

08 February 2019

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

RE: Applicant 1247, 12 Jacob Street, Norwalk, CT

Dear Ms. Okafor,

This letter is to provide a summary description of the Statutory Checklist for CDBG-DR Applicant – 1247 – Matthew Hessian.

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 5A – Connecticut Aquifer Protection Area Mapping
- Item 5B – Norwalk CT Aquifer Protection Area mapping.
- Item 6A – Natural Diversity Database Mapping
- Item 6B – U.S. Fish and Wildlife, Consultation Letter
- Item 10D – EDR Radius Map™ Report with Geocheck®
- Item 11 – Connecticut Department of Economic and Community Development list of Distressed Municipalities
- Item 12-A – National Flood Insurance Program FIRMette Map
- Item 12-B – Coastal Barrier Resource System Map
- Item 13-C – Hazardous Material Inspection Report
- Item 13-D – Hazardous Material Inspection Report,
- Item 13-E – Hazardous Material Inspection Report
- Item 13-F – Hazardous Material Inspection Report
- Item 14-A – National Flood Insurance Program FIRMette Map
- Item 14-B – Flood Management Certification, Professional Certification
- Item 14-C – Tidal Wetlands Map
- Item 14-C – CT DEEP Correspondence
- Item 14-E – Zoning Variance City of Norwalk
- Item 14-F – CAM Permit City of Norwalk

Checklist list items requiring permitting and/or regulatory review include

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

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

Yours Sincerely,

A handwritten signature in blue ink, appearing to read "Richard Couch". The signature is stylized and cursive.

Richard Couch, PE

Member

Martinez Couch & Associates, LLC



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

Connecticut
still revolutionary

1247
JO

May 28, 2014

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

Subject: Department of Housing Superstorm Sandy Reviews
12 Jacob Street
Norwalk, CT

Dear Ms. Delaire:

The State Historic Preservation Office has reviewed the information submitted for the above-named pursuant to the provisions of Section 106 of the National Historic Preservation Act of 1966. It is the opinion of this office that the property located at 12 Jacob Street is not eligible for listing on the National Register of Historic Places.

Based on the information provided, the proposed rehabilitation of 12 Jacob Street will have no effect on the state's cultural resources.

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

For further information please contact Laura L. Mancuso, Environmental Review Coordinator, at (860) 256-2757 or laura.mancuso@ct.gov.

Sincerely,

Mary Dunne
Deputy State Historic Preservation Officer

State Historic Preservation Office

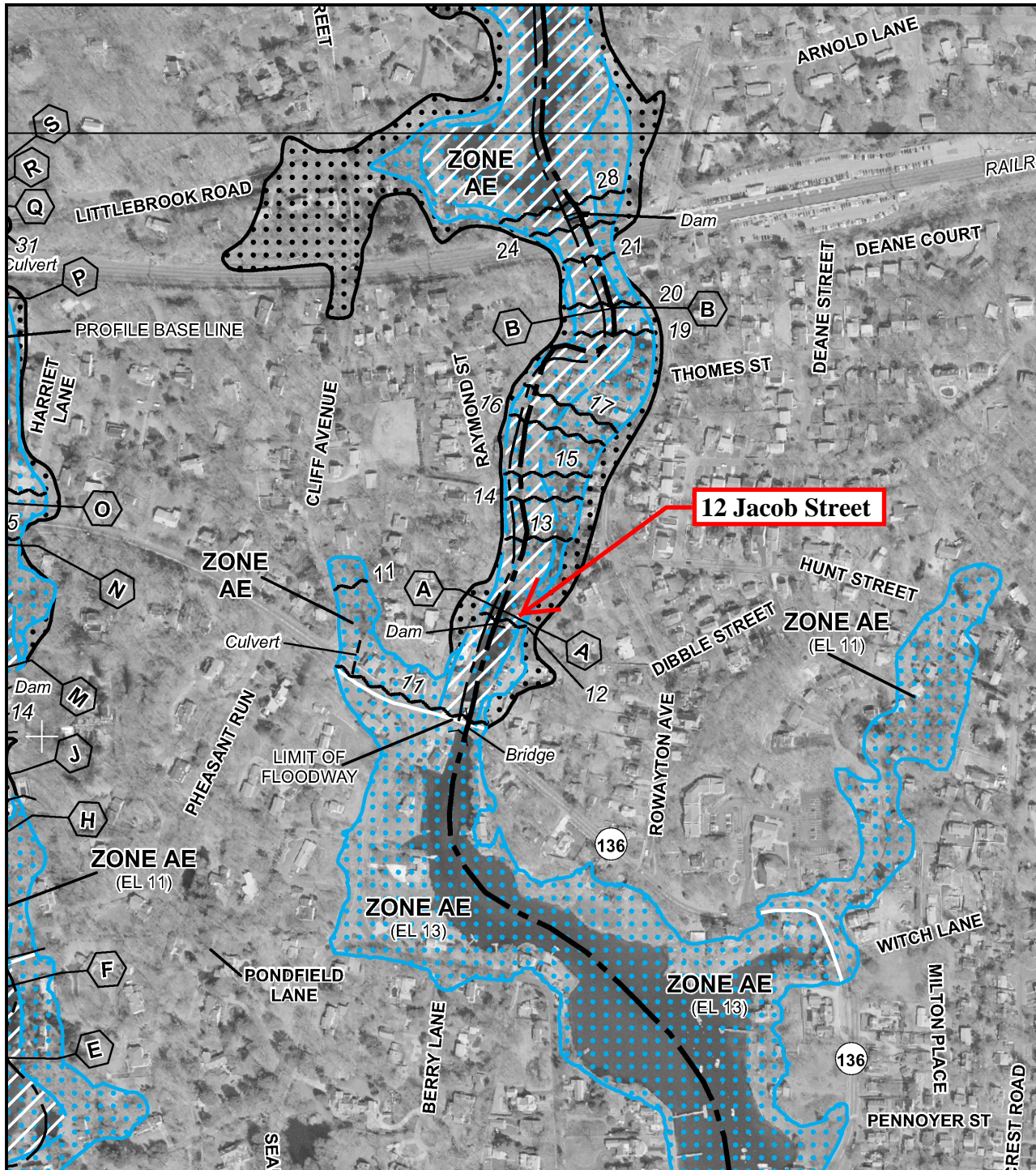
One Constitution Plaza | Hartford, CT 06103 | P: 860.256.2800 | Cultureandtourism.org

An Affirmative Action/Equal Opportunity Employer An Equal Opportunity Lender

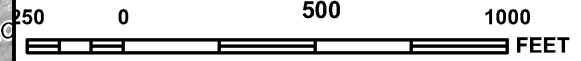


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Attachment 2 – Checklist Item #2, #12A and #14A Documentation – FEMA FIRM Flood Mapping



MAP SCALE 1" = 500'



PANEL 0529G

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

PANEL 529 OF 626
 (SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
DARIEN, TOWN OF	090005	0529	G
NORWALK, CITY OF	090012	0529	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
 09001C0529G
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

