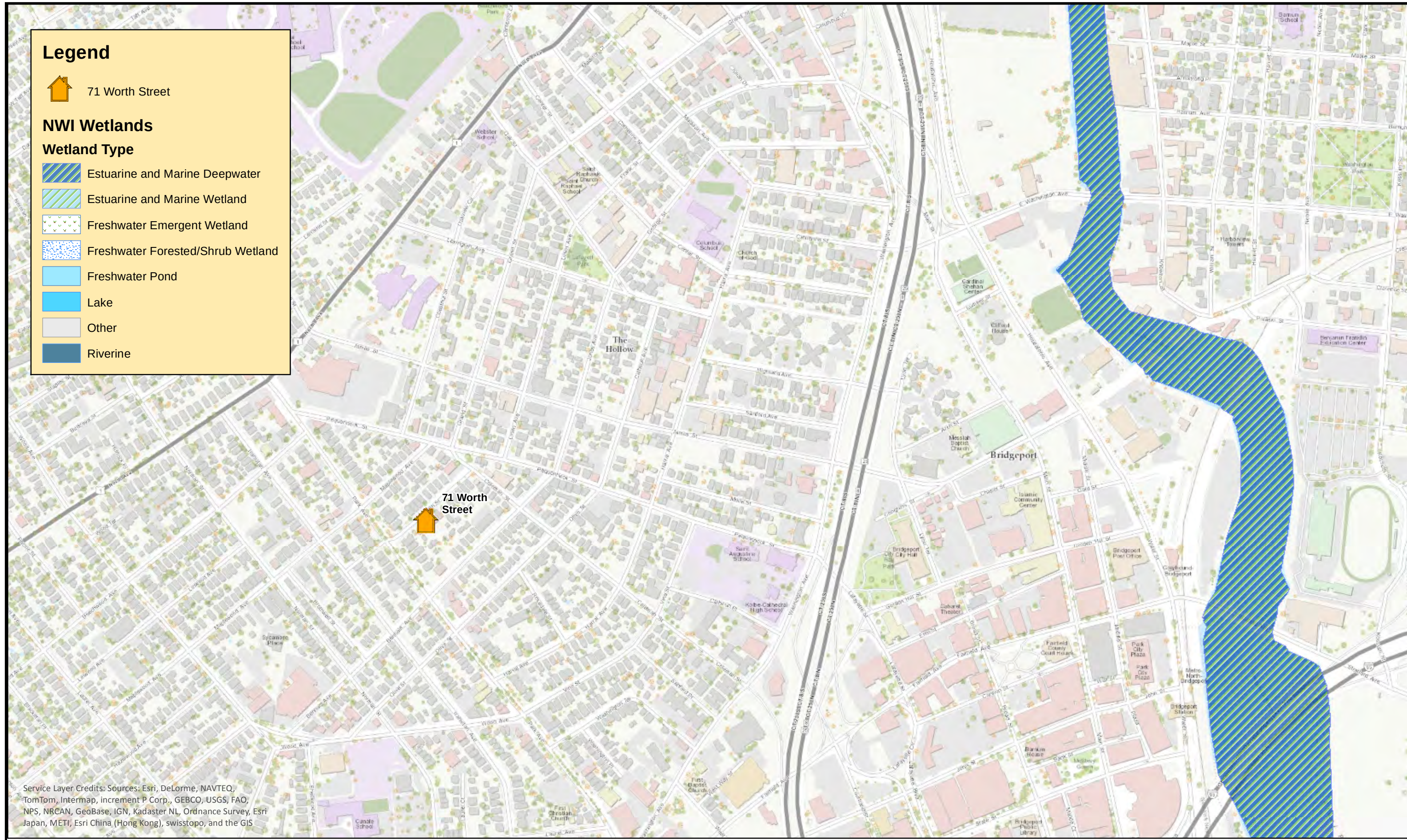
 Freshwater Forested/Shrub Wetland

 Freshwater Pond

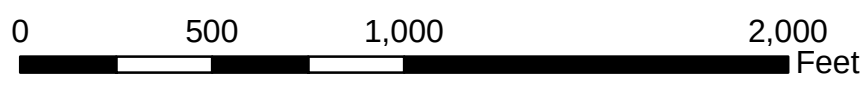
 Lake

 Other

 Riverine



Service Layer Credits: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS





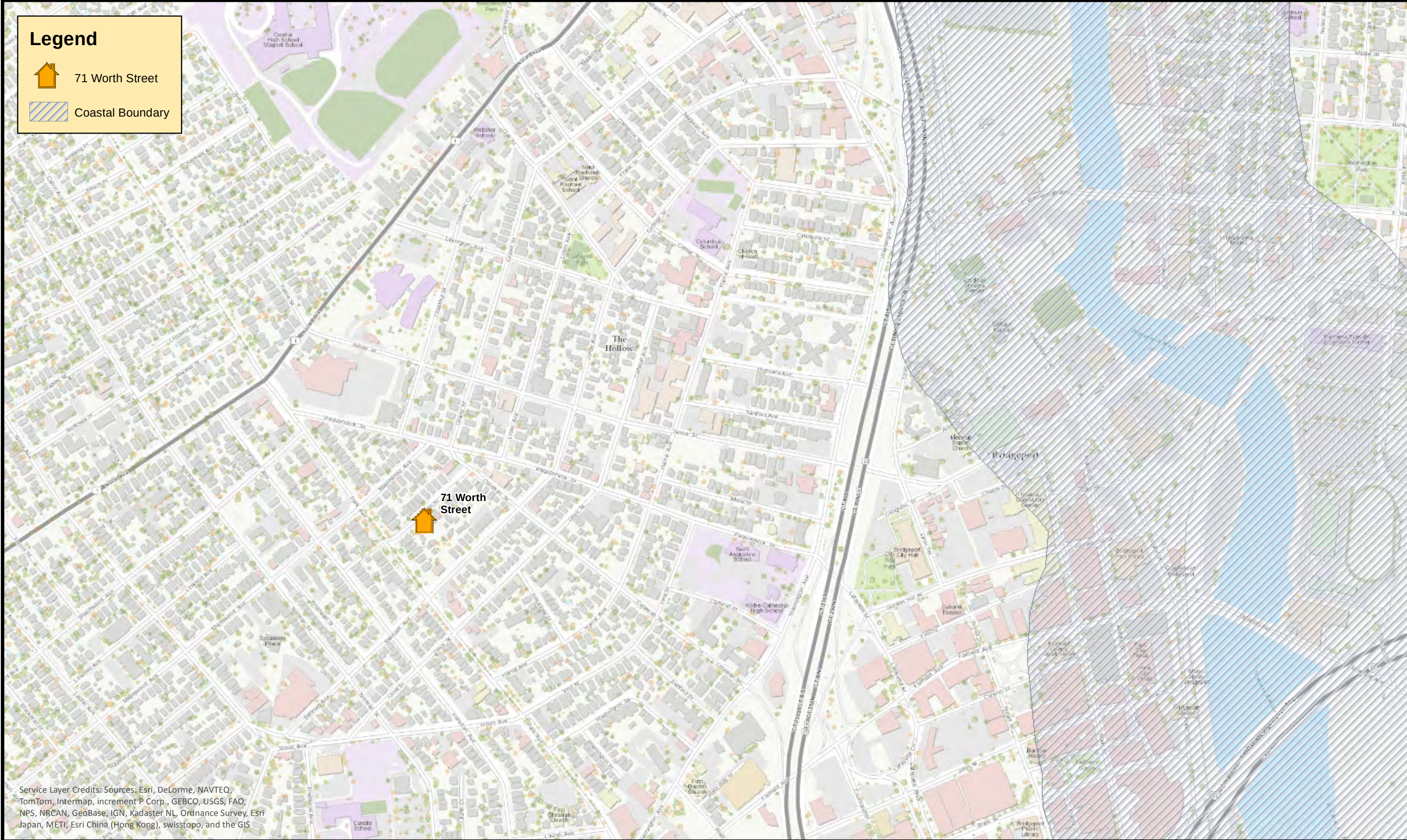
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Attachment 4 – Checklist Item 4 Documentation – Coastal Management Zone

Legend

 71 Worth Street

 Coastal Boundary



Service Layer Credits: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS



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Feet



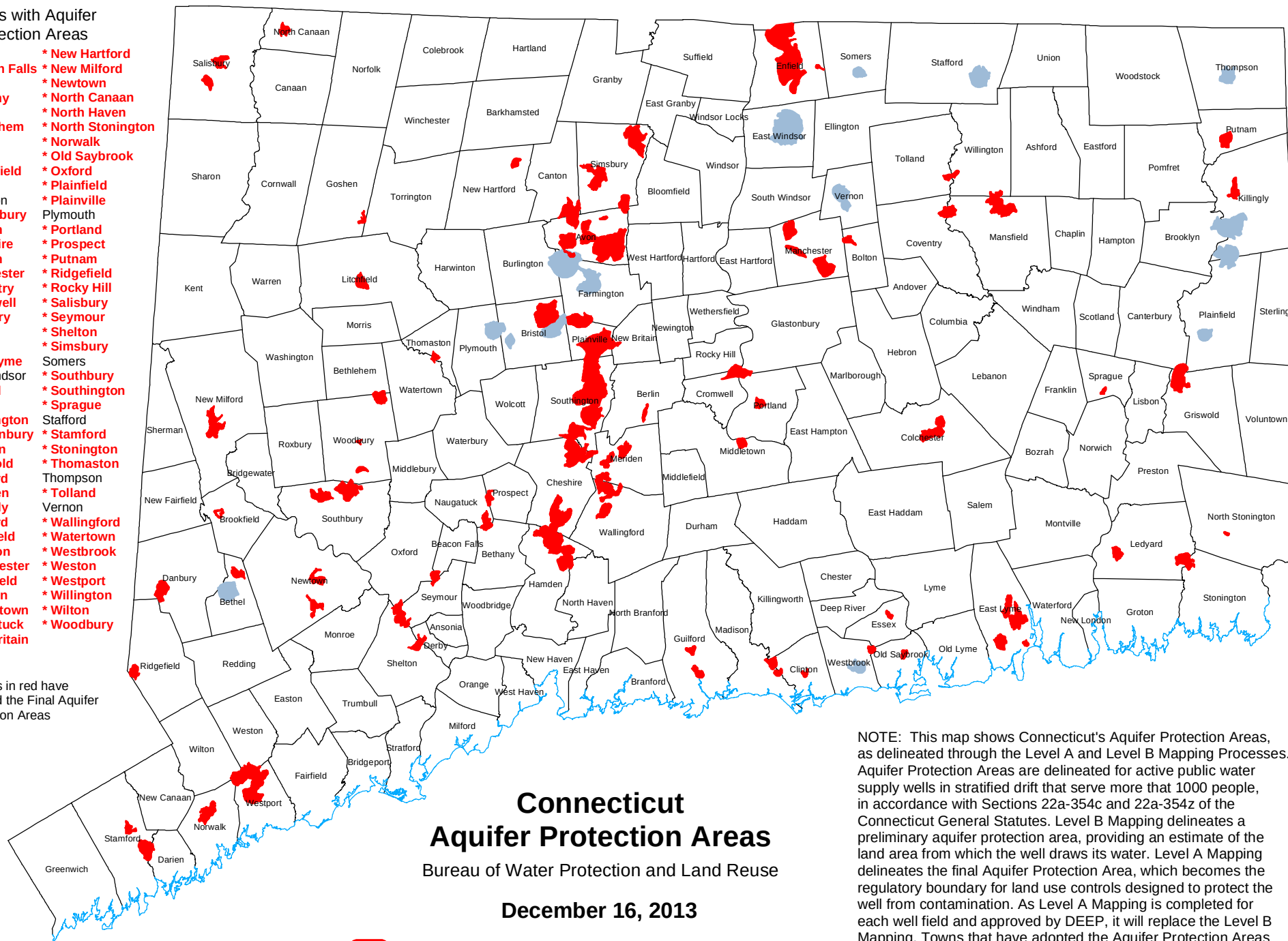
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Attachment 5 – Checklist Item 5 Documentation – Water Quality – Aquifers

Towns with Aquifer Protection Areas

* Avon
 * Beacon Falls
 * Berlin
 * Bethany
 * Bethel
 * Bethlehem
 * Bolton
 * Bristol
 * Brookfield
 Brooklyn
 Burlington
 * Canterbury
 * Canton
 * Cheshire
 * Clinton
 * Colchester
 * Coventry
 * Cromwell
 * Danbury
 * Darien
 * Derby
 * East Lyme
 East Windsor
 * Enfield
 * Essex
 * Farmington
 * Glastonbury
 * Goshen
 * Griswold
 * Guilford
 * Hamden
 * Killingly
 * Ledyard
 * Litchfield
 * Madison
 * Manchester
 * Mansfield
 * Meriden
 * Middletown
 * Naugatuck
 * New Britain
 * New Hartford
 * New Milford
 * Newtown
 * North Canaan
 * North Haven
 * North Stonington
 * Norwalk
 * Old Saybrook
 * Oxford
 * Plainfield
 * Plainville
 Plymouth
 * Portland
 * Prospect
 * Putnam
 * Ridgefield
 * Rocky Hill
 * Salisbury
 * Seymour
 * Shelton
 * Simsbury
 Somers
 * Southbury
 * Southington
 * Sprague
 Stafford
 * Stamford
 * Stonington
 * Thomaston
 Thompson
 * Tolland
 Vernon
 * Wallingford
 * Watertown
 * Westbrook
 * Weston
 * Westport
 * Willington
 * Wilton
 * Woodbury

* Towns in red have adopted the Final Aquifer Protection Areas



Connecticut Aquifer Protection Areas

Bureau of Water Protection and Land Reuse

December 16, 2013

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

NOTE: This map shows Connecticut's Aquifer Protection Areas, as delineated through the Level A and Level B Mapping Processes. Aquifer Protection Areas are delineated for active public water supply wells in stratified drift that serve more than 1000 people, in accordance with Sections 22a-354c and 22a-354z of the Connecticut General Statutes. Level B Mapping delineates a preliminary aquifer protection area, providing an estimate of the land area from which the well draws its water. Level A Mapping delineates the final Aquifer Protection Area, which becomes the regulatory boundary for land use controls designed to protect the well from contamination. As Level A Mapping is completed for each well field and approved by DEEP, it will replace the Level B Mapping. Towns that have adopted the Aquifer Protection Areas at the local level and for which land use regulations are now in place are designated by the solid red above and in red in the list of Towns with Aquifer Protection Areas.

www.ct.gov/deep/aquiferprotection



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

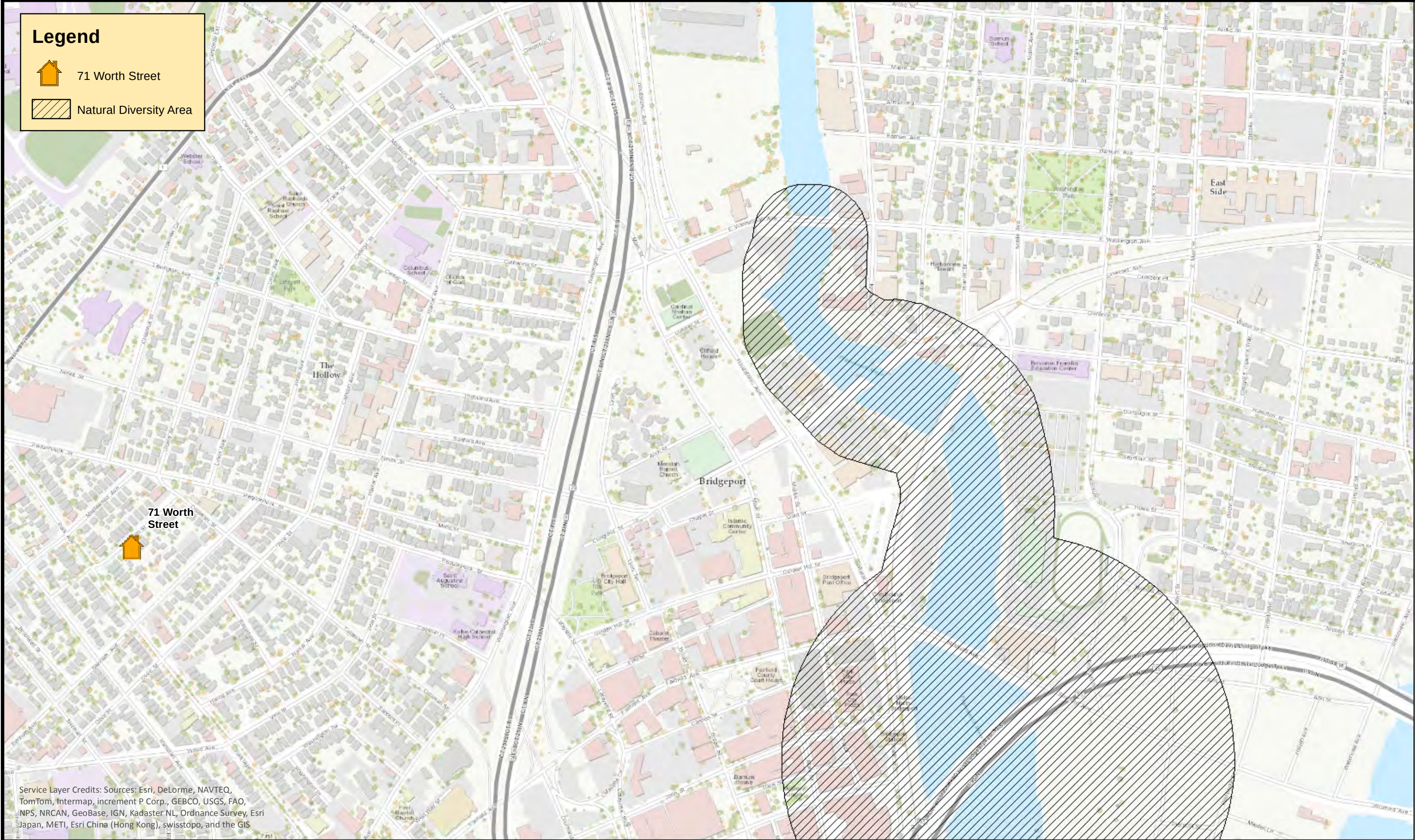


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Attachment 6 – Checklist Item 6 Documentation – Natural Diversity Data Base and Endangered Species

Legend

-  71 Worth Street
-  Natural Diversity Area



Service Layer Credits: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS





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Attachment 7 – Checklist Item 11 Documentation – Environmental Justice

2013 Distressed Municipalities

Ranked by Score

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

2013 Distressed Municipalities

In town alphabetical order

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



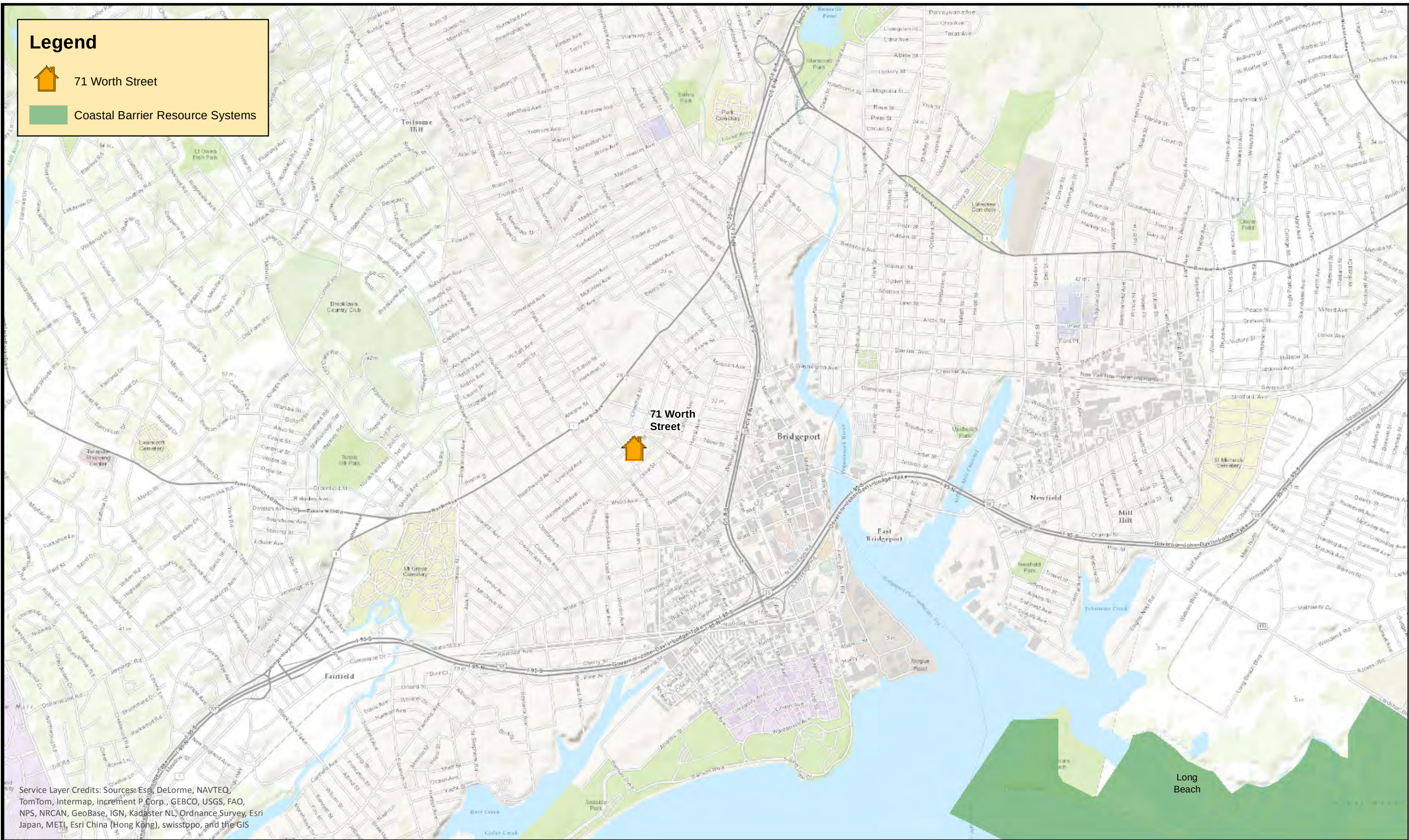
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Attachment 8 – Checklist Item 12B Documentation – Coastal Barrier Resource System

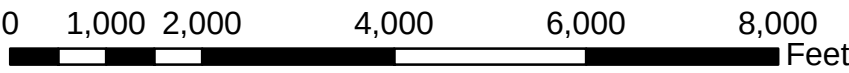
Legend

 71 Worth Street

 Coastal Barrier Resource Systems



Service Layer Credits: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS





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



Facility Support Services, LLC

Environmental & Safety Consulting Engineers

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

**Hazardous Materials
Inspection Report**

**71-73 Worth Street
Bridgeport, 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 2, 2014

FSS #22214-5077

SIGNATURES OF REPORT AUTHORS

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

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

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

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I. Introduction

Facility Support Services, LLC (FSS) was contracted by Martinez, Couch & Associates, LLC (MCA) to perform a limited scope hazardous materials survey of 71-73 Worth Street in Bridgeport, Connecticut (the “Site”). The purpose of this inspection was to identify the presence of asbestos, PCBs, mold, and lead paint in certain building materials proposed for removal/demolition that qualify for the repair/replacement of items damaged by the October 2012 Tropical Storm Sandy under the Connecticut Department of Housing (DOH), Community Development Block Grant – Disaster Recovery Owner Occupied Recovery and Rehabilitation Program. In addition, FSS performed radon testing as required for DOH funded projects.

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

II. Mold

FSS conducted sampling for mold on November 18, 2014. Testing for total spores in air was conducted for the following areas of 71-73 Worth Street in Bridgeport, Connecticut to identify concerns with indoor air quality related to mold and fungi:

- 1st Floor Bathroom
- Exterior
- 3rd Floor Hallway

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

The spore samples were analyzed by EMSL Analytical of Wallingford, Connecticut for the identification and enumeration of spores (EMSL Method M001). EMSL is a State of Connecticut, Department of Public Health certified laboratory (Accreditation Number 165118). Analytical reports for mold are included in 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
71-73 Worth Street, Bridgeport, Connecticut

Sample Number & Location	Raw Count	Total Fungi (Count/m³)	Spore Types Present
20141118_5077_MS1 1 st Floor Bathroom	62	1,220	Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Epicoccum, Ganoderma, Myxomycetes, Pithomyces
20141118_5077_MS2 Exterior	57	1,210	Alternaria, Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Ganoderma, Myxomycetes, Rust
20141118_5077_MS3 3 rd Floor	140	2,920	Ascospores, Aspergillus/Penicillium, Basidiospores, Cladosporium, Epicoccum, Ganoderma, Myxomycetes

The suite of mold spores in the outside sample versus the interior samples are similar. The primary mold species for all three samples was Ascospores.

Ascospores – All Ascospores belong to members of the Phylum Ascomycota, which encompasses a wide range of genera. They occur everywhere in nature. The pathogenic effects of this species depends on the genus and species.

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

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

FSS's investigation found total spore concentrations inside the 71-73 Worth Street residence of up to 2,920/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 similar to the outside sample (1st floor sample) to higher than exterior levels (3rd floor sample).

FSS's mold spore count analysis indicates accelerated mold growth in the 3rd floor of the residence.

III. Asbestos

FSS conducted a limited scope asbestos inspection and bulk sampling on November 18, 2014 of suspect building materials that are proposed for renovations. The inspection was conducted by Kevin Bogue, a State of Connecticut licensed Asbestos Inspector. Mr. Bogue's Connecticut Asbestos Inspectors/Management Planner license is provided in Appendix B.

The following suspect materials were identified during the inspection:

- Bathroom Sheetrock (1st floor)
- Bathroom Taping Compound (1st floor)
- White Plaster Skim Coat (1st floor hallway)
- Grey Plaster Base Coat (1st floor hallway)
- Roof Shingle (exterior)
- Sheetrock (angled wall in 3rd floor)
- Taping Compound along angled wall (3rd floor)
- Paper backed yellow fiberglass insulation (3rd floor)
- Sheetrock (3rd floor bathroom)
- Taping Compound (3rd floor bathroom)

In addition to the materials presented above, the roofing system could not be sampled due to access restrictions and safety issues. Therefore, the materials that encompass the roofing system should be assumed to contain asbestos.

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

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

The roofing system could not be sampled due to access restrictions and safety issues. Therefore, the materials that encompass the roofing system should be assumed to contain asbestos.

IV. Radon

Initial radon testing was conducted by Mr. Kevin Bogue. 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 November 18, 2014. The sampling device was placed on table with a yellow “Do Not Disturb Test in Progress” warning sign placed beneath the test device. The homeowner was reminded to not open windows or to allow anyone to tamper with the test device. Testing time was approximately 72 hours.

The Radon canister was submitted to Radon Testing Corporation of America for analysis. The analytical result for the sample was reported to be 2.0 pCi/L (sample# 2333092) 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 D.

Table 2
Summary of Laboratory Analysis of Radon
71-73 Worth Street, Bridgeport, Connecticut

Canister ID#	Location	Radon Concentration (pCi/L)
November 18-21, 2014		
2333092	Basement	2.0

V. PCBs

Following an inspection of accessible building materials proposed for renovations, no suspected PCB-containing materials were identified. The roofing system was not inspected for potential PCBs due to access limitations and safety concerns.

VI. Lead

The subject residential structure was built prior to 1978 (in 1899) and therefore the likelihood that lead painted surfaces are present is increased. As a residential structure built prior to 1978 the removal of lead painted materials where a child under 6 is housed, or may visit, would trigger the EPA Renovation, Repair and Painting (RRP) rule. Furthermore, adherence to the requirements of The Lead-Safe Housing Rule (US

Department of Housing and Urban development, HUD) are stipulated by the Connecticut Department of Housing (DOH) as part of the Community Development Block Grant – Disaster Recovery Owner Occupied Recovery and Rehabilitation Program.

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

- 1st Floor - Front Bedroom
 - Window Well/Trough (Side 1)
 - Window Jamb (Side 1)
- 1st Floor - Kitchen
 - Door Casing (Sides 2, 3)
 - Wall (Sides 1, 2, 3, 4)
 - Door Jamb (Side 2)
 - Window Sill/Stool (Side 4)
 - Window Trim (Side 4)
 - Window Stop (Side 4)
 - Door (Side 3)
 - Door Casing (Side 3)
- 1st Floor - Pantry
 - Door Casing (Side 1)
 - Window Trim (Side 3)
 - Window Sill/Stool (Side 3)
- 1st Floor - Front Bedroom
 - Door (Side 3)
- 1st Floor - Bathroom
 - Door (Side 4)
- 1st Floor - Hall outside Bathroom
 - Ceiling
 - Wall (Sides 1, 4)
- 2nd Floor - Kitchen
 - Wall (Sides 1, 2, 3, 4)
 - Ceiling
- 2nd Floor - Pantry
 - Cabinet (Side 3)
- Exterior
 - Door (Sides 1, 3)
 - Door Jamb (Side 3)
 - Threshold (Sides 1, 3)
 - Door Casing (Sides 1, 3)
 - Wall (Side 3)
 - Window Trim (Side 3)

- Window Sill/Stool (Side 3)
 - Floor
- 3rd Floor – Front Bedroom
 - Window Well/Trough (Side 1)
 - Window Jamb (Side 1)
- 3rd Floor – Bedroom
 - Door Casing (Side 4)
 - Door (Side 4)
- Rear Stairs
 - Wall-green (Side 3)
 - Door (Side 3)
 - Door Casing (Side 3)

Non-Intact Materials

A copy of the Gilbertco Lead Inspection Report is provided in Attachment 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:

- 1st Floor - Front Bedroom
 - Window Well/Trough (Side 1)
 - Window Jamb (Side 1)
- 1st Floor - Kitchen
 - Door Casing (Sides 2, 3)
 - Wall (Sides 1, 2, 3, 4)
 - Door Jamb (Side 2)
 - Window Sill/Stool (Side 4)
 - Window Trim (Side 4)
 - Window Stop (Side 4)
- 1st Floor - Pantry
 - Door Casing (Side 1)
- 1st Floor - Hall outside Bathroom
 - Ceiling
 - Wall (Sides 1, 4)
- Exterior
 - Door (Side 3)
 - Door Jamb (Side 3)
 - Threshold (Sides 1, 3)
 - Door Casing (Sides 1, 3)
 - Wall (Side 3)
 - Window Trim (Side 3)
 - Window Sill/Stool (Side 3)
 - Floor
- 3rd Floor – Front Bedroom

- Window Well/Trough (Side 1)
- Window Jamb (Side 1)

Demolition Materials

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

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.

Mold - Mold spore count analysis indicates accelerated mold growth in the 3rd floor of the residence. A mold abatement plan requiring special handling and disposal requirements for affected media are indicated by the sampling results.

Asbestos – No asbestos containing materials (>1% asbestos) were identified in sampled materials proposed for renovation or demolition. However, due to the limited access to the roof of the residence, roofing materials that have not been sampled must be assumed to contain asbestos if they are to be disturbed. Therefore, all roofing materials except for the top layer of roofing shingles should be considered as being positive for asbestos.

- Presumed ACM – Roofing materials (except top layer of shingles)

PCBs - No suspected PCB-containing materials were identified in proposed interior renovation materials, however, the roofing system was not inspected for potential PCBs due to access limitations and safety concerns. FSS recommends that the roofing

contractor be 40-hour Hazwoper trained and sample suspect materials encountered in the roofing system for PCBs prior to disposal, and dispose of the materials according to applicable federal and state regulations.