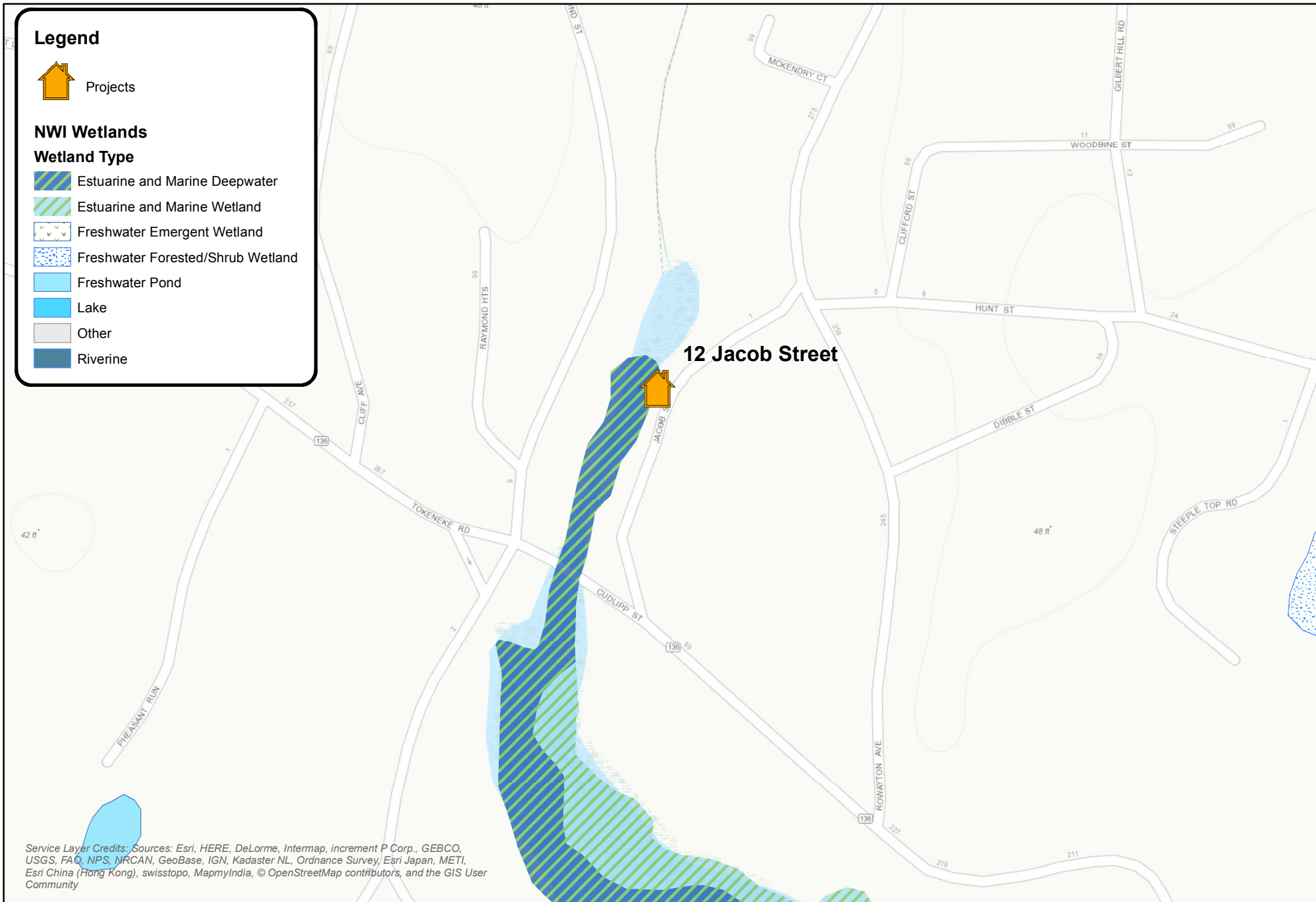


Projects

NWI Wetlands

Wetland Type

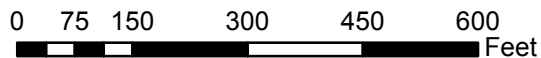
-  Estuarine and Marine Deepwater
-  Estuarine and Marine Wetland
-  Freshwater Emergent Wetland
-  Freshwater Forested/Shrub Wetland
-  Freshwater Pond
-  Lake
-  Other
-  Riverine