Radon – Levels of radon were identified in the basement of the residence at a level of 2.0 pCi/L, below the EPA action level of 4.0 pCi/L. No further work related to radon will be required.

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:

- 1st Floor - Front Bedroom
 - Window Well/Trough (Side 1)
 - Window Jamb (Side 1)
- 1st Floor - Kitchen
 - Door Casing (Sides 2, 3)
 - Wall (Sides 1, 2, 3, 4)
 - Door Jamb (Side 2)
 - Window Sill/Stool (Side 4)
 - Window Trim (Side 4)
 - Window Stop (Side 4)
- 1st Floor - Pantry
 - Door Casing (Side 1)
- 1st Floor - Hall outside Bathroom
 - Ceiling (Side 4)
 - Wall (Sides 1, 4)
- Exterior
 - Door (Side 3)
 - Door Jamb (Side 3)
 - Threshold (Sides 1, 3)
 - Door Casing (Sides 1, 3)
 - Wall (Side 3)
 - Window Trim (Side 3)
 - Window Sill/Stool (Side 3)
 - Floor (Side 1)
- 3rd Floor – Front Bedroom
 - Window Well/Trough (Side 1)
 - Window Jamb (Side 1)

There are no areas that tested positive for lead (regardless of intactness) that are proposed for demolition. Renovations to damaged walls and ceilings will encounter lead-based paint. These actions shall contain debris according to the Lead RRP Rule.

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: 241404626
Customer ID: FSS93
Customer PO:
Project ID:

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

Phone: (203) 288-1281
Fax: (203) 248-4409
Collected: 11/18/2014
Received: 11/19/2014
Analyzed: 11/24/2014

Proj: 22214-5077

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

Lab Sample Number:	241404626-0001			241404626-0002			241404626-0003		
Client Sample ID:	20141118_5077_MS1			20141118_5077_MS2			20141118_5077_MS3		
Volume (L):	150			150			150		
Sample Location:	1st floor bathroom			Exterior			3rd floor		
Spore Types	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total	Raw Count	Count/m ³	% of Total
Alternaria	-	-	-	1	20	1.6	-	-	-
Ascospores	16	340	27.9	14	300	24.8	42	890	30.5
Aspergillus/Penicillium	6	100	8.2	6	100	8.3	24	510	17.5
Basidiospores	11	230	18.9	13	270	22.3	33	700	24
Bipolaris++	-	-	-	-	-	-	-	-	-
Chaetomium	-	-	-	-	-	-	-	-	-
Cladosporium	7	100	8.2	4	80	6.6	7	100	3.4
Curvularia	-	-	-	-	-	-	-	-	-
Epicoccum	3	60	4.9	-	-	-	-	-	-
Fusarium	-	-	-	-	-	-	-	-	-
Ganoderma	5	100	8.2	2	40	3.3	11	230	7.9
Myxomycetes++	12	250	20.5	9	200	16.5	23	490	16.8
Pithomyces	2	40	3.3	-	-	-	-	-	-
Rust	-	-	-	8	200	16.5	-	-	-
Scopulariopsis	-	-	-	-	-	-	-	-	-
Stachybotrys	-	-	-	-	-	-	-	-	-
Torula	-	-	-	-	-	-	-	-	-
Ulocladium	-	-	-	-	-	-	-	-	-
Unidentifiable Spores	-	-	-	-	-	-	-	-	-
Zygomycetes	-	-	-	-	-	-	-	-	-
Total Fungi	62	1220	100	57	1210	100	140	2920	100
Hyphal Fragment	8	200	16.4	8	200	16.5	13	270	9.3
Insect Fragment	-	-	-	-	-	-	-	-	-
Pollen	-	-	-	-	-	-	-	-	-
Analyt. Sensitivity 600x	-	21	-	-	21	-	-	21	-
Analyt. Sensitivity 300x	-	7*	-	-	7*	-	-	7*	-
Skin Fragments (1-4)	-	2	-	-	-	-	-	2	-
Fibrous Particulate (1-4)	-	2	-	-	-	-	-	2	-
Background (1-5)	-	2	-	-	2	-	-	3	-

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

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

Gloria V. Oriol, Laboratory Manager
or Other Approved Signatory

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: 11/25/2014 17:23:36

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

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Chain of Custody

EMSL Order Number (Lab Use Only):

241404626

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

Company: Facility Support Services, LLC		EMSL-Bill to: ☒ Same ☐ Different If Bill to is Different note instructions in Comments**	
Street: 2685 State Street		Third Party Billing requires written authorization from third party	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Kevin Bogue		Telephone #: 203-288-1281	
Email Address: kbogue.fss@snet.net		Fax #:	Purchase Order:
Project Name/Number: 22214-5077		Please Provide Results: ☐ FAX ☒ E-mail ☐ Mail	
U.S. State Samples Taken: CT		Connecticut Samples: Commercial ☐ Residential ☒	
Turnaround Time (TAT) Options* - Please Check			
☐ 3 Hour	☐ 6 Hour	☐ 24 Hour	☐ 48 Hour
☐ 72 Hour	☐ 96 Hour	☒ 1 Week	☐ 2 Week
*For RUSH TAT's Please Call Ahead to Confirm Lab Hours and Availability. Not all TAT options are valid for every test. Materials Science and IAQ TATs are in Business Days rather than Hours (i.e. 24 Hour = End of Next Business Day)			
Asbestos			
PCM - Air ☐ NIOSH 7400 ☐ w/ 8hr. TWA		PLM - Bulk ☐ PLM EPA 600/R-93/116 ☐ PLM EPA NOB (<1%) ☐ NYS 198.1 (friable-NY) ☐ NYS 198.6 (non-friable-NY) Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%) Point Count w/ Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)	
TEM - Air ☐ 4-4.5hr TAT(AHERA ONLY) ☐ AHERA 40 CFR, Part 763 ☐ NIOSH 7402 ☐ EPA Level II ☐ ISO 10312		TEM - Bulk ☐ TEM EPA NOB ☐ NYS NOB 198.4 (non-friable-NY) ☐ Chatfield SOP	
TEM - Water Fibers $\geq 10\mu m$ ☐ Waste ☐ Drinking All Fiber Sizes ☐ Waste ☐ Drinking		TEM - Dust ☐ Microvac - ASTM D 5755 ☐ Wipe-ASTM D6480	
Soil/Rock/Vermiculite ☐ PLM CARB 435 - A (0.25% sensitivity) ☐ PLM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - B (0.1% sensitivity) ☐ EPA Reg. 1 Screening Protocol (Qualitative)		Other:	
Lead (Pb)		Materials Science	
Flame Atomic Absorption ☐ Chips SW846-7000B or AOAC 974.02 ☐ Soil SW846-7000B/7420 ☐ Air NIOSH 7082 ☐ Wastewater SM3111B or SW846-7000B/7420 ☐ ASTM Wipe SW846-7000B/7420 ☐ non ASTM Wipe SW846-7000B/7420 ☐ TCLP SW846-1311/7420/SM 3111B		ICP ☐ Air NIOSH 7300 Modified ☐ non ASTM Wipe SW846-6010B or C ☐ ASTM Wipe SW846-6010B or C ☐ Soil SW846-6010 B or C ☐ Waste Water SW846-6010B or C ☐ TCLP SW846-6010B or C	
Graphite Furnace Atomic Absorption ☐ Soil SW846-7421 ☐ Wastewater EPA 200.9 ☐ Air NIOSH 7105 ☐ Drinking Water EPA 200.9		Other: RECEIVED NOV 19 2014 By: [Signature] 17.10	
Microbiology			
Wipe and Bulk Samples ☐ Mold & Fungi - Direct Examination ☐ Mold & Fungi Culture (Genus Only) ☐ Mold & Fungi Culture (Genus & Species) ☐ Bacterial Count & ID (Up to Three Types) ☐ Bacterial Count & ID (Up to Five Types) ☐ MRSA ☐ Pseudomonas aeruginosa		Air Samples ☒ Mold & Fungi (Spore Trap) ☐ Mold & Fungi Culture (Genus Only) ☐ Mold & Fungi (Genus & Species) ☐ Bacterial Culture & ID (Up to Three Types) ☐ Bacterial Culture & ID (Up to Five Types) ☐ Endotoxin Testing	
Water Samples ☐ Total Coliform & E.coli (P/A) ☐ Fecal Coliform (SM 9222D) ☐ Sewage Screen ☐ Heterotrophic Plate Count (SM 9215)		Real Time Q-PCR (See Analytical Guide for Code) Code: Legionella ☐ Level 1 ☐ Level 2 ☐ Level 3 ☐ Level 4 Other: ☐	
IAQ Nuisance Dust NIOSH ☐ 0500 ☐ 0600 Airborne Dust ☐ PM10 ☐ TSP Silica Analysis: ☐ All Species Silica Analysis - Single Species ☐ Alpha Quartz ☐ Cristobalite ☐ Tridymite ☐ HVAC Efficiency ☐ Carbon Black ☐ Airborne Oil Mist Radon Testing: Call for Kit and COC Other: ☐			
**Comments/Special Instructions:			
Client Sample #'s: MS1 - MS3		Total # of Samples: 3	
Relinquished (Client): [Signature]		Date: 11/18/14	
Received (Lab):		Time: 5:00 pm	
Date:		Time:	

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

1 of 2

2 of 2

ATTACHMENT B
RADON ANALYTICAL DATA

Site Radon Inspection Report

Date : 11/24/2014

Mr. Christopher Hudacek
FACILITY SUPPORT SVCS., LLC
2685 State Street
Hamden, CT 06517-

Client: Unknown
Test Location: 71-73 Worth St
Bridgeport, CT 06604-

Individual Canister Results

Canister ID# :	2333092	Test Start :	11/18/2014 @ 10:00
Canister Type :	Charcoal Canister 3 inch	Test Stop :	11/21/2014 @ 10:04
Location :	Basement	Received:	11/24/2014 @ 13:12
Radon Level :	2.0 pCi/L	Analyzed:	11/25/2014 @ 10:40
Error for Measurement is: $\pm$	0.3 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 its consultants based on RTCA-provided results.



Andreas C. George
Radon Measurement Specialist

NJ MES 11089

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 LIENSURE

STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

PURSUANT TO THE PROVISIONS OF THE GENERAL STATUTES OF CONNECTICUT

THE INDIVIDUAL NAMED BELOW IS CERTIFIED
BY THIS DEPARTMENT AS A

ASBESTOS CONSULTANT-INSP/MGMT PLANNER

KEVIN S. BOGUE

CERTIFICATE NO.

000157

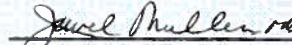
CURRENT THROUGH

08/31/15

VALIDATION NO.

03-928515


SIGNATURE


COMMISSIONER

ATTACHMENT D

ASBESTOS LABORATORY ANALYTICAL DATA

**EMSL Analytical, Inc.**

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

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

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

EMSL Order: 241404625

CustomerID: FSS93

CustomerPO:

ProjectID:

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

Hamden, CT 06517

Phone: (203) 288-1281
Fax: (203) 248-4409
Received: 11/19/14 5:10 PM
Analysis Date: 11/25/2014
Collected: 11/18/2014

Project: **22214-5077 (WORTH)**

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	
20141118_5077_S1 A 241404625-0001	1st floor bathroom - sheetrock	Gray Non-Fibrous Homogeneous	2% Cellulose <1% Glass	98% Non-fibrous (other)		None Detected
20141118_5077_S1 B 241404625-0002	1st floor bathroom - sheetrock	Gray Non-Fibrous Homogeneous	2% Cellulose	98% Non-fibrous (other)		None Detected
20141118_5077_S2 A 241404625-0003	1st floor bathroom - taping compound	White Non-Fibrous Homogeneous		60% Ca Carbonate 40% Non-fibrous (other)		None Detected
20141118_5077_S2 B 241404625-0004	1st floor bathroom - taping compound	White Non-Fibrous Homogeneous		45% Ca Carbonate 55% Non-fibrous (other)		None Detected
20141118_5077_S3 A 241404625-0005	1st floor hallway - plaster skim coat (white)	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)		None Detected
20141118_5077_S3 B 241404625-0006	1st floor hallway - plaster skim coat (white)	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)		None Detected
20141118_5077_S3 C 241404625-0007	1st floor hallway - plaster skim coat (white)	White Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)		None Detected

Analyst(s)

Erin Guzowski (6)

Lauren Brennan (12)

Kristin Lopez (10)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

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

Initial report from 11/25/2014 13:11:25

**EMSL Analytical, Inc.**

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

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

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

EMSL Order: 241404625

CustomerID: FSS93

CustomerPO:

ProjectID:

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

Hamden, CT 06517Project: **22214-5077 (WORTH)**

Phone: (203) 288-1281
 Fax: (203) 248-4409
 Received: 11/19/14 5:10 PM
 Analysis Date: 11/25/2014
 Collected: 11/18/2014

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

Sample	Description	Appearance	% Fibrous	<u>Non-Asbestos</u>		% Type
				Fibrous	Non-Fibrous	
20141118_5077_S4 A 241404625-0008	1st floor hallway - plaster base coat (grey)	Gray Non-Fibrous Homogeneous			35% Quartz 65% Non-fibrous (other)	None Detected
20141118_5077_S4 B 241404625-0009	1st floor hallway - plaster base coat (grey)	Gray Fibrous Homogeneous	<1% <1%	Cellulose Synthetic	30% Quartz 70% Non-fibrous (other)	None Detected
20141118_5077_S4 C 241404625-0010	1st floor hallway - plaster base coat (grey)	Gray Fibrous Homogeneous	<1%	Cellulose	25% Quartz 75% Non-fibrous (other)	None Detected
20141118_5077_S5 A 241404625-0011	Exterior - roof shingle	Black Fibrous Homogeneous	5%	Cellulose	95% Non-fibrous (other)	None Detected
20141118_5077_S5 B 241404625-0012	Exterior - roof shingle	Black Fibrous Homogeneous	15%	Cellulose	85% Non-fibrous (other)	None Detected
20141118_5077_S5 C 241404625-0013	Exterior - roof shingle	White/Black Fibrous Homogeneous	25%	Cellulose	75% Non-fibrous (other)	None Detected
20141118_5077_S6 A 241404625-0014	3rd floor - angled walls- sheetrock	White Fibrous Homogeneous	3% <1%	Cellulose Glass	97% Non-fibrous (other)	None Detected

Analyst(s)

Erin Guzowski (6)

Lauren Brennan (12)

Kristin Lopez (10)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

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

Initial report from 11/25/2014 13:11:25

**EMSL Analytical, Inc.**

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

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

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

EMSL Order: 241404625

CustomerID: FSS93

CustomerPO:

ProjectID:

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

Hamden, CT 06517Project: **22214-5077 (WORTH)**

Phone: (203) 288-1281
 Fax: (203) 248-4409
 Received: 11/19/14 5:10 PM
 Analysis Date: 11/25/2014
 Collected: 11/18/2014

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

Sample	Description	Appearance	% Fibrous	Non-Asbestos		% Type
				Fibrous	Non-Fibrous	
20141118_5077_S6 B 241404625-0015	3rd floor - angled walls- sheetrock	White Non-Fibrous Homogeneous	3%	Cellulose	97% Non-fibrous (other)	None Detected
20141118_5077_S6 C 241404625-0016	3rd floor - angled walls- sheetrock	White Fibrous Homogeneous	2%	Cellulose	30% Gypsum 68% Non-fibrous (other)	None Detected
20141118_5077_S7 A 241404625-0017	3rd floor - paper on yellow insulation	Brown/Black Fibrous Homogeneous	65% 5%	Cellulose Glass	30% Non-fibrous (other)	None Detected
20141118_5077_S7 B 241404625-0018	3rd floor - paper on yellow insulation	Brown/Black Fibrous Homogeneous	3% 65%	Glass Cellulose	32% Non-fibrous (other)	None Detected
20141118_5077_S7 C 241404625-0019	3rd floor - paper on yellow insulation	Brown/Black Fibrous Homogeneous	60% 5%	Cellulose Glass	35% Non-fibrous (other)	None Detected
20141118_5077_S8 A 241404625-0020	3rd floor - angled walls- taping compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected
20141118_5077_S8 B 241404625-0021	3rd floor - angled walls- taping compound	White Non-Fibrous Homogeneous			100% Non-fibrous (other)	None Detected

Analyst(s)

Erin Guzowski (6)

Lauren Brennan (12)

Kristin Lopez (10)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

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

Initial report from 11/25/2014 13:11:25

**EMSL Analytical, Inc.**

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

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

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

EMSL Order: 241404625

CustomerID: FSS93

CustomerPO:

ProjectID:

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

Hamden, CT 06517Project: **22214-5077 (WORTH)**

Phone: (203) 288-1281
 Fax: (203) 248-4409
 Received: 11/19/14 5:10 PM
 Analysis Date: 11/25/2014
 Collected: 11/18/2014

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

Sample	Description	Appearance	<u>Non-Asbestos</u>		<u>Asbestos</u>	
			%	Type	%	Type
20141118_5077_S8 C 241404625-0022	3rd floor - angled walls- taping compound	White Non-Fibrous Homogeneous	<1%	Cellulose	55% Ca Carbonate 45% Non-fibrous (other)	None Detected
20141118_5077_S9 A 241404625-0023	3rd floor bathroom - sheetrock	White Non-Fibrous Homogeneous	2%	Cellulose	98% Non-fibrous (other)	None Detected
20141118_5077_S9 B 241404625-0024	3rd floor bathroom - sheetrock	White Non-Fibrous Homogeneous	2%	Cellulose	98% Non-fibrous (other)	None Detected
20141118_5077_S9 C 241404625-0025	3rd floor bathroom - sheetrock	White Non-Fibrous Homogeneous	<1%	Cellulose	100% Non-fibrous (other)	None Detected
20141118_5077_S1 0A 241404625-0026	3rd floor bathroom - taping compound	White Fibrous Homogeneous	3%	Cellulose	97% Non-fibrous (other)	None Detected
20141118_5077_S1 0B 241404625-0027	3rd floor bathroom - taping compound	White Fibrous Homogeneous	2%	Cellulose	98% Non-fibrous (other)	None Detected
20141118_5077_S1 0C 241404625-0028	3rd floor bathroom - taping compound	White Non-Fibrous Homogeneous			50% Ca Carbonate 50% Non-fibrous (other)	None Detected

Analyst(s)

Erin Guzowski (6)

Lauren Brennan (12)

Kristin Lopez (10)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

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

Initial report from 11/25/2014 13:11:25

**Asbestos Chain of Custody**

EMSL Order Number (Lab Use Only):

241404625

EMSL Analytical, Inc.

29 North Plains Hwy

Unit 4

Wallingford, CT 06492

PHONE: (203) 284-5948

FAX: (203) 284-5978

Company: Facility Support Services, LLC		EMSL-Bill to: ☐ Different ☒ Same If Bill to is Different note instructions in Comments**	
Street: 2685 State Street		Third Party Billing requires written authorization from third party	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Kevin Bogue		Telephone #: 203-288-1281	
Email Address: KBogue.FSS@SNET.NET		Fax #: 203-248-4409	Purchase Order:
Project Name/Number: 22214-5077 (WORTH)		Please Provide Results: ☐ FAX ☒ E-mail ☐ Mail	
U.S. State Samples Taken: CT		Connecticut Samples: ☐ Commercial ☒ Residential	
Turnaround Time (TAT) Options* - Please Check			
☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☒ 1 Week ☐ 2 Week			
*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.			
PCM - Air ☐ Check if samples are from NY ☐ NIOSH 7400 ☐ w/ OSHA 8hr. TWA		TEM - Air ☐ 4-4.5hr TAT (AHERA only) ☐ AHERA 40 CFR, Part 763 ☐ NIOSH 7402 ☐ EPA Level II ☐ ISO 10312	
PLM - Bulk (reporting limit) ☒ PLM EPA 600/R-93/116 (<1%) ☐ PLM EPA NOB (<1%) Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%) Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%) ☐ NYS 198.1 (friable in NY) ☐ NYS 198.6 NOB (non-friable-NY) ☐ NIOSH 9002 (<1%)		TEM - Bulk ☐ TEM EPA NOB ☐ NYS NOB 198.4 (non-friable-NY) ☐ Chatfield SOP ☐ TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm ☐ Waste ☐ Drinking All Fiber Sizes ☐ Waste ☐ Drinking	
TEM - Dust ☐ Microvac - ASTM D 5755 ☐ Wipe - ASTM D6480 ☐ Carpet Sonication (EPA 600/J-93/167)		Soil/Rock/Vermiculite ☐ PLM CARB 435 - A (0.25% sensitivity) ☐ PLM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - B (0.1% sensitivity) ☐ TEM CARB 435 - C (0.01% sensitivity) ☐ TEM Qual. via Filtration Technique ☐ TEM Qual. via Drop-Mount Technique	
☐ Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): ☐ 0.8µm ☐ 0.45µm	
Samplers Name: Kevin Bogue		Samplers Signature: Kevin Bogue	
Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
	SEE ATTACHED		
Client Sample # (s): S1A	- S1AC	Total # of Samples: 28	
Relinquished (Client): Kevin Bogue	Date: 11/19/14	Time: 5:10	
Received (Lab):	Date:	Time:	
Comments/Special Instructions:			

241404625

FACILITY SUPPORT SERVICES, LLC

Asbestos Sampling Log

CLIENT: Facility Support Services

DATE: 11/18/14

LOCATION: 22214-5077

SAMPLED BY: Kevin Bogue

SAMPLE ID	LOCATION	DESCRIPTION
20141118-5077- S1A	1 st Floor Bathroom	Sheetrock
S1B	↓	↓
20141118-5077- S2A	1 st Floor Bathroom	Taping Compound
S2B	↓	↓
20141118-5077- S3A	1 st Floor Hallway	plaster skim coat (white)
S3B	↓	↓
S3C	↓	↓
20141118-5077- S4A	1 st Floor Hallway	plaster base coat (grey)
S4B	↓	↓
S4C	↓	↓
20141118-5077- S5A	exterior	Roof Shingle
S5B	↓	↓
S5C	↓	↓
20141118-5077- S6A	3 rd Floor	Angled walls - sheetrock
S6B	↓	↓
S6C	↓	↓
20141118-5077- S7A	3 rd Floor	paper board ^{on} yellow insulation
S7B	↓	↓
S7C	↓	↓



2 of 3

FACILITY SUPPORT SERVICES, LLC

Asbestos Sampling Log

CLIENT: Facility Support Services

DATE: 11/18/14

LOCATION: 22214-5077

SAMPLED BY: Kevin Bogue

[illegible]

3 of 3

2685 STATE ST. HAMDEN, CT 06517
PH: 203-288-1281 FAX: 203-248-4409

**EMSL Analytical, Inc.**

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

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

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

EMSL Order: 241404661

CustomerID: FSS93

CustomerPO:

ProjectID:

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

Hamden, CT 06517

Phone: (203) 288-1281
Fax: (203) 248-4409
Received: 11/21/14 4:45 PM
Analysis Date: 11/28/2014
Collected: 11/21/2014

Project: **22214-5077 (WORTH ST.)**

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	
20141121_5077_S1 A 241404661-0001	2nd floor hallway- white plaster skim coat	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
20141121_5077_S1 B 241404661-0002	2nd floor hallway- white plaster skim coat	White Non-Fibrous Homogeneous		100% Non-fibrous (other)		None Detected
20141121_5077_S1 C 241404661-0003	2nd floor hallway- white plaster skim coat	White Non-Fibrous Homogeneous		55% Ca Carbonate 45% Non-fibrous (other)		None Detected
20141121_5077_S2 A 241404661-0004	2nd floor hallway- grey plaster base coat	Gray/Tan Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)		None Detected
20141121_5077_S2 B 241404661-0005	2nd floor hallway- grey plaster base coat	Gray/Tan Non-Fibrous Homogeneous	<1% Cellulose	100% Non-fibrous (other)		None Detected
20141121_5077_S2 C 241404661-0006	2nd floor hallway- grey plaster base coat	Gray Non-Fibrous Homogeneous	<1% Cellulose	30% Quartz 70% Non-fibrous (other)		None Detected

Analyst(s)

Erin Guzowski (4)

Kristin Lopez (2)

Gloria V. Oriol, Laboratory Manager
or other approved signatory

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

Initial report from 12/01/2014 09:56:40

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

24140466

Wallingford, CT 06492

PHONE: (203) 284-5948

FAX: (203) 284-5978

Company: Facility Support Services, LLC		EMSL-Bill to: ☒ Same ☐ Different If Bill to is Different note instructions in Comments**	
Street: 2685 State Street		Third Party Billing requires written authorization from third party	
City: Hamden	State/Province: CT	Zip/Postal Code: 06517	Country: United States
Report To (Name): Kevin Bogue		Telephone #: 203-288-1281	
Email Address: kbogue.fss@snet.net		Fax #:	Purchase Order:
Project Name/Number: 22214-5077 (W04th St)		Please Provide Results: ☐ Fax ☒ Email ☐ Mail	
U.S. State Samples Taken: CT		CT Samples: ☐ Commercial/Taxable ☒ Residential/Tax Exempt	
Turnaround Time (TAT) Options* - Please Check			
☐ 3 Hour ☐ 6 Hour ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☐ 96 Hour ☒ 1 Week ☐ 2 Week			
*For TEM Air 3 hr through 6 hr, please call ahead to schedule. *There is a premium charge for 3 Hour TEM AHERA or EPA Level II TAT. You will be asked to sign an authorization form for this service. Analysis completed in accordance with EMSL's Terms and Conditions located in the Analytical Price Guide.			
PLM - Bulk (reporting limit)		TEM - Bulk	
☒ PLM EPA 600/R-93/116 (<1%)		☐ TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1	
☐ PLM EPA NOB (<1%)		☐ NY ELAP Method 198.4 (TEM)	
Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%)		☐ Chatfield Protocol (semi-quantitative)	
Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)		☐ TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2	
☐ NIOSH 9002 (<1%)		☐ TEM Qualitative via Filtration Prep Technique	
☐ NY ELAP Method 198.1 (friable in NY)		☐ TEM Qualitative via Drop Mount Prep Technique	
☐ NY ELAP Method 198.6 NOB (non-friable-NY)		Other	
☐ OSHA ID-191 Modified		☐	
☐ Standard Addition Method			
☐ Check For Positive Stop - Clearly Identify Homogenous Group		Date Sampled: 11/21/14	
Samplers Name: Kevin Bogue		Samplers Signature: Kevin Bogue	
Sample #	HA #	Sample Location	Material Description
20141121F-5077-S1A	1	2nd Floor Hallway	white plaster skim coat
-S1B	1	↓	↓
-S1C	1	↓	↓
20141121F-5077-S2A	2	2nd Floor Hallway	gray plaster base coat
-S2B	2	↓	↓
-S2C	2	↓	↓
Client Sample # (s): S1A - S2C		Total # of Samples: 6	
Relinquished (Client): Kevin Bogue		Date: 11:15 am	
Received (Lab):		Date:	
Comments/Special Instructions:			

ATTACHMENT E
LEAD ANALYTICAL DATA



STATE OF CONNECTICUT

DEPARTMENT OF PUBLIC HEALTH

LEAD INSPECTION AND TESTING SUMMARY FORM

This lead inspection and testing summary form must be completed and sent to the property owner of the property in accordance with Section 19a-111-3 (d) of the regulations of Connecticut State Agencies concerning Lead Poisoning Prevention and Control. A Comprehensive Lead Inspection is one performed to satisfy CGS 19a-111 (epidemiological investigation) and CGS 19a-110(d) (on-site inspection). Bare soil areas, dust and water are required to be tested for the presence of lead as part of a comprehensive lead inspection.

PROPERTY INSPECTED/TESTED

(Check): Residence ☒ Child Day Care Center/Group Day Care Home ☐ Family Day Care Home ☐
Name: _____ Name: _____
(Check One): Comprehensive Lead Inspection ☐ Limited Testing ☒
Street Address: 71 - 73 Worth Street Apt.# 1,2,3 Floor: 1st,2nd, 3rd
City/Town: Bridgeport Zip Code: 06604 Telephone: _____
If Apartment, Number of Units: 3 Year Property Built: 1899

PROPERTY OWNER

Name: Rosanna Nadal
Street Address: 10 Beal Street City: Stamford
State: CT Zip Code: 06902 Telephone: 203-554-3401

INSPECTING ENTITY

A. If Consultant Contractor:

Name: Gilbertco Lead INspections LLC
Street Address: 287 Main Street
City: Ansonia State: CT Zip Code: 06401
Consultant License Number: CC270
Inspector's Name: Maureen Monaco Telephone: 1-800-959-2985
Inspector's Certification Number: IR 1172

B. If Code Enforcement Agency:

Department Name: _____
Street Address: _____
City: _____ State: _____ Zip Code: _____
Inspector's Name: _____ Telephone: _____
Date of Inspector's Initial Training: ____/____/____ Date of Latest Refresher Training: ____/____/____

INSPECTION INFORMATIONBeginning and End Date(s) of Inspection: 11 / 18 / 14

For each day that the inspection was conducted consent was given by an adult occupant of the dwelling unit to enter and inspect all areas of the dwelling that are under the control of that individual or to which that individual has legitimate access.

☒ Yes ☐ NoName of person 18 years of age or older who granted consent: Rosanna Nadal Age: 18+ Date: 11/18/14

Name of person 18 years of age or older who granted consent: _____ Age: _____ Date: _____

A. Were Lead-Based Surfaces Identified? (Check One) ☐ Yes ☐ NoIf yes, complete the tables below. Data in tables may not indicate all identified lead-based surfaces.

EXTERIOR Lead-Based Surfaces	Foundation	Siding &/or Trim	Stairs &/or Stair Components	Porch &/or Porch Components	Doors &/or Trim	Windows &/or Trim	Garage &/or Garage Components
Deteriorated	☐	☒	☐	☒	☒	☒	☐
Intact	☐	☒	☐	☒	☒	☒	☐

(X = positive location)

INTERIOR Lead-Based Surfaces	Floors	Baseboards	Walls	Ceilings	Stairs &/or Stair Components	Doors &/or Trim	Windows &/or Trim	Closet/ Cabinet Components
Deteriorated	☐	☐	☒	☒	☐	☒	☒	☐
Intact	☐	☐	☒	☒	☐	☒	☒	☐

(X = positive location)

Were rooms, areas or components inaccessible during inspection? (Check One) ☐ Yes ☐ NoList any inaccessible locations: Basement, exterior front porch, soffits**B. Indicate Potential Lead Hazards Identified:**

(Check All That Apply)

Was drinking water tested for lead?

☐ Yes ☒ No

Was dust tested for lead?

☐ Yes ☒ No

Was bare soil tested for lead?

☐ Yes ☒ No ☐ N/A If yes, complete the adjacent table.

Lead Hazard Locations	Floors (dust)	Window Sills (dust)	Window Wells (dust)	Soil	Water	Paint (XRF)	Paint Chip
(Enter highest result for each)						<9.9	

Per section 19a-111-4(a) and 19a-111-2(e) of the Lead Poisoning Prevention and Control Regulations:

A lead abatement plan is required for this property: ☒ Yes ☐ NoA lead management plan is required for this property: ☒ Yes ☐ NoA lead hazard remediation plan is required for this property: ☐ Yes ☐ NoA lead management plan is required for this property: ☐ Yes ☐ NoInspector's Signature: Maura M... Date: 11/18/2014

The federal Residential Lead-Based Paint Hazard Reduction Act, 42 U.S.C. 4852d, requires sellers and landlords of most residential housing built before 1978 to disclose all available records and reports concerning lead-based paint and/or lead-based paint hazards, including the test results contained or referenced in this notice, to purchasers and tenants at the time of sale or lease or upon lease renewal. This disclosure must occur even if hazard reduction or abatement has been completed. Failure to disclose these test results is a violation of the U.S. Department of Housing and Urban Development and the U.S. Environmental Protection Agency regulations at 24 CFR Part 35 and 40 CFR Part 745 and can result in a fine of up to \$11,000 per violation. To find out more information about your obligations under federal lead-based paint requirements, call 1-800-424-LEAD.