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



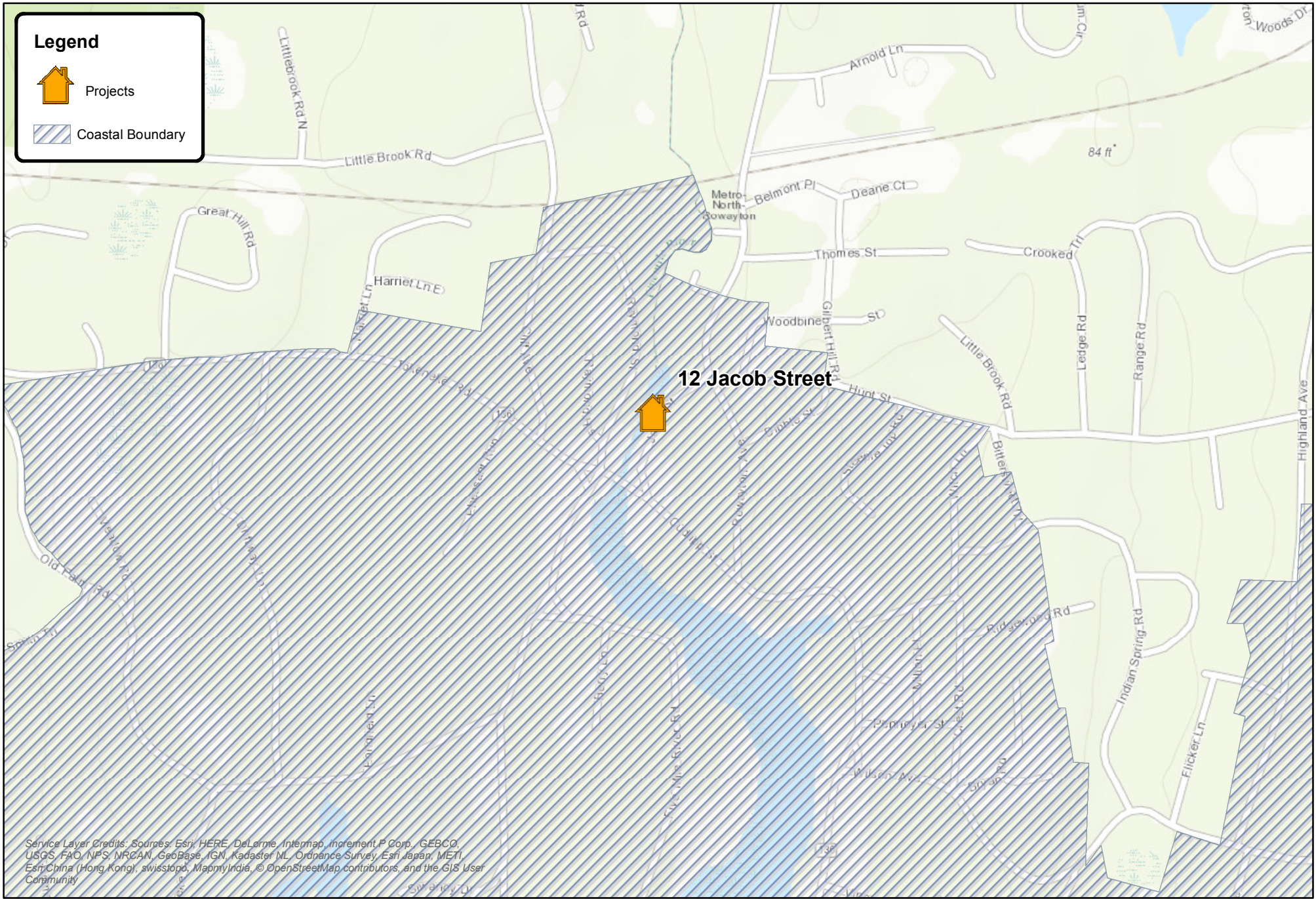
CONSULTING ENGINEERS
& SURVEYORS





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Attachment 4 – Checklist Item 4 Documentation – Coastal Management Zone





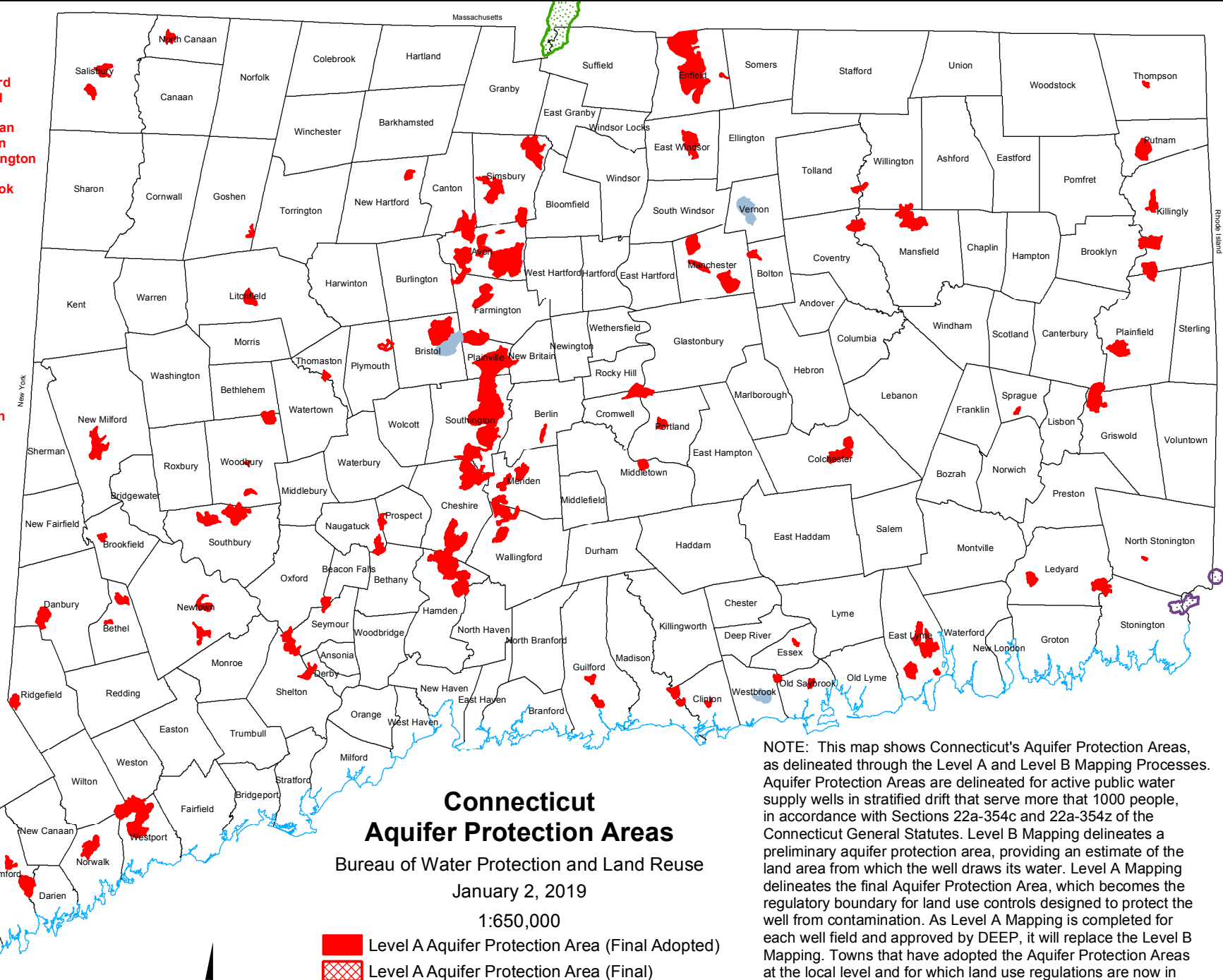
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Attachment 5A – Checklist Item 5 Documentation – Water Quality – Aquifers

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
- * Southbury
- * Southington
- * Sprague
- * Stamford
- * Stonington
- * Thomaston
- Thompson
- * Tolland
- Vernon
- * Wallingford
- * Watertown
- * 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
January 2, 2019

1:650,000

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

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







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Attachment 5B – Checklist Item 5 Documentation – Water Quality – Aquifer Protection Areas Norwalk,
CT