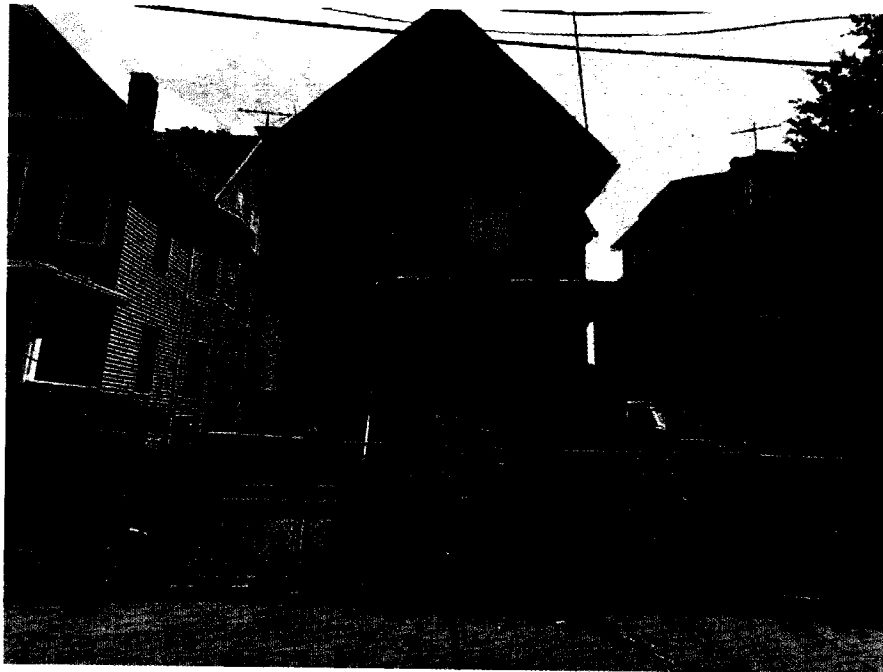
I have received a copy of this summary report from my landlord/property manager and have been informed that I can obtain further information about the testing results from the report by contacting the property owner listed above.

Resident's Signature: 7 Date: ____/____/____

1-7-14

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

**71- 73 WORTH STREET
BRIDGEPORT, CONNECTICUT**



DATE:

November 18, 2014

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



GILBERTCO

LEAD INSPECTIONS, LLC

“LEAD BASED PAINT SPECIALIST”

November 18, 2014

Job 9928-1118

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

Re: Lead Based Paint Inspection: 71-73 Worth Street, Bridgeport, Connecticut

Gilbertco Lead Inspections LLC performed a limited XRF inspection for the presence of lead based paint at 71-73 Worth Street, Bridgeport, Connecticut. The inspection was requested by Facility Support Services in response to acceptance in to the State of Connecticut Department of Housing Community Block Grant Disaster Recovery Program.

The site inspected consists of a three story, three family home built about 1899. The home is in fair repair and enjoys fair housekeeping. The exterior is has some newer vinyl siding on the third floor and painted siding on the second and third floors. A few windows have been replaced with vinyl replacements. There is a child under the age of six currently residing on the second floor.

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

In regards to the above mentioned property, several areas and most windows were found to have a lead based paint hazards. A lead based paint hazard is “any condition that causes exposure from lead-contaminated dust, lead contaminated soil, or lead-contaminated paint that is deteriorated or present in accessible surfaces, friction surfaces, or impact surfaces that would result in adverse human health effects...”. (The Residential Lead Based Paint Hazard Reduction Act of 1992 – Title X). Several areas were found to have lead based paint but are currently in an intact condition. These areas should be placed on a lead monitoring and maintenance plan (attached). In April 2010, a new EPA regulation requires that any contractor who disturbs more than six square feet of painted surface per room or does window replacement must be certified as a Renovate Right Contractor. Homeowners are allowed to do their own renovation but are not exempt from providing renovation notices or posting informational signs. Further information regarding Renovate Right may be obtained at www.epa.gov/lead/pubs/renovation or by calling the National Lead Information Center at 1-800-424-LEAD (5323).

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

Residential properties receiving more than \$25,000 in CDBG-DR assistance require abatement of lead based paint hazards. There is a child under six in residence and therefore notification to the local and state health departments will be made and a formal abatement plan will be written. No work will commence until the plan is approved by the local health department.

Although soil was not tested for lead, it can be presumed positive unless proven otherwise. Vegetable plants should not be planted near the perimeter of the house or in water runoff areas. Children should not be allowed to play in bare soil areas adjacent to the house. Asphalt, bushes, mulch, or good quality grass covering are acceptable deterrents. There is a bare soil area exposed on the right rear side of the home.

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: 71- 73 WORTH STREET
BRIDGEPORT, CONNECTICUT

PROJECT NUMBER: 1118

TEST DATE: NOVEMBER 18, 2014

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

INSTRUMENTATION: LPA-1 SERIAL NUMBER L7-643 (PROTEC)
FLUOROSCOPE SPECTRUM ANALYZER
(XRF) COBALT 57 SOURCE

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

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

OPERATORS CERTIFICATION: LEAD CONSULTANT CONTRACTOR-CC270
LEAD INSPECTOR RISK ASSESSOR- IR 1172
LEAD ABATEMENT SUPERVISOR- 2383
LEAD PLANNER/PROJECT DESIGNER -2152
MT(ASCP)- BS- Medical Technology
CLS- Clinical Laboratory Scientist

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

maurice mmau 11/18/2014

73 Worth Street, First Floor, Bridgeport, Connecticut
November 18, 2014

Reading	Room #	Room Name	Side	Component	Condition	Substrate	mg/cm2	Decision
1	1	Front BR	2	Door	Intact	Wood	0	Negative
2	1	Front BR	2	Door Jamb	Defective	Wood	0.1	Negative
3	1	Front BR	2	Door Casing	Defective	Wood	0	Negative
4	1	Front BR	2	Wall	Intact	Plaster	0.2	Negative
5	1	Front BR	3	Wall	Intact	Plaster	0	Negative
6	1	Front BR	3	Door	Intact	Wood	0.4	Negative
7	1	Front BR	4	Wall	Intact	Dry wall	0	Negative
8	1	Front BR	4	Baseboard	Intact	Wood	0.3	Negative
9	1	Front BR	4	Ceiling	Defective	Dry wall	0.1	Negative
10	1	Front BR	1	Window Sill/stool	Intact	Wood	0.3	Negative
11	1	Front BR	1	Window Sash	Intact	Wood	0.4	Negative
12	1	Front BR	1	Window Trim	Intact	Wood	0.3	Negative
13	1	Front BR	1	Window Apron	Intact	Wood	0.1	Negative
14	1	Front BR	1	Window Jamb	Intact	Wood	0	Negative
15	1	Front BR	1	Window Wall/brough	Defective	Wood	9.9	Positive
16	1	Front BR	1	Window Jamb	Defective	Wood	9.9	Positive
17	1	Front BR	1	Window Sash	Defective	Wood	0.5	Negative
18	1	Front BR	1	Floor	Intact	Wood	-0.2	Negative
19	2	Foyer	1	Front entry Door	Intact	Wood	0.1	Negative
20	2	Foyer	1	Door Casing	Intact	Wood	0.1	Negative
21	2	Foyer	2	Wall	Intact	Dry wall	0	Negative
22	2	Foyer	2	Baseboard	Intact	Wood	0.1	Negative
23	2	Foyer	4	Door Jamb	Intact	Wood	-0.1	Negative
24	2	Foyer	4	Door Casing	Intact	Wood	0.2	Negative
25	2	Foyer	4	Wall	Intact	Dry wall	-0.1	Negative
26	2	Foyer	3	Wall	Intact	Dry wall	-0.1	Negative
27	2	Foyer	4	Door	Intact	Wood	0	Negative
28	2	Foyer	4	Door Jamb	Defective	Wood	0.1	Negative
29	2	Foyer	4	Door Casing	Defective	Wood	-0.2	Negative
30	3	Dining Room	1	Wall	Defective	Dry wall	0	Negative
31	3	Dining Room	1	Door Casing	Defective	Wood	0	Negative
32	3	Dining Room	1	Door Jamb	Defective	Wood	0	Negative
33	3	Dining Room	1	Wall	Intact	Dry wall	-0.1	Negative
34	3	Dining Room	1	Window Sill/stool*	Intact	Wood	0.1	Negative
35	3	Dining Room	1	Window Trim*	Defective	Wood	0.3	Negative
36	3	Dining Room	1	Window Apron*	Intact	Wood	0	Negative
				*vinyl sash				
37	3	Dining Room	4	Wall	Intact	Dry wall	0	Negative
38	3	Dining Room	4	Baseboard	Intact	Wood	0.3	Negative
39	3	Dining Room	4	Floor	Intact	Wood	0	Negative
40	3	Dining Room	4	Window Sash	Intact	Wood	-0.2	Negative
41	3	Dining Room	2	Door	Intact	Wood	0.3	Negative
42	3	Dining Room	2	Door Jamb	Intact	Wood	0.1	Negative

**73 Worth Street, First Floor, Bridgeport, Connecticut
November 18, 2014**

43	3	Dining Room	2	Door Casing	Intact	Wood	0.3	Negative
44	3	Dining Room	2	Wall	Intact	Dry wall	0.3	Negative
45	3	Dining Room	2	Ceiling	Intact	Dry wall	0.2	Negative
46	3	Dining Room	2	Cabinet	Intact	Wood	0.3	Negative
47	3	Dining Room	3	Wall	Intact	Plaster	0	Negative
48	3	Dining Room	3	Door Casing	Intact	Wood	0.3	Negative
49	3	Dining Room	3	Door Jamb	Defective	Wood	0.1	Negative
50	4	Kitchen	3	Door Casing	Defective	Wood	2.2	Positive
51	4	Kitchen	1	Wall	Defective	Dry wall	9.9	Positive
52	4	Kitchen	2	Wall	Defective	Dry wall	9.9	Positive
53	4	Kitchen	3	Wall	Defective	Dry wall	9.9	Positive
54	4	Kitchen	4	Wall	Defective	Dry wall	7.3	Positive
55	4	Kitchen	4	Wall	Defective	Wood	1.8	Positive
56	4	Kitchen	3	Wall	Defective	Wood	1	Inconclusive
57	4	Kitchen	2	Wall	Defective	Wood	1.3	Positive
58	4	Kitchen	2	Door Casing	Defective	Wood	1.5	Positive
59	4	Kitchen	2	Door Jamb	Defective	Wood	1.7	Positive
60	4	Kitchen	4	Window Sill/stool*	Defective	Wood	2	Positive
61	4	Kitchen	4	Window Trim*	Defective	Wood	1.4	Positive
62	4	Kitchen	4	Window Stop*	Defective	Wood	1.6	Positive
				*vinyl sash				
63	4	Kitchen	4	Floor	Defective	Wood	-0.2	Negative
64	4	Kitchen	4	Ceiling	Intact	Dry wall	0.3	Negative
65	4	Kitchen	3	Door	Intact	Wood	1.2	Positive
66	4	Kitchen	3	Door Casing	Intact	Wood	1.6	Positive
67	5	Pantry	1	Door	Intact	Wood	0.7	Negative
68	5	Pantry	1	Door Jamb	Intact	Wood	0.6	Negative
69	5	Pantry	1	Door Casing	Defective	Wood	9.4	Positive
70	5	Pantry	1	Door Casing	Defective	Wood	3	Positive
71	5	Pantry	2	Wall	Intact	Dry wall	0.2	Negative
72	5	Pantry	3	Wall	Intact	Dry wall	0.1	Negative
73	5	Pantry	4	Wall	Intact	Dry wall	-0.1	Negative
74	5	Pantry	3	Window Trim *	Intact	Wood	2.8	Positive
75	5	Pantry	3	Window Sill/stool*	Intact	Wood	3	Positive
				*vinyl sash				
76	5	Pantry	1	Wall	Intact	Dry wall	-0.1	Negative
77	5	Pantry	4	Closet Shelf	Intact	Wood	0	Negative
78	6	Front BR	3	Door	Intact	Wood	1	Inconclusive
79	6	Front BR	3	Door Jamb	Defective	Wood	0.6	Negative
80	6	Front BR	3	Door Casing	Defective	Wood	0.1	Negative
81	6	Front BR	3	Wall	Intact	Dry wall	0	Negative
82	6	Front BR	4	Wall	Intact	Dry wall	0	Negative
83	6	Front BR	1	Wall	Intact	Dry wall	-0.2	Negative
84	6	Front BR	2	Wall	Intact	Dry wall	-0.1	Negative

**73 Worth Street, First Floor, Bridgeport, Connecticut
November 18, 2014**

85	6	Front BR	1	Baseboard	Defective	Wood	0.1	Negative
86	6	Front BR	1	Closet Door	Intact	Wood	0.2	Negative
87	6	Front BR	1	Clo Dr Csng	Defective	Wood	0.1	Negative
88	6	Front BR	1	Closet Shelf	Intact	Wood	-0.1	Negative
89	6	Front BR	1	Shelf Support	Intact	Wood	0	Negative
90	6	Front BR	1	Wall	Intact	Dry wall	0.1	Negative
91	6	Front BR	1	Window Sill/stool	Intact	Wood	0.1	Negative
92	6	Front BR	1	Window Trim	Intact	Wood	0.1	Negative
93	6	Front BR	1	Window Apron	Intact	Wood	0.4	Negative
94	6	Front BR	1	Window Sash	Intact	Wood	0.1	Negative
95	7	Bathroom	4	Door	Intact	Wood	1	Inconclusive
96	7	Bathroom	4	Door Jamb	Intact	Wood	0	Negative
97	7	Bathroom	4	Door Casing	Intact	Wood	0	Negative
98	7	Bathroom	4	Wall	Defective	Dry wall	-0.2	Negative
99	7	Bathroom	1	Wall	Defective	Dry wall	-0.3	Negative
100	7	Bathroom	3	Wall	Defective	Dry wall	0	Negative
101	7	Bathroom	2	Window Trim	Defective	Wood	0.2	Negative
102	7	Bathroom	3	Baseboard	Defective	Wood	-0.1	Negative
103	7	Bathroom	3	Ceiling	Defective	Dry wall	-0.3	Negative
104	8	Rear BR	1	Door	Intact	Wood	0.1	Negative
105	8	Rear BR	1	Door Jamb	Intact	Wood	0.1	Negative
106	8	Rear BR	1	Door Casing	Intact	Wood	0.1	Negative
107	8	Rear BR	1	Wall	Defective	Dry wall	-0.2	Negative
108	8	Rear BR	2	Wall	Defective	Dry wall	0	Negative
109	8	Rear BR	3	Wall	Defective	Dry wall	-0.1	Negative
110	8	Rear BR	4	Wall	Defective	Dry wall	0.2	Negative
111	8	Rear BR	4	Baseboard	Intact	Wood	0.3	Negative
112	8	Rear BR	4	Closet Door	Intact	Wood	-0.1	Negative
113	8	Rear BR	4	Clo Dr Csng	Defective	Wood	0.1	Negative
114	8	Rear BR	4	Closet Shelf	Intact	Wood	0.1	Negative
115	8	Rear BR	4	Shelf Support	Intact	Wood	0	Negative
116	8	Rear BR	3	Window Sill	Intact	Wood	0	Negative
117	8	Rear BR	3	Window Sash	Defective	Wood	0	Negative
118	8	Rear BR	3	Window Trim	Defective	Wood	0.2	Negative
119	8	Rear BR	3	Window Jamb	Defective	Wood	0.2	Negative
120	8	Rear BR	3	Window Sash	Defective	Wood	-0.1	Negative
121	8	Rear BR	3	Window Apron	Defective	Wood	0.3	Negative
122	8	Rear BR	3	Baseboard	Intact	Wood	0.1	Negative
123	8	Rear BR	3	Floor	Intact	Wood	-0.2	Negative
124	8	Rear BR	3	Ceiling	Intact	Dry wall	-0.2	Negative
125	9	Hall outside bath	4	Ceiling	Defective	Dry wall	9.9	Positive
126	9	Hall outside bath	4	Wall	Defective	Dry wall	9.9	Positive
127	9	Hall outside bath	2	Wall	Defective	Dry wall	9.9	Positive