AQUIFER PROTECTION AREAS

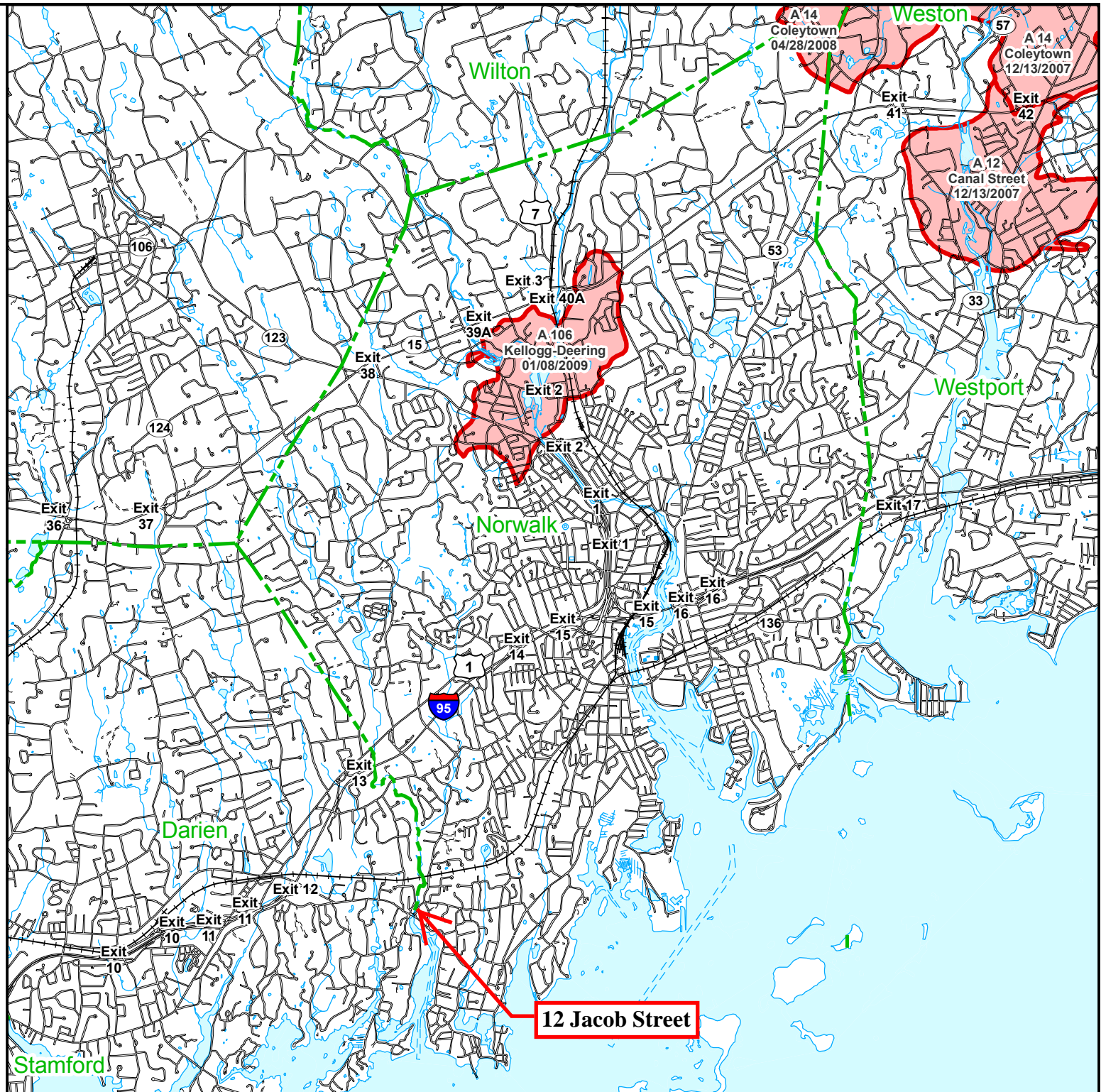
Norwalk, CT

January 2, 2019

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

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

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





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



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Attachment 6B – Checklist Item 6 Documentation – USFWS Consultation Letter



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 3301
PHONE: (603)223-2541 FAX: (603)223-0104
URL: www.fws.gov/newengland

Consultation Tracking Number: 05E1NE00-2014-SLI-0370

June 04, 2014

Project Name: #1247 12 jacob st norwalk

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project.

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having

similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2)(c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior
Fish and Wildlife Service

Project name: #1247 12 jacob st norwalk

Official Species List

Provided by:

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

Consultation Tracking Number: 05E1NE00-2014-SLI-0370

Project Type: ** Other **

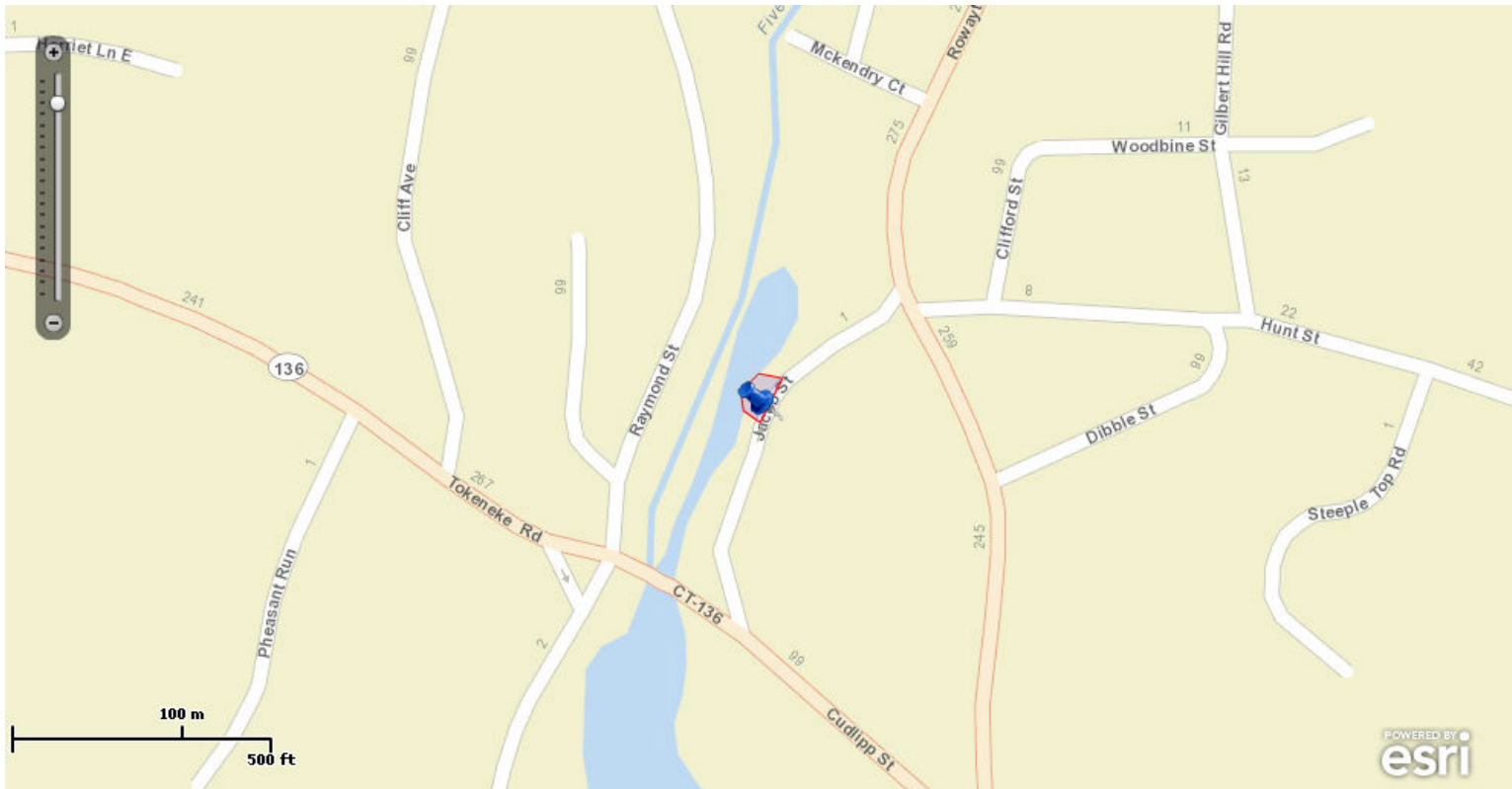
Project Description: raising of structures and basement repairs



United States Department of Interior
Fish and Wildlife Service

Project name: #1247 12 jacob st norwalk

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-73.4469678 41.0741193, -73.4468015 41.0740952, -73.4469571 41.0738606, -73.4470751 41.0739233, -73.4470939 41.0740223, -73.4469678 41.0741193)))

Project Counties: Fairfield, CT



United States Department of Interior
Fish and Wildlife Service

Project name: #1247 12 jacob st norwalk

Endangered Species Act Species List

There are a total of 0 threatened, endangered, or candidate species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed on the **Has Critical Habitat** lines may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

There are no listed species identified for the vicinity of your project.



United States Department of Interior
Fish and Wildlife Service

Project name: #1247 12 jacob st norwalk

Critical habitats that lie within your project area

There are no critical habitats within your project area.



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Attachment 7 – Checklist Item 10D Documentation – EDR Radius Map™ Report with GeoCheck®

1247 12 Jacobs Street Norwalk

12 Jacobs Street
Norwalk, CT 06853

Inquiry Number: 5555858.2s

February 07, 2019

The EDR Radius Map™ Report with GeoCheck®



6 Armstrong Road, 4th floor
Shelton, CT 06484
Toll Free: 800.352.0050
www.edrnet.com

TABLE OF CONTENTS

<u>SECTION</u>	<u>PAGE</u>
Executive Summary	ES1
Overview Map	2
Detail Map	3
Map Findings Summary	4
Map Findings	8
Orphan Summary	143
Government Records Searched/Data Currency Tracking	GR-1
 <u>GEOCHECK ADDENDUM</u>	
Physical Setting Source Addendum	A-1
Physical Setting Source Summary	A-2
Physical Setting SSURGO Soil Map	A-5
Physical Setting Source Map	A-19
Physical Setting Source Map Findings	A-21
Physical Setting Source Records Searched	PSGR-1

Thank you for your business.
 Please contact EDR at 1-800-352-0050
 with any questions or comments.

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EXECUTIVE SUMMARY

A search of available environmental records was conducted by Environmental Data Resources, Inc (EDR). The report was designed to assist parties seeking to meet the search requirements of EPA's Standards and Practices for All Appropriate Inquiries (40 CFR Part 312), the ASTM Standard Practice for Environmental Site Assessments (E 1527-13), the ASTM Standard Practice for Environmental Site Assessments for Forestland or Rural Property (E 2247-16), the ASTM Standard Practice for Limited Environmental Due Diligence: Transaction Screen Process (E 1528-14) or custom requirements developed for the evaluation of environmental risk associated with a parcel of real estate.

TARGET PROPERTY INFORMATION

ADDRESS

12 JACOBS STREET
NORWALK, CT 06853

COORDINATES

Latitude (North): 41.0739130 - 41° 4' 26.08"
Longitude (West): 73.4469990 - 73° 26' 49.19"
Universal Transverse Mercator: Zone 18
UTM X (Meters): 630469.5
UTM Y (Meters): 4547912.0
Elevation: 4 ft. above sea level

USGS TOPOGRAPHIC MAP ASSOCIATED WITH TARGET PROPERTY

Target Property Map: 5644928 NORWALK SOUTH, CT
Version Date: 2012

AERIAL PHOTOGRAPHY IN THIS REPORT

Portions of Photo from: 20140718
Source: USDA

MAPPED SITES SUMMARY

Target Property Address:
12 JACOBS STREET
NORWALK, CT 06853

Click on Map ID to see full detail.

MAP ID	SITE NAME	ADDRESS	DATABASE ACRONYMS	RELATIVE ELEVATION	DIST (ft. & mi.) DIRECTION
A1	TOKENEKE SERVICE INC	5 5 MILE RIVER RD	UST	Lower	478, 0.091, SW
A2	GULF SERVICE STATION	5 FIVE MILE RIVER RD	CPCS	Lower	478, 0.091, SW
A3	TOKENEKE	5 FIVE MILE RIVER RD	LUST, MANIFEST	Lower	478, 0.091, SW
B4	TOKENEKE TEXACO	285 TOKENEKE RD	UST	Higher	637, 0.121, WSW
B5	TOKENEKE TEXACO	285 TOKENEKE RD	EDR Hist Auto	Higher	637, 0.121, WSW
6	CUDNEY RESIDENCE	15 FIVE MILE RIVER R	LUST, CPCS	Lower	778, 0.147, SW
C7	MR. DOUGLAS TRAVER	5 PHEASANT RUN ROAD	LUST, SPILLS	Higher	916, 0.173, West
C8	MR. DOUGLAS TRAVER	5 PHEASANT RUN ROAD	SPILLS, CPCS	Higher	916, 0.173, West
D9	MELERICK RESIDENCE	20 BRIDAL TRANE LN.	LUST, CPCS	Higher	1080, 0.205, SSW
D10	BILL TYRELL	47 FIVE MILE RIVER R	CPCS	Higher	1101, 0.209, SSW
D11	BILL TYRELL	47 FIVE MILE RIVER R	LUST, SPILLS	Higher	1101, 0.209, SSW
12	JOAN DEAN	R119 ROWAYTON AVE	LUST, SPILLS, CPCS	Higher	1158, 0.219, NNE
13	SPENCER MCILMURRAY	27 PHEASANT RUN	LUST, SPILLS, CPCS	Higher	1255, 0.238, WSW
14	ROBERT MORRIS PROPER	6 STEEPLE TOP ROAD	SDADB	Higher	1315, 0.249, East
15	MCGOVERN	17 THOMES ST.	LUST, SPILLS, CPCS	Higher	1398, 0.265, NE
16	MR. LANG	4 LITTLEBROOK RD.	LUST, SPILLS, CPCS	Higher	1571, 0.298, NNW
E17	MR. GILLESPIE	189 ROWATON AVE.	LUST, SPILLS, CPCS	Higher	1599, 0.303, SE
E18	GILLESPIE RESIDENCE	189 ROWAYTON AVENUE	LUST, SPILLS, CPCS	Higher	1599, 0.303, SE
19	MR. & MRS. ROBERTS	# 1 HARRIET LANE	LUST, SPILLS, CPCS	Higher	1617, 0.306, West
20	DAVID LLEWELYN	11 HARRIET LANE	LUST, SPILLS, ASBESTOS, CPCS	Higher	1647, 0.312, WNW
21	NAOROZ	12 LITTLE BROOK RD.	LUST, CPCS	Higher	1676, 0.317, ENE
22	RESIDENTIAL PROPERTY	1 BITTERSWEET TRAIL	SDADB, LUST, SPILLS, CPCS	Higher	1789, 0.339, ESE
23	YAMASAKI	26 CHASMARS POND RD.	LUST, SPILLS, CPCS	Higher	2023, 0.383, North
F24	BRYAN	2 DRIFTWAY LANE	SPILLS, CPCS	Higher	2038, 0.386, West
F25	UNKNOWN	2 DRIFTWAY	LUST, SPILLS, CPCS	Higher	2038, 0.386, West
26	LIPPA RESIDENCE	73 CROOKED TRAIL	LUST, CPCS	Higher	2078, 0.394, ENE
F27	MANGAN	212 TOKENEKE ROAD	LUST, SPILLS, CPCS	Higher	2142, 0.406, West
28	MILLER RESIDENCE	22 DRIFTWAY LANE	LUST, SPILLS, CPCS	Higher	2204, 0.417, WSW
29	MIDWAY CLEANERS	158-164 ROWAYTON AVE	VCP, CPCS	Lower	2246, 0.425, SSE
30	JOHN RILEY	23 LEDGE ROAD	LUST, SPILLS, CPCS	Higher	2256, 0.427, ENE
31	MARRON	18 CHASMARS POND RD.	LUST, SPILLS, CPCS	Higher	2318, 0.439, North
32	MR. VANDEVEER	12 LEDGE ROAD	LUST, SPILLS, CPCS	Higher	2326, 0.441, East
33	NINA LAWRENCE	ROWAYTON 75 CROOKED	SPILLS, CPCS	Higher	2407, 0.456, ENE
34	FRANK GAUTHIER	22 WILSON AVE	LUST, SPILLS, CPCS	Higher	2436, 0.461, SE
35	MR. NICHOLS	32 ARNOLD LANE	LUST, SPILLS, CPCS	Higher	2497, 0.473, NE

EXECUTIVE SUMMARY

TARGET PROPERTY SEARCH RESULTS

The target property was not listed in any of the databases searched by EDR.