**73 Worth Street, Second Floor and Exterior, Bridgeport, Connecticut
November 18, 2014**

Reading	Room #	Room Name	Side	Component	Condition	Substrate	mg/cm2	Decision
175	15	Front stairs/entr	2	Wall	Intact	Dry wall	0.1	Negative
176	15	Front stairs/entr	1	Wall	Intact	Dry wall	0.3	Negative
177	15	Front stairs/entr	4	Wall	Intact	Dry wall	0.1	Negative
178	15	Front stairs/entr	4	Baseboard	Intact	Wood	0.2	Negative
179	15	Front stairs/entr	4	Floor	Intact	Wood	-0.1	Negative
180	15	Front stairs/entr	4	Stair Railing	Intact	Wood	0.1	Negative
181	15	Front stairs/entr	4	Stair Spindle	Intact	Wood	0.2	Negative
182	15	Front stairs/entr	4	Newel Post	Intact	Wood	0.1	Negative
183	16	Front Bedroom	4	Wall	Intact	Dry wall	-0.1	Negative
184	16	Front Bedroom	3	Wall	Intact	Dry wall	0	Negative
185	16	Front Bedroom	1	Wall	Intact	Dry wall	0.3	Negative
186	16	Front Bedroom	1	Window Trim	Intact	Wood	0.3	Negative
187	16	Front Bedroom	1	Window Sill /stool	Intact	Wood	0	Negative
188	16	Front Bedroom	2	Window Sill /stool	Intact	Wood	-0.2	Negative
189	16	Front Bedroom	2	Ceiling	Defective	Plaster	0.3	Negative
190	16	Front Bedroom	3	Door	Intact	Wood	0.2	Negative
191	16	Front Bedroom	3	Door Jamb	Intact	Wood	0.1	Negative
192	16	Front Bedroom	3	Door Casing	Intact	Wood	0.2	Negative
1	1	Living Room	1	Wall	Intact	Dry wall	0	Negative
2	1	Living Room	2	Wall	Intact	Dry wall	0	Negative
3	1	Living Room	2	Ceiling	Intact	Dry wall	-0.1	Negative
4	1	Living Room	3	Wall	Intact	Dry wall	0	Negative
5	1	Living Room	4	Wall	Intact	Dry wall	0	Negative
6	1	Living Room	2	Door Casing	Intact	Wood	0	Negative
7	2	Kitchen	1	Wall	Intact	Dry wall	9.9	Positive
8	2	Kitchen	2	Wall	Intact	Dry wall	9.9	Positive
9	2	Kitchen	3	Wall	Intact	Dry wall	9.9	Positive
10	2	Kitchen	4	Wall	Intact	Dry wall	9.9	Positive
11	2	Kitchen	4	Wall	Intact	Wood	0.5	Negative
12	2	Kitchen	4	Window Sill/stool	Intact	Wood	0.4	Negative
13	2	Kitchen	4	Window Trim	Intact	Wood	0.7	Negative
14	2	Kitchen	4	Ceiling	Intact	Dry wall	9.9	Positive
15	2	Kitchen	3	Door Casing	Intact	Wood	0.4	Negative
16	3	Pantry	2	Wall	Intact	Dry wall	0.1	Negative
17	3	Pantry	4	Wall	Intact	Dry wall	0.1	Negative
18	3	Pantry	4	Closet Shelf	Intact	Wood	-0.2	Negative
19	3	Pantry	3	Cabinet	Intact	Wood	2.4	Positive
20	4	Bedroom	4	Wall	Intact	Dry wall	-0.1	Negative
21	4	Bedroom	1	Wall	Intact	Dry wall	-0.2	Negative
22	4	Bedroom	2	Wall	Intact	Dry wall	0	Negative

73 Worth Street, Second Floor and Exterior, Bridgeport, Connecticut

November 18, 2014

23	4	Bedroom	2	Window Trim	Intact	Wood	0	Negative
24	4	Bedroom	2	Floor	Intact	Wood	-0.1	Negative
25	4	Bedroom	3	Wall	Intact	Dry wall	0	Negative
26	4	Bedroom	3	Baseboard	Intact	Wood	0.1	Negative
27	4	Bedroom	3	Door	Intact	Wood	0.4	Negative
28	4	Bedroom	3	Door Jamb	Intact	Wood	0.5	Negative
29	5	Bathroom	4	Door	Intact	Wood	0.2	Negative
30	5	Bathroom	4	Door Jamb	Defective	Wood	-0.1	Negative
31	5	Bathroom	4	Door Casing	Intact	Wood	0.1	Negative
32	5	Bathroom	4	Wall	Intact	Dry wall	0.1	Negative
33	5	Bathroom	1	Wall	Intact	Dry wall	0	Negative
34	5	Bathroom	3	Wall	Intact	Dry wall	-0.1	Negative
35	5	Bathroom	3	Baseboard	Intact	Wood	-0.1	Negative
36	5	Bathroom	3	Ceiling	Intact	Dry wall	0	Negative
37	6	Rear Bedroom	1	Wall	Intact	Dry wall	-0.1	Negative
38	6	Rear Bedroom	2	Wall	Intact	Dry wall	0	Negative
39	6	Rear Bedroom	3	Wall	Intact	Dry wall	-0.4	Negative
40	6	Rear Bedroom	4	Wall	Intact	Dry wall	0	Negative
41	6	Rear Bedroom	4	Closet Door	Intact	Wood	-0.2	Negative
42	6	Rear Bedroom	4	Closet Dr Csng	Intact	Wood	-0.1	Negative
43	6	Rear Bedroom	4	Ceiling	Intact	Dry wall	-0.2	Negative
44	6	Rear Bedroom	4	Window Trim	Intact	Wood	0	Negative
45	7	Exterior	3	Door	Defective	Wood	9.9	Positive
46	7	Exterior	3	Door Jamb	Defective	Wood	9.9	Positive
47	7	Exterior	3	Threshold	Defective	Wood	9.9	Positive
48	7	Exterior	3	Door Casing	Defective	Wood	9.9	Positive
49	7	Exterior	3	Wall	Defective	Wood	9.9	Positive
50	7	Exterior	3	Post/column	Defective	Wood	0.5	Negative
51	7	Exterior	3	Post/column	Defective	Wood	0.7	Negative
52	7	Exterior	3	Window Trim	Defective	Wood	9.9	Positive
53	7	Exterior	3	Window Sill/stool	Defective	Wood	9.9	Positive
54	7	Exterior	3	Bilco Door	Defective	Metal	0.5	Negative
55	7	Exterior	2	Wall	Defective	Metal	9.9	Positive
56	7	Exterior	1	Floor	Defective	Wood	9.9	Positive
57	7	Exterior	1	Door	Intact	Wood	9.9	Positive
58	7	Exterior	1	Door Casing	Defective	Wood	9.9	Positive
59	7	Exterior	1	Door Casing	Defective	Wood	9.9	Positive
60	7	Exterior	1	Threshold	Defective	Wood	9.9	Positive

**73 Worth Street, Third Floor, Bridgeport, Connecticut
November 18, 2014**

Reading	Room #	Room Name	Side	Component	Condition	Substrate	mg/cm2	Decision
128	10	Front BR	1	Wall	Intact	Dry wall	-0.3	Negative
129	10	Front BR	2	Wall	Intact	Dry wall	-0.5	Negative
130	10	Front BR	3	Wall	Intact	Dry wall	-0.1	Negative
131	10	Front BR	4	Wall	Intact	Dry wall	0	Negative
132	10	Front BR	4	Ceiling	Intact	Dry wall	0.1	Negative
133	10	Front BR	1	Window Sill/stool	Defective	Wood	-0.2	Negative
134	10	Front BR	1	Window Sash	Defective	Wood	-0.2	Negative
135	10	Front BR	1	Window Sash	Defective	Wood	9.9	Positive
136	10	Front BR	1	Window Sash	Defective	Wood	9.9	Positive
137	10	Front BR	1	Baseboard	Intact	Wood	0	Negative
138	10	Front BR	1	Door	Intact	Wood	0.2	Negative
139	10	Front BR	1	Door Jamb	Intact	Wood	-0.3	Negative
140	10	Front BR	1	Door Casing	Intact	Wood	-0.1	Negative
141	11	Living Rm	1	Wall	Intact	Dry wall	-0.2	Negative
142	11	Living Rm	2	Wall	Intact	Dry wall	-0.1	Negative
143	11	Living Rm	4	Wall	Intact	Dry wall	-0.3	Negative
144	11	Living Rm	3	Wall	Intact	Dry wall	0	Negative
145	11	Living Rm	3	Ceiling	Intact	Dry wall	-0.2	Negative
146	11	Living Rm	3	Window Sill/stool	Defective	Wood	0.1	Negative
147	11	Living Rm	3	Window Sash	Defective	Wood	0	Negative
148	11	Living Rm	3	Window Casing	Defective	Wood	-0.2	Negative
149	11	Living Rm	3	Door Casing	Intact	Wood	0.3	Negative
150	12	Bathroom	4	Door Casing	Intact	Wood	4.6	Positive
151	12	Bathroom	4	Door Casing	Intact	Wood	-0.1	Negative
152	12	Bathroom	4	Door	Intact	Wood	4.9	Positive
153	12	Bathroom	4	Door Casing	Intact	Wood	-0.2	Negative
154	12	Bathroom	1	Wall	Intact	Dry wall	-0.2	Negative
155	12	Bathroom	2	Wall	Intact	Dry wall	-0.1	Negative
156	12	Bathroom	3	Wall	Intact	Dry wall	-0.1	Negative
157	12	Bathroom	4	Wall	Intact	Dry wall	0.2	Negative
158	12	Bathroom	2	Window Trim	Intact	Wood	0	Negative
159	12	Bathroom	2	Ceiling	Intact	Dry wall	-0.1	Negative
160	12	Bathroom	2	Cabinet	Intact	Wood	-0.2	Negative
161	13	Rear Bedroom	1	Door	Intact	Wood	0	Negative
162	13	Rear Bedroom	1	Door Jamb	Intact	Wood	0	Negative
163	13	Rear Bedroom	1	Door Casing	Intact	Wood	0.2	Negative
164	13	Rear Bedroom	1	Wall	Intact	Dry wall	0.3	Negative
165	13	Rear Bedroom	2	Wall	Intact	Dry wall	-0.2	Negative
166	13	Rear Bedroom	3	Wall	Intact	Dry wall	0	Negative
167	13	Rear Bedroom	4	Wall	Intact	Dry wall	0.1	Negative
168	13	Rear Bedroom	4	Ceiling	Intact	Dry wall	-0.2	Negative

73 Worth Street, Third Floor, Bridgeport, Connecticut
November 18, 2014

[illegible]

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

A. Background Information

Date Plan Submitted: November 26, 2014

Address of Property: 71-73 Worth Street, Bridgeport, CT

Plan Prepared by: Owner ☐ Planner Project Designer ☒

Lead Planner / Project Designer

Name: Maureen Monaco Certificate: 2152

Telephone: 1-800-959-2985

Address: 287 Main Street, Ansonia, CT 06401

Inspection Report Used to Develop Abatement Plan

Date of Inspection: November 18, 2014

Consultant Contractor: Gilbertco Lead Inspections LLC, 287 Main Street, Ansonia, CT 06401 Consultant Contractor # 270

Telephone- 1-800-959-2985

Inspectors: Maureen Monaco- Lead Inspector Risk Assessor #1172

B. Owner Information

Name: Rosanna Nadal

Address: 10 Beal Street, Stamford, Ct 06902

Telephone: 1-203-554-34

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

C. Resident Information

1st Floor- Jaime Berra (Spanish speaking) 1-203-953-4603

2nd Floor- Jose Mendez- 1-203-583-9391

3rd Floor- vacant

Number of Children under six years old: one- 5 year old girl- Second Floor

Will residents be relocated? Yes ☐ No ☒

D. Abatement Contractor Information

Who will conduct abatement? Owner ☐ Abatement Contractor ☒

Abatement contractor will submit all licenses and certifications of the company and individuals working on the property and give written notice to the Bridgeport Health Department at least five days prior to commencing the project.

This is a Department of Housing and Urban Development Project receiving Storm Sandy Disaster Recovery funds and therefore must go out to bid. Abatement Contractor to be determined.

E. Repairs prior to Abatement

Please Note:

- Water leaks: Must be corrected prior to abatement regardless of the method of abatement. Uncorrected water leaks can cause encapsulating

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

material to fail if the underlying lead painted surface deteriorates. Moisture can also cause paint on stripped surface (and unabated surface) to fail and expose lead residue that may remain on the substrate after stripping by heat, caustic chemicals, solvents or scraping.

- Heating Systems: Inadequate heat after abatement may lead to failure of encapsulants and paint. Therefore heating systems must be repaired. Prior to abatement, forced air systems must be shut down and sealed to prevent transport of lead contamination from the abatement area to other areas of the residence.

What Components or Mechanical Systems Need To Be Repaired Prior To Abatement?

- ☒ Water leaks- Soffit repair, Roof replacement , chimney repair and flashing
- ☐ Heating Systems-
- ☐ Electrical Systems
- ☐ Any other conditions that require repair so as not to impede abatement.
- ☐ No prior repairs required

F. Abatement Techniques To Be Used

Identify which abatement techniques will be used on the attached forms. The three general strategies for lead paint abatement are removal, replacement, and encapsulation. See attached relevant forms.

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

A. Removal (REM): stripping of paint

B. Replacement (REP): Architectural replacement components shall conform with all contract requirements and specifications. Product submittal shall conform with requirements of Section 01 33 00-Submittal Procedures.

C. BARRIER: (BAR): enclosure using approved materials such as siding or sheetrock.

D. Liquid Encapsulation: (LENCAP) : Use of Connecticut approved encapsulant; technical information and MSDS attached.

E. Cementitious Encapsulation (CENCAP): provide technical information

* Note: If rigid, liquid or cementitious encapsulants are to be used, the associated surfaces must be periodically monitored in the future per a schedule that is established within a lead management plan. Additionally liquid and cementitious encapsulants must be authorized for use by the Connecticut Department of Public Health (DPH) and listed on the DPH registry of Authorized Encapsulant Products.

Paint Removal means the stripping of lead paint from the surfaces of components. The following are some of the paint removal processes that can be used; chemical stripping, mechanical stripping, and wet scraping/wet sanding.

- **Chemical stripping:** there are a variety of paint removal products that are available from various manufacturers. Commonly the stripper is applied to the building component and later removed by manual scraping. All paint layers must be removed. Follow manufacturer's direction on how to apply such products.
- **Mechanical stripping:** This technique requires the use of power tools. Examples of such equipment are: needle guns, vibrating, belt, and rotary sanders. Abrasive blasting equipment and other types of impact strippers

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

that employ the use of steel studs of different sizes and shapes, that rotate in an enclosed head to impact the painted surface. See manufacturer instructions on how to use this equipment. (Note: Mechanically powered abatement equipment requires the use of HEPA-equipped vacuum attachments to remove dust generated during the use of the equipment).