DATABASES WITH NO MAPPED SITES

No mapped sites were found in EDR's search of available ("reasonably ascertainable ") government records either on the target property or within the search radius around the target property for the following databases:

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL..... National Priority List
Proposed NPL..... Proposed National Priority List Sites
NPL LIENS..... Federal Superfund Liens

Federal Delisted NPL site list

Delisted NPL..... National Priority List Deletions

Federal CERCLIS list

FEDERAL FACILITY..... Federal Facility Site Information listing
SEMS..... Superfund Enterprise Management System

Federal CERCLIS NFRAP site list

SEMS-ARCHIVE..... Superfund Enterprise Management System Archive

Federal RCRA CORRACTS facilities list

CORRACTS..... Corrective Action Report

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF..... RCRA - Treatment, Storage and Disposal

Federal RCRA generators list

RCRA-LQG..... RCRA - Large Quantity Generators
RCRA-SQG..... RCRA - Small Quantity Generators
RCRA-CESQG..... RCRA - Conditionally Exempt Small Quantity Generator

Federal institutional controls / engineering controls registries

LUCIS..... Land Use Control Information System
US ENG CONTROLS..... Engineering Controls Sites List

EXECUTIVE SUMMARY

US INST CONTROL..... Sites with Institutional Controls

Federal ERNS list

ERNS..... Emergency Response Notification System

State- and tribal - equivalent CERCLIS

SHWS..... Inventory of Hazardous Disposal Sites

State and tribal landfill and/or solid waste disposal site lists

SWF/LF..... List of Landfills/Transfer Stations

State and tribal leaking storage tank lists

INDIAN LUST..... Leaking Underground Storage Tanks on Indian Land

State and tribal registered storage tank lists

FEMA UST..... Underground Storage Tank Listing

AST..... Marine Terminals and Tank Information

INDIAN UST..... Underground Storage Tanks on Indian Land

State and tribal institutional control / engineering control registries

ENG CONTROLS..... Engineering Controls Listing

AUL..... ELUR Sites

State and tribal voluntary cleanup sites

INDIAN VCP..... Voluntary Cleanup Priority Listing

State and tribal Brownfields sites

BROWNFIELDS..... Brownfields Inventory

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS..... A Listing of Brownfields Sites

Local Lists of Landfill / Solid Waste Disposal Sites

SWRCY..... Recycling Facilities

INDIAN ODI..... Report on the Status of Open Dumps on Indian Lands

DEBRIS REGION 9..... Torres Martinez Reservation Illegal Dump Site Locations

ODI..... Open Dump Inventory

IHS OPEN DUMPS..... Open Dumps on Indian Land

Local Lists of Hazardous waste / Contaminated Sites

US HIST CDL..... Delisted National Clandestine Laboratory Register

EXECUTIVE SUMMARY

CDL..... Clandestine Drug Lab Listing
US CDL..... National Clandestine Laboratory Register

Local Land Records

CT PROPERTY..... Property Transfer Filings
LIENS..... Environmental Liens Listing
LIENS 2..... CERCLA Lien Information

Records of Emergency Release Reports

HMIRS..... Hazardous Materials Information Reporting System
SPILLS..... Oil & Chemical Spill Database
SPILLS 90..... SPILLS 90 data from FirstSearch

Other Ascertainable Records

RCRA NonGen / NLR..... RCRA - Non Generators / No Longer Regulated
FUDS..... Formerly Used Defense Sites
DOD..... Department of Defense Sites
SCRD DRYCLEANERS..... State Coalition for Remediation of Drycleaners Listing
US FIN ASSUR..... Financial Assurance Information
EPA WATCH LIST..... EPA WATCH LIST
2020 COR ACTION..... 2020 Corrective Action Program List
TSCA..... Toxic Substances Control Act
TRIS..... Toxic Chemical Release Inventory System
SSTS..... Section 7 Tracking Systems
ROD..... Records Of Decision
RMP..... Risk Management Plans
RAATS..... RCRA Administrative Action Tracking System
PRP..... Potentially Responsible Parties
PADS..... PCB Activity Database System
ICIS..... Integrated Compliance Information System
FTTS..... FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
MLTS..... Material Licensing Tracking System
COAL ASH DOE..... Steam-Electric Plant Operation Data
COAL ASH EPA..... Coal Combustion Residues Surface Impoundments List
PCB TRANSFORMER..... PCB Transformer Registration Database
RADINFO..... Radiation Information Database
HIST FTTS..... FIFRA/TSCA Tracking System Administrative Case Listing
DOT OPS..... Incident and Accident Data
CONSENT..... Superfund (CERCLA) Consent Decrees
INDIAN RESERV..... Indian Reservations
FUSRAP..... Formerly Utilized Sites Remedial Action Program
UMTRA..... Uranium Mill Tailings Sites
LEAD SMELTERS..... Lead Smelter Sites
US AIRS..... Aerometric Information Retrieval System Facility Subsystem
US MINES..... Mines Master Index File
ABANDONED MINES..... Abandoned Mines
FINDS..... Facility Index System/Facility Registry System
ECHO..... Enforcement & Compliance History Information
UXO..... Unexploded Ordnance Sites
DOCKET HWC..... Hazardous Waste Compliance Docket Listing
FUELS PROGRAM..... EPA Fuels Program Registered Listing

EXECUTIVE SUMMARY

AIRS.....	Permitted Air Sources Listing
ASBESTOS.....	Asbestos Notification Listing
DRYCLEANERS.....	Drycleaner Facilities
ENF.....	Enforcement Case Listing
Financial Assurance.....	Financial Assurance Information Listing
LEAD.....	Lead Inspection Database
LWDS.....	Connecticut Leachate and Wastewater Discharge Sites
NPDES.....	Wastewater Permit Listing
SEH.....	List of Significant Environmental Hazards Report to DEEP
UIC.....	Underground Injection Control Listing

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP.....	EDR Proprietary Manufactured Gas Plants
EDR Hist Cleaner.....	EDR Exclusive Historical Cleaners

EDR RECOVERED GOVERNMENT ARCHIVES

Exclusive Recovered Govt. Archives

RGA HWS.....	Recovered Government Archive State Hazardous Waste Facilities List
RGA LUST.....	Recovered Government Archive Leaking Underground Storage Tank

SURROUNDING SITES: SEARCH RESULTS

Surrounding sites were identified in the following databases.

Elevations have been determined from the USGS Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified. Sites with an elevation equal to or higher than the target property have been differentiated below from sites with an elevation lower than the target property.

Page numbers and map identification numbers refer to the EDR Radius Map report where detailed data on individual sites can be reviewed.

Sites listed in ***bold italics*** are in multiple databases.

Unmappable (orphan) sites are not considered in the foregoing analysis.

STANDARD ENVIRONMENTAL RECORDS

State- and tribal - equivalent CERCLIS

SDADB: Site Discovery and Assessment Database.

A review of the SDADB list, as provided by EDR, and dated 04/23/2010 has revealed that there are 2 SDADB sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
ROBERT MORRIS PROPER Facility Id: 2129	6 STEEPLE TOP ROAD	E 1/8 - 1/4 (0.249 mi.)	14	63
<i>RESIDENTIAL PROPERTY</i>	<i>1 BITTERSWEET TRAIL</i>	<i>ESE 1/4 - 1/2 (0.339 mi.)</i>	<i>22</i>	<i>92</i>

EXECUTIVE SUMMARY

Facility Id: 3539

State and tribal leaking storage tank lists

LUST: The Leaking Underground Storage Tank Incident Reports contain an inventory of reported leaking underground storage tank incidents. The data come from the Department of Environmental Protection's Leaking Underground Storage Tank List.

A review of the LUST list, as provided by EDR, and dated 11/01/2018 has revealed that there are 25 LUST sites within approximately 0.5 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MR. DOUGLAS TRAVER Lust Status: 4 LUST Id: 33090	5 PHEASANT RUN ROAD	W 1/8 - 1/4 (0.173 mi.)	C7	43
MELERICK RESIDENCE Lust Status: 2 LUST Id: 30018	20 BRIDAL TRANE LN.	SSW 1/8 - 1/4 (0.205 mi.)	D9	48
BILL TYRELL Lust Status: 4 LUST Id: 28548	47 FIVE MILE RIVER R	SSW 1/8 - 1/4 (0.209 mi.)	D11	51
JOAN DEAN Lust Status: 4 LUST Id: 33187	R119 ROWAYTON AVE	NNE 1/8 - 1/4 (0.219 mi.)	12	56
SPENCER MCILMURRAY Lust Status: 4 LUST Id: 33215	27 PHEASANT RUN	WSW 1/8 - 1/4 (0.238 mi.)	13	60
MCGOVERN Lust Status: 4 LUST Id: 34135	17 THOMES ST.	NE 1/4 - 1/2 (0.265 mi.)	15	65
MR. LANG Lust Status: 4 LUST Id: 34850	4 LITTLEBROOK RD.	NNW 1/4 - 1/2 (0.298 mi.)	16	69
MR. GILLESPIE Lust Status: 4 LUST Id: 36612	189 ROWATON AVE.	SE 1/4 - 1/2 (0.303 mi.)	E17	73
GILLESPIE RESIDENCE Lust Status: 4 LUST Id: 36435	189 ROWAYTON AVENUE	SE 1/4 - 1/2 (0.303 mi.)	E18	77
MR. & MRS. ROBERTS Lust Status: 1 LUST Id: 37286	# 1 HARRIET LANE	W 1/4 - 1/2 (0.306 mi.)	19	81
DAVID LLEWELYN Lust Status: 4 LUST Id: 34104	11 HARRIET LANE	WNW 1/4 - 1/2 (0.312 mi.)	20	85
NAOROZ Lust Status: 4 LUST Id: 37227	12 LITTLE BROOK RD.	ENE 1/4 - 1/2 (0.317 mi.)	21	89
RESIDENTIAL PROPERTY	1 BITTERSWEET TRAIL	ESE 1/4 - 1/2 (0.339 mi.)	22	92

EXECUTIVE SUMMARY

Lust Status: 4 LUST Id: 35840				
YAMASAKI Lust Status: 4 LUST Id: 34094	26 CHASMARS POND RD.	N 1/4 - 1/2 (0.383 mi.)	23	97
UNKNOWN Lust Status: 3 Lust Status: 4 LUST Id: 32958 LUST Id: 33145	2 DRIFTWAY	W 1/4 - 1/2 (0.386 mi.)	F25	102
LIPPA RESIDENCE Lust Status: 4 LUST Id: 29940	73 CROOKED TRAIL	ENE 1/4 - 1/2 (0.394 mi.)	26	109
MANGAN Lust Status: 4 LUST Id: 33209	212 TOKENEKE ROAD	W 1/4 - 1/2 (0.406 mi.)	F27	112
MILLER RESIDENCE Lust Status: 4 LUST Id: 32835	22 DRIFTWAY LANE	WSW 1/4 - 1/2 (0.417 mi.)	28	116
JOHN RILEY Lust Status: 4 LUST Id: 36222	23 LEDGE ROAD	ENE 1/4 - 1/2 (0.427 mi.)	30	122
MARRON Lust Status: 4 LUST Id: 34326	18 CHASMARS POND RD.	N 1/4 - 1/2 (0.439 mi.)	31	126
MR. VANDEVEER Lust Status: 4 LUST Id: 35051	12 LEDGE ROAD	E 1/4 - 1/2 (0.441 mi.)	32	130
FRANK GAUTHIER Lust Status: 4 LUST Id: 33342	22 WILSON AVE	SE 1/4 - 1/2 (0.461 mi.)	34	135
MR. NICHOLS Lust Status: 4 LUST Id: 32808	32 ARNOLD LANE	NE 1/4 - 1/2 (0.473 mi.)	35	139
Lower Elevation	Address	Direction / Distance	Map ID	Page
TOKENEKE Lust Status: 4 LUST Id: 30223	5 FIVE MILE RIVER RD	SW 0 - 1/8 (0.091 mi.)	A3	29
CUDNEY RESIDENCE Lust Status: 4 LUST Id: 29408	15 FIVE MILE RIVER R	SW 1/8 - 1/4 (0.147 mi.)	6	40

EXECUTIVE SUMMARY

State and tribal registered storage tank lists

UST: The Underground Storage Tank database contains registered USTs. USTs are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA). The data come from the Department of Environmental Protection's "Town Inventory" UST Listing.

A review of the UST list, as provided by EDR, and dated 12/04/2018 has revealed that there are 2 UST sites within approximately 0.25 miles of the target property.

<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOKENEKE TEXACO Facility Id: 35-4827 Tank Status: Permanently Closed	285 TOKENEKE RD	WSW 0 - 1/8 (0.121 mi.)	B4	35

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
TOKENEKE SERVICE INC Facility Id: 35-4939 Tank Status: Permanently Closed Tank Status: Currently In Use	5 5 MILE RIVER RD	SW 0 - 1/8 (0.091 mi.)	A1	8

State and tribal voluntary cleanup sites

VCP: Sites involved in the Voluntary Remediation Program.