- **Wet Scraping/wet sanding.** Wet scraping or wet sanding manually removes loose and peeling lead paint. Paint chips and dust that are generated during these procedures, must be controlled, to avoid further distribution of contaminants to adjacent areas. Wet Scraping and sanding involves misting the peeling paint before scraping or sanding, and thus reducing the amount of lead dust that is generated during these processes. Surfactants (wetting agents) may be added to the water to facilitate cleanup.
- **Heat Gun:** This removal technique involves the softening of the paint with a heat gun and then scraping the paint off. To prevent vaporization of the lead contained in the paint, the temperature of the heat gun must not exceed 700 degrees Fahrenheit per DPH regulations.

Replacement means the removal of components such as windows, doors and trim that have lead painted surfaces and the installation of new components that are free of lead containing paint. Replacement may be feasible for many exterior and interior architectural components.

Encapsulation refers to the processes that make lead paint inaccessible, by covering or sealing lead painted surfaces. If the lead paint is peeling or deteriorating then some wet scraping and/or wet sanding is necessary prior to encapsulation. The following are some types of rigid encapsulation materials: gypsum dry wall, fiberglass, wool and vinyl siding. Seams must be sealed to prevent the escape of lead dust. Liquid and cementitious encapsulants must be

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

listed on the DPH registry of Authorized Encapsulant Products, to be considered for use.

The following cannot be used as encapsulants:

- A new coat of paint or primer
- Wall paper coverings
- Contact paper

Any area that is to be abated must be properly contained with materials such as 6 mil polyethylene sheeting to prevent further contamination of the dwelling or environment and to facilitate post abatement cleanup.

G. Dates of Abatement Project

Estimated start date: January 1, 2015

Estimated completion date: March 1, 2015

Note: Written notice shall be given to the local health department at least five days prior to actual starting date.

H. Notification To Connecticut Historical Comm.- if property is over 50 years old

Year Built: 1899 Notification required? Yes ☒ No ☐

Address of Ct Historical Commission:

State Historic Preservation Office
1 Constitution Plaza, Second Floor
Hartford, CT 06103
1-860-256-2800

Date filed- Response received ☒ Yes No ☐
See attached

I. Notification procedure

Written notice will be given to the residents five working days prior to start date.
The notice shall:

- Inform the residents of their rights and responsibilities per the statutes and regulations
- Inform residents which surfaces or soil areas will be abated.

Additionally, warning signs shall be posted at all entrances to and exits from the abatement area, prior to abatement.

J. Containment of Work Area (Interior and Exterior)

Movable objects belonging to residents must be removed from the abatement area. The belongings should be stored in an easily accessible location.

Cover and seal all non-work surfaces with 6 mil polyethylene as follows;

- a) non-movable objects
- b) air systems heating, ventilation, and air conditioning
- c) entrance to abatement areas
- d) floors
- e) exterior grounds and surfaces (use 6 mil polyethylene sheeting to prevent release of lead into the environment)

Note: The contractor and/or owner is responsible for using the best available engineering controls to reduce the potential for emissions to the exterior of an abatement area. Engineering controls may include but not limited to, proper

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

containment and control of the abatement are, provision of negative pressure within containment area, use of wet scraping/wet sanding methods and use of vacuum HEPA attached power tools.

Describe proposed engineering controls:

Polyethylene to cover ground when any exterior work is to be done.

K. Cleaning After Lead- Based Paint Abatement (Prior to Clearance Testing)

- Procedure: ☒ 1. Wet clean
- ☒ 2. Carefully remove the polyethylene covering.
- ☒ 3. Use a COMMERCIAL HEPA vacuum and wash with TSP or other effective non-TSP cleaner.
- ☒ 4. After 24 hours from the time active abatement has ceased, HEPA vac again, rewash with TSP or other effective non-TSP cleaner and HEPA vac again.

L. Waste Disposal (Hazardous)

A. Materials associated with the abatement shall be disposed of as hazardous waste with a TCLP reading ≥ 5 mg/l. The abatement contractor may collect and assess waste stream generated from the project. The contractor shall obtain a small quantity hazardous waste generator ID number from the State of CT DEEP for the site if hazardous waste exceeds 100 kilograms per month. Materials associated with this abatement include:

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

- Any lead containing or lead based paint debris
- Wood painted with lead based paint
- Stripped paint or paint chips
- Painted wall or ceiling plaster
- Painted concrete debris
- Worker protection materials- gloves, masks, etc.

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

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

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

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

HAZARDOUS LEAD WASTE

Federal Law prohibits improper disposal.

If found, contact the nearest police or public safety authority,
or the U.S. Environmental Protection Agency

Generator Information:

Facility Name:

Facility Address:

Facility Phone Number:

EPA ID / Manifest Document # _____

Accumulation Start Date: _____

EAP Waste # _____

HAZARDOUS WASTE SOLID NUMBERS

ORM-E NA 9189 D008

HANDLE WITH CARE

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

Any questions regarding hazardous waste issues should be directed to:

State of CT- Dept of Environmental Protection, Waste Management Bureau, 79
Elm Street, Hartford, CT 06106-5127 ,1- 860-424-3023

M. Worker Protection

Note: Workers must use proper personal protective equipment per the OSHA Lead in Construction Standard (29CFR 1926.62) and state regulation. Full body covering (suits) with hood and shoe covering attached should be used to prevent lead dust contamination. Disposable coveralls that are used one time, provide effective protection. Indicate the level of protection that is to be provided:

Body Covering ☒	Disposable ☒
Head Covering ☒ hat	Disposable ☒
Hand covering ☒	Disposable ☒
Shoe Covering ☒	Disposable ☒
Respirator w/HEPA Filter ☐	Type of respirator _____

Note: Neither smoking, eating, or drinking nor the application of cosmetic lip balm, is permitted within the work area. Use of personal clothing and foot wear is not permitted during abatement activities.

Indicate available washing facilities. Hand washing ☒ Showers ☐

Bathroom sink water is available for handwashing; do not use kitchen sink for cleanup.

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

N. Clearance Testing

Prior to reoccupancy, a visual inspection of abatement areas is required and dust samples shall be collected and analyzed from floors and window sills in each area where abatement has occurred. This inspection and sampling must be performed by a certified lead inspector, certified lead inspector risk assessor or an authorized code enforcement official.

☒ Visual inspection and sampling to be performed by a certified lead risk assessor.

Maureen Monaco , IR #1172
Gilbertco Lead Inspections LLC , CC # 270
287 Main Street, Ansonia, Ct 06401
1-800-959-2985 or

Facilities Support Services LLC
2685 State Street
Hamden, Connecticut 06517
1-203-288-1281

Sampling to include window sill, window well, and floor to be sampled in each room where abatement work has taken place.

Abatement Plan for
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O. Soil Abatement-

1. For soil lead levels between 400 ppm and 5000 ppm

- ☒ Plant grass or shrubbery to reduce exposure to bare soil.
- ☐ Permanent barrier; examples asphalt or cement
- ☒ Cover three to six inches with gravel or mulch-
- ☐ Restrict access-
- ☐ Excavate, remove and replace contaminated soil. Specify depth____.
- ☐ Relocate play equipment

2. For soil lead levels over 5000 ppm

- ☐ Excavate and disposal top two inches
- ☐ Rototill soil
- ☐ Cover area with lead free soil, mulch, stone, asphalt or other acceptable covering

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

FIRST FLOOR

Key: PS- Paint Stabilization
BAR- Barriers
RESACC- restricted Access
REM- Paint Removal
REP- Replace with new
LEN- Liquid Encapsulate
RENCAP- Rigid Encapsulation

Rm #	Room Name	Component	Abatement Method	Comments
1	Front Bedroom	Window Well/trough Window Jamb	REP x 3	(Sashes are negative for lead) Architectural replacement components shall conform with all contract requirements and specifications
4	Kitchen	Door Casings side 2 & 3	LEN	
		Door Jamb side 2	LEN	
		Walls- all 4	LEN	
		Window Sills (stool), trim	LEN	
5	Pantry	Door Casing	LEN	
6	Bedroom	Window well/trough , jamb(Inaccessible for testing but similar to accessible units	REP x 2	(Sashes are negative for lead) Architectural replacement components shall conform with all contract requirements and specifications
7	Bath	Window well/trough , jamb(Inaccessible for	REP x 1	(Sashes are negative for lead) Architectural

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

		testing but similar to accessible units		replacement components shall conform with all contract requirements and specifications
8	Rear BR	Window well/trough , jamb(Inaccessible for testing but similar to accessible units	REP x 2	(Sashes are negative for lead) Architectural replacement components shall conform with all contract requirements and specifications
9	Hall outside bath	Wall	LEN	
9	Hall outside bath	Ceiling	LEN	

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

Second Floor

Rm #	Room Name	Component	Abatement Method	Comment
16	Front Bedroom	Window well/trough , jamb (Inaccessible for testing but similar to accessible units)	REP x 3	Architectural replacement components shall conform with all contract requirements and specifications
1	Living Room	Window well/trough, jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications
4	Bedroom	Window well/trough, jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications
5	Bath	Window well/trough, jamb (Inaccessible for testing but similar to accessible units)	REP x 1	Architectural replacement components shall conform with all contract requirements and specifications
6	Rear Bedroom	Window well/trough, jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

THIRD FLOOR

Rm #	Room Name	Component	Abatement Method	Comments
10	Front Bedroom	Window well/trough,jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications
11	Living Room	Window well/trough,jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications
13	Rear Bedroom	Window well/trough,jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

EXTERIOR

Rm #	Side	Component	Abatement Method	Comment
7	Rear (3)	Door, door jamb, door casing Threshold	REP	Architectural replacement components shall conform with all contract requirements and specifications
7	All	Sidewall	RENCAP	Vinyl siding on first and second floors, third floor exterior is vinyl sided
7	All	Window Sill and trim	RENCAP	Wrap with vinyl
7	Front	Porch Floor	REM	
7	Front	Door Casing	RENCAP	
7	Front	Threshold	REM	



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 Abatement Plan for 71-73 Worth Street

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

A. Background Information

Date Plan Submitted: November 26, 2014, December 12, 2014

Address of Property: 71-73 Worth Street, Bridgeport, CT

Plan Prepared by: Owner ☐ Planner Project Designer ☒

Lead Planner / Project Designer

Name: Maureen Monaco Certificate: 2152

Telephone: 1-800-959-2985

Address: 287 Main Street, Ansonia, CT 06401

Inspection Report Used to Develop Abatement Plan

Date of Inspection: November 18, 2014

Consultant Contractor: Gilbertco Lead Inspections LLC, 287 Main Street, Ansonia, CT 06401 Consultant Contractor # 270

Telephone- 1-800-959-2985

Inspectors: Maureen Monaco- Lead Inspector Risk Assessor #1172

B. Owner Information

Name: Rosanna Nadal

Address: 10 Beal Street, Stamford, Ct 06902

Telephone: 1-203-554-34

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

C. Resident Information

1st Floor- Jaime Berra (Spanish speaking) 1-203-953-4603

2nd Floor- Jose Mendez- 1-203-583-9391

3rd Floor- vacant

Number of Children under six years old: one- 5 year old girl- Second Floor

Will residents be relocated? Yes ☒ No ☐ Second floor to relocate while during window replacement until dust clearance has been met

D. Abatement Contractor Information

Who will conduct abatement? Owner ☐ Abatement Contractor ☒

Abatement contractor will submit all licenses and certifications of the company and individuals working on the property and give written notice to the Bridgeport Health Department at least five days prior to commencing the project.

This is a Department of Housing and Urban Development Project receiving Storm Sandy Disaster Recovery funds and therefore must go out to bid. Abatement Contractor to be determined.

E. Repairs prior to Abatement

Please Note:

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

- Water leaks: Must be corrected prior to abatement regardless of the method of abatement. Uncorrected water leaks can cause encapsulating material to fail if the underlying lead painted surface deteriorates. Moisture can also cause paint on stripped surface (and unabated surface) to fail and expose lead residue that may remain on the substrate after stripping by heat, caustic chemicals, solvents or scraping.
- Heating Systems: Inadequate heat after abatement may lead to failure of encapsulants and paint. Therefore heating systems must be repaired. Prior to abatement, forced air systems must be shut down and sealed to prevent transport of lead contamination from the abatement area to other areas of the residence.

What Components or Mechanical Systems Need To Be Repaired Prior To Abatement?

☒ Water leaks- Soffit repair, Roof replacement , chimney repair and flashing

☐ Heating Systems-

☐ Electrical Systems

☐ Any other conditions that require repair so as not to impede abatement.

☐ No prior repairs required

☒ Window replacement and exterior siding abatement will be complete prior to soil abatement

F. Abatement Techniques To Be Used

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

Identify which abatement techniques will be used on the attached forms. The three general strategies for lead paint abatement are removal, replacement, and encapsulation. See attached relevant forms.

A. Removal (REM): stripping of paint

B. Replacement (REP): Architectural replacement components shall conform with all contract requirements and specifications. Product submittal shall conform with requirements of Section 01 33 00-Submittal Procedures.

C. BARRIER: (BAR): enclosure using approved materials such as siding or sheetrock.

D. Liquid Encapsulation: (LENCAP) : Use of Connecticut approved encapsulant; technical information and MSDS attached.

E. Cementitious Encapsulation (CENCAP): provide technical information

* Note: If rigid, liquid or cementitious encapsulants are to be used, the associated surfaces must be periodically monitored in the future per a schedule that is established within a lead management plan. Additionally liquid and cementitious encapsulants must be authorized for use by the Connecticut Department of Public Health (DPH) and listed on the DPH registry of Authorized Encapsulant Products.

Paint Removal means the stripping of lead paint from the surfaces of components. The following are some of the paint removal processes that can be used; chemical stripping, mechanical stripping, and wet scraping/wet sanding.

- **Chemical stripping:** there are a variety of paint removal products that are available from various manufacturers. Commonly the stripper is applied to the building component and later removes by manual scraping. All paint

layers must be removed. Follow manufacturer's direction on how to apply such products.

- **Mechanical stripping:** This technique requires the use of power tools. Examples of such equipment are: needle guns, vibrating, belt, and rotary sanders. Abrasive blasting equipment and other types of impact strippers that employ the use of steel studs of different sizes and shapes, that rotate in an enclosed head to impact the painted surface. See manufacturer instructions on how to use this equipment. (Note: Mechanically powered abatement equipment requires the use of HEPA-equipped vacuum attachments to remove dust generated during the use of the equipment).
- **Wet Scraping/wet sanding.** Wet scraping or wet sanding manually removes loose and peeling lead paint. Paint chips and dust that are generated during these procedures, must be controlled, to avoid further distribution of contaminates to adjacent areas. Wet Scraping and sanding involves misting the peeling paint before scraping or sanding, and thus reducing the amount of lead dust that is generated during these processes. Surfactants (wetting agents) may be added to the water to facilitate cleanup.
- **Heat Gun:** This removal technique involves the softening of the paint with a heat gun and then scraping the paint off. To prevent vaporization of the lead contained in the paint, the temperature of the heat gun must not exceed 700 degrees Fahrenheit per DPH regulations.

Replacement means the removal of components such as windows, doors and trim that have lead painted surfaces and the installation of new components that are free of lead containing paint. Replacement may be feasible for many exterior and interior architectural components.

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

Encapsulation refers to the processes that make lead paint inaccessible, by covering or sealing lead painted surfaces. If the lead paint is peeling or deteriorating then some wet scraping and/or wet sanding is necessary prior to encapsulation. The following are some types of rigid encapsulation materials: gypsum dry wall, fiberglass, wool and vinyl siding. Seams must be sealed to prevent the escape of lead dust. Liquid and cementitious encapsulants must be listed on the DPH registry of Authorized Encapsulant Products, to be considered for use.

The following cannot be used as encapsulants:

- A new coat of paint or primer
- Wall paper coverings
- Contact paper

Any area that is to be abated must be properly contained with materials such as 6 mil polyethylene sheeting to prevent further contamination of the dwelling or environment and to facilitate post abatement cleanup.

G. Dates of Abatement Project

Estimated start date: March 1, 2015 weather permitting

Estimated completion date: May 1, 2015 weather permitting

Note: Written notice shall be given to the local health department at least five days prior to actual starting date.

H. Notification To Connecticut Historical Comm.- if property is over 50 years old

Year Built: 1899 Notification required? Yes ☒ No ☐

Address of Ct Historical Commission:

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

State Historic Preservation Office
1 Constitution Plaza, Second Floor
Hartford, CT 06103
1-860-256-2800

Date filed- Response received ☒ Yes No ☐

I. Notification procedure

Written notice will be given to the residents five working days prior to start date.
The notice shall:

- Inform the residents of their rights and responsibilities per the statutes and regulations
- Inform residents which surfaces or soil areas will be abated.

Additionally, warning signs shall be posted at all entrances to and exits from the abatement area, prior to abatement.

J. Containment of Work Area (Interior and Exterior)

Movable objects belonging to residents must be removed from the abatement area. The belongings should be stored in an easily accessible location.

Cover and seal all non-work surfaces with 6 mil polyethylene as follows;

- a) non-movable objects
- b) air systems heating, ventilation, and air conditioning
- c) entrance to abatement areas

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

d) floors

e) exterior grounds and surfaces (use 6 mil polyethylene sheeting to prevent release of lead into the environment)

Note: The contractor and/or owner is responsible for using the best available engineering controls to reduce the potential for emissions to the exterior of an abatement area. Engineering controls may include but not limited to, proper containment and control of the abatement area, provision of negative pressure within containment area, use of wet scraping/wet sanding methods and use of vacuum HEPA attached power tools.

Describe proposed engineering controls:

Polyethylene to cover ground when any exterior work is to be done.

K. Cleaning After Lead- Based Paint Abatement (Prior to Clearance Testing)

Procedure: ☒ 1. Wet clean

☒ 2. Carefully remove the polyethylene covering.

☒ 3. Use a COMMERCIAL HEPA vacuum and wash with TSP or other effective non-TSP cleaner.

☒ 4. After 24 hours from the time active abatement has ceased, HEPA vac again, rewash with TSP or other effective non-TSP cleaner and HEPA vac again.

L. Waste Disposal (Hazardous)

A. Materials associated with the abatement shall be disposed of as hazardous waste with a TCLP reading ≥ 5 mg/l. The abatement contractor may collect and assess waste stream generated from the project. The contractor shall obtain a small quantity hazardous waste generator ID number from the State of CT DEEP for the site if hazardous waste exceeds 100 kilograms per month. Materials associated with this abatement include:

- Any lead containing or lead based paint debris
- Wood painted with lead based paint
- Stripped paint or paint chips
- Painted wall or ceiling plaster
- Painted concrete debris
- Worker protection materials- gloves, masks, etc.

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

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

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

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

HAZARDOUS LEAD WASTE

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

Federal Law prohibits improper disposal.

If found, contact the nearest police or public safety authority,
or the U.S. Environmental Protection Agency

Generator Information:

Facility Name:

Facility Address:

Facility Phone Number:

EPA ID / Manifest Document # _____

Accumulation Start Date: _____

EAP Waste # _____

HAZARDOUS WASTE SOLID NUMBERS

ORM-E NA 9189 D008

HANDLE WITH CARE

Any questions regarding hazardous waste issues should be directed to:

State of CT- Dept of Environmental Protection, Waste Management Bureau, 79
Elm Street, Hartford, CT 06106-5127 ,1- 860-424-3023

M. Worker Protection

Note: Workers must use proper personal protective equipment per the OSHA Lead in Construction Standard (29CFR 1926.62) and state regulation. Full body covering (suits) with hood and shoe covering attached should be used to prevent lead dust contamination. Disposable coveralls that are used one time, provide effective protection. Indicate the level of protection that is to be provided:

Body Covering ☒

Disposable ☒

Head Covering ☒ hat

Disposable ☒

Hand covering ☒

Disposable ☒

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

Shoe Covering ☒

Disposable ☒

Respirator w/HEPA Filter ☐

Type of respirator half face

Note: Neither smoking, eating, or drinking nor the application of cosmetic lip balm, is permitted within the work area. Use of personal clothing and foot wear is not permitted during abatement activities.

Indicate available washing facilities. Hand washing ☐ Showers ☐

Contractor will provide handwashing facility.

N. Clearance Testing

Prior to reoccupancy, a visual inspection of abatement areas is required and dust samples shall be collected and analyzed from floors and window sills in each area where abatement has occurred. This inspection and sampling must be performed by a certified lead inspector, certified lead inspector risk assessor or an authorized code enforcement official.

☒ Visual inspection and sampling to be performed by a certified lead risk assessor.

Maureen Monaco , IR #1172
Gilbertco Lead Inspections LLC , CC # 270
287 Main Street, Ansonia, Ct 06401
1-800-959-2985 or

Facilities Support Services LLC
2685 State Street
Hamden, Connecticut 06517
1-203-288-1281

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

Sampling to include window sill, window well, and floor to be sampled in each room where abatement work has taken place.

O. Soil Abatement-

1. For soil lead levels between 400 ppm and 5000 ppm

- ☐ Plant grass or shrubbery to reduce exposure to bare soil.
- ☐ Permanent barrier; examples asphalt or cement
- ☐ Cover three to six inches with gravel or mulch-
- ☐ Restrict access-
- ☐ Excavate, remove and replace contaminated soil. .
- ☐ Relocate play equipment

2. For soil lead levels over 5000 ppm

- ☒ Excavate and disposal top two inches
- ☐ Rototill soil

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

☒ Cover area with lead free soil, mulch, stone, asphalt or other acceptable covering, Asphalt preferable

FIRST FLOOR

Key: PS- Paint Stabilization
BAR- Barriers
RESACC- restricted Access
REM- Paint Removal
REP- Replace with new
LEN- Liquid Encapsulate
RENCAP- Rigid Encapsulation

Rm #	Room Name	Component	Abatement Method	Comments
1	Front Bedroom	Window Well/trough Window Jamb	REP x 3	(Sashes are negative for lead) Architectural replacement components shall conform with all contract requirements and specifications

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

4	Kitchen	Door Casings side 2 & 3	LEN	
		Door Jamb side 2	LEN	
		Walls- all 4	LEN	
		Window Sills (stool), trim	LEN	
5	Pantry	Door Casing	LEN	
6	Bedroom	Window well/trough , jamb(Inaccessible for testing but similar to accessible units	REP x 2	(Sashes are negative for lead) Architectural replacement components shall conform with all contract requirements and specifications
7	Bath	Window well/trough , jamb(Inaccessible for testing but similar to accessible units	REP x 1	(Sashes are negative for lead) Architectural replacement components shall conform with all contract requirements and specifications
8	Rear BR	Window well/trough , jamb(Inaccessible for testing but similar to accessible units	REP x 2	(Sashes are negative for lead) Architectural replacement components shall conform with all contract requirements and specifications
9	Hall outside bath	Wall	LEN	
9	Hall outside bath	Ceiling	LEN	

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

Second Floor

Rm #	Room Name	Component	Abatement Method	Comment
16	Front Bedroom	Window well/trough , jamb (Inaccessible for testing but similar to accessible units)	REP x 3	Architectural replacement components shall conform with all contract requirements and specifications
1	Living Room	Window well/trough, jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications
4	Bedroom	Window well/trough, jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

5	Bath	Window well/trough, jamb (Inaccessible for testing but similar to accessible units)	REP x 1	Architectural replacement components shall conform with all contract requirements and specifications
6	Rear Bedroom	Window well/trough, jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications

THIRD FLOOR

Rm #	Room Name	Component	Abatement Method	Comments
10	Front Bedroom	Window well/trough,jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications
11	Living Room	Window well/trough,jamb (Inaccessible for testing but similar to accessible units)	REP x 2	Architectural replacement components shall conform with all contract requirements and specifications
13	Rear Bedroom	Window well/trough,jamb (Inaccessible for testing but similar to accessible	REP x 2	Architectural replacement components shall conform with all contract

Abatement Plan for

71-73 Worth Street, Bridgeport, Ct

		units)		requirements and specifications
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EXTERIOR

Rm #	Side	Component	Abatement Method	Comment
7	Rear (3)	Door, door jamb, door casing Threshold	REP	Architectural replacement components shall conform with all contract requirements and specifications
7	All	Sidewall	LENCAP	LENCAP with state approved encapsulant

Abatement Plan for
71-73 Worth Street, Bridgeport, Ct

7	All	Window Sill and trim	LENCAP	LENCAP with state approved encapsulant
7	Front	Porch Floor	REM	
7	Front	Door Casing	RENCAP	
7	Front	Threshold	REM	
7	All	Soffits (inaccessible but non-intact)	RENCAP	LENCAP with state approved encapsulant



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Attachment 11 – Checklist Item 13D Documentation – Asbestos Containing Materials Removal Work
Plan



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 #5077

**Roofing Materials
71-73 Worth Street
Bridgeport, 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 "C. Hudacek", is written over a horizontal line.

Christopher Hudacek
Asbestos Project Designer
CT License No. 000239

December 3, 2014

**Asbestos Containing Materials
Removal Work Plan
71-73 Worth Street
Bridgeport, CT**

The following work plan outlines the removal of asbestos-containing exterior non-friable roofing materials from the entire roof of the above referenced structure. All materials, excluding the shingles (shingles are non-asbestos containing) are presumed to be asbestos containing materials (ACMs). Shingles that are coated with any other roofing such as tars/sealants must be treated as ACM. The removal shall be conducted by a State of Connecticut licensed asbestos contractor. The materials may also contain concentrations of Polychlorinated Biphenyls (PCBs) and workers shall be properly trained in the removal and handling of such materials in accordance with 29 CFR 1910.120. 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 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 any pre-removal meetings. The exact date and time of this meeting shall be determined by the Project Engineer.

ASBESTOS REMOVAL PROCEDURE – EXTERIOR ROOFING

- A. The Contractor shall have a designated "Competent Person" on the job at all times to ensure proper work practices throughout project.
- B. Contractor shall supply water, and a generator for electricity.
- C. GFCI devices shall be utilized for all electrical connections made as part of this project.
- D. 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 10 feet from the base of the building.
- E. Establish regulated area to restrict access to only those authorized personnel.
- F. 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).
- G. Workers shall don the proper PPE prior to beginning the removal.
- H. Remove roofing materials using the following procedure:
 - 1. Wet the 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 out roofing material into manageable sections. Remove flashing materials from chimney substrate utilizing spade, chisel, or similar devise. At no time shall

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[Website: \[www.fssteam.com\]\(http://www.fssteam.com\)](#)

- the contractor grind, abrade, or sand the material which will create visible emissions.
3. Lower sections of roofing to the ground and place into properly lined containers for disposal. Do not drop waste from roof.
 4. Keep roofing material continuously wet throughout removal operation.
 5. Continuously mist area where removal is being performed with amended water, removal encapsulant or detergent solution. Area where roofing has been removed must be kept continuously wet until after the completion of removal.
- I. Roofing material must be removed intact and placed into a labeled container for disposal.
- J. Prior to removal from site, representative samples must be collected from suspect PCB containing materials for disposal characterization purposes and analyzed for PCB concentrations via Soxhlet extraction method by a State of Connecticut certified laboratory.
- K. After completion of all asbestos containing materials removal work, the Contractor shall conduct final cleaning utilizing wet methods and HEPA vacuuming until no visible residue remains.
- 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. Following characterization of waste materials, the waste container(s) shall removed from site for transport to the appropriate waste facility. All waste documents and manifests shall be provided to the Project Engineer upon receipt.



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Attachment 12 – Checklist Item 13F Documentation – Microbial (Mold Abatement Plan)

Microbial (Mold) Abatement Work Plan

71-73 Worth Street Bridgeport, CT

The following work plan outlines the microbial mold abatement of 71-73 Worth Street in Bridgeport, Connecticut.

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



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Attachment 13 – Checklist Item 14C Documentation – Tidal Wetlands

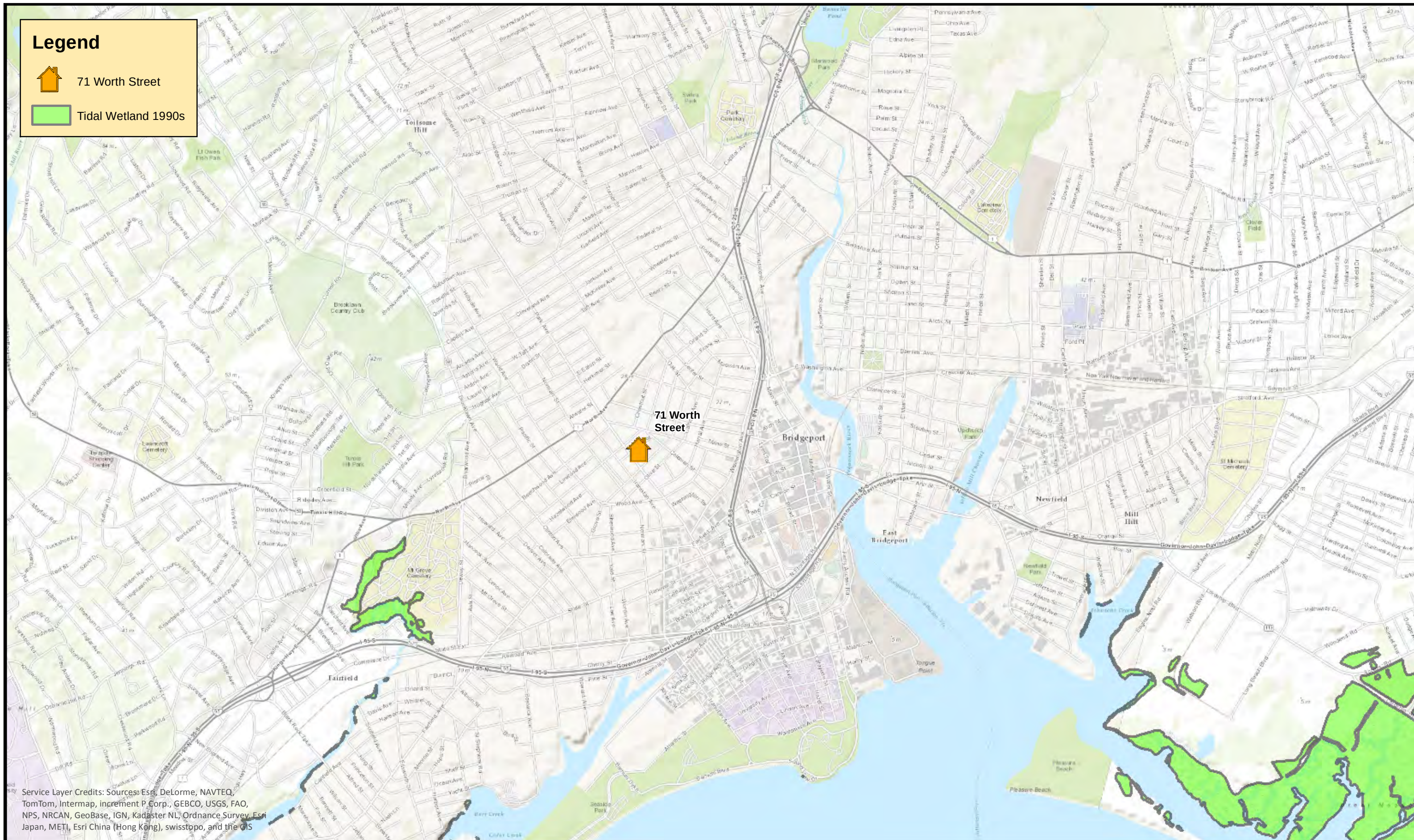
Legend



71 Worth Street



Tidal Wetland 1990s



Service Layer Credits: Sources: Esri, DeLorme, NAVTEQ, TomTom, Intermap, increment P Corp., GEBCO, USGS, FAO, NPS, NRCAN, GeoBase, IGN, Kadaster NL, Ordnance Survey, Esri Japan, METI, Esri China (Hong Kong), swisstopo, and the GIS



0 1,000 2,000 4,000 6,000 8,000 Feet

Date: 12/10/2014