A review of the VCP list, as provided by EDR, and dated 11/14/2018 has revealed that there is 1 VCP site within approximately 0.5 miles of the target property.

<u>Lower Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MIDWAY CLEANERS Status: Investigation and remediation verified by an LEP. No audit performed	158-164 ROWAYTON AVE	SSE 1/4 - 1/2 (0.425 mi.)	29	120

ADDITIONAL ENVIRONMENTAL RECORDS

Other Ascertainable Records

CPCS: A list of Contaminated or Potentially Contaminated Sites within Connecticut. This list represents the "Hazardous Waste Facilities," as defined in Section 22a-134f of the Connecticut General Statutes (CGS). The list contains the following types of sites: Sites listed on the Inventory of Hazardous Waste Disposal Sites; Sites subject to the Property Transfer Act; Sites at which underground storage tanks are known to have leaked; Sites at which hazardous waste subject to the RCRA; Sites that are included in EPA's (CERCLIS); Sites that are the subject of an order issued by the Commissioner of DEP that requires investigation and remediation of a potential or known source of pollution; and Sites that have entered into one of the Department's Voluntary Remediation Programs.

A review of the CPCS list, as provided by EDR, and dated 11/14/2018 has revealed that there are 28 CPCS sites within approximately 0.5 miles of the target property.

EXECUTIVE SUMMARY

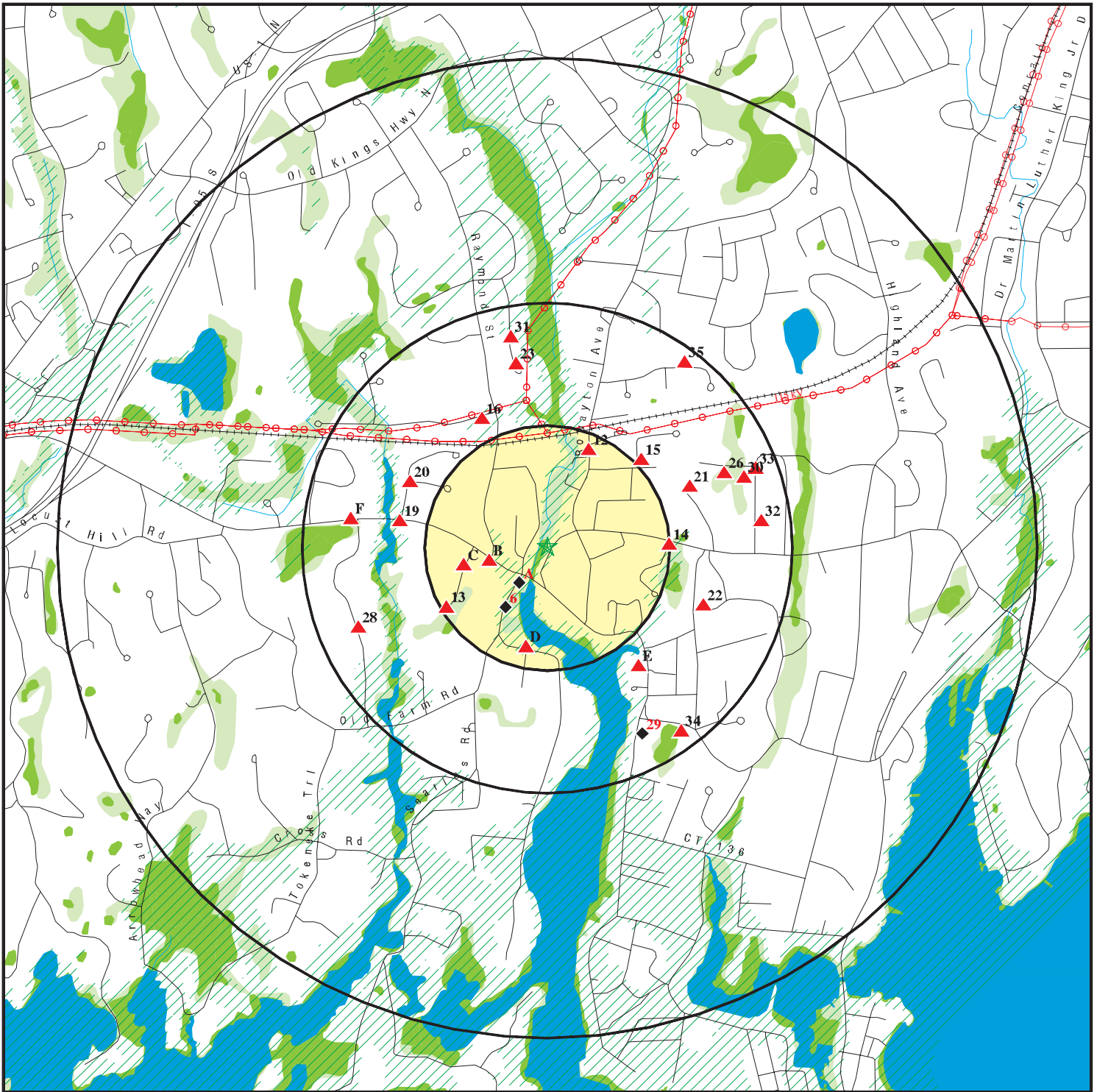
<u>Equal/Higher Elevation</u>	<u>Address</u>	<u>Direction / Distance</u>	<u>Map ID</u>	<u>Page</u>
MR. DOUGLAS TRAVER Lust Status: LUST Completed (DEP's significant hazard definition)	5 PHEASANT RUN ROAD	W 1/8 - 1/4 (0.173 mi.)	C8	46
MELERICK RESIDENCE Lust Status: Investigation	20 BRIDAL TRANE LN.	SSW 1/8 - 1/4 (0.205 mi.)	D9	48
BILL TYRELL Lust Status: LUST Completed (DEP's significant hazard definition)	47 FIVE MILE RIVER R	SSW 1/8 - 1/4 (0.209 mi.)	D10	51
JOAN DEAN Lust Status: LUST Completed (DEP's significant hazard definition)	R119 ROWAYTON AVE	NNE 1/8 - 1/4 (0.219 mi.)	12	56
SPENCER MCILMURRAY Lust Status: LUST Completed (DEP's significant hazard definition)	27 PHEASANT RUN	WSW 1/8 - 1/4 (0.238 mi.)	13	60
MCGOVERN Lust Status: LUST Completed (DEP's significant hazard definition)	17 THOMES ST.	NE 1/4 - 1/2 (0.265 mi.)	15	65
MR. LANG Lust Status: LUST Completed (DEP's significant hazard definition)	4 LITTLEBROOK RD.	NNW 1/4 - 1/2 (0.298 mi.)	16	69
MR. GILLESPIE Lust Status: LUST Completed (DEP's significant hazard definition)	189 ROWATON AVE.	SE 1/4 - 1/2 (0.303 mi.)	E17	73
GILLESPIE RESIDENCE Lust Status: LUST Completed (DEP's significant hazard definition)	189 ROWAYTON AVENUE	SE 1/4 - 1/2 (0.303 mi.)	E18	77
MR. & MRS. ROBERTS Lust Status: Pending	# 1 HARRIET LANE	W 1/4 - 1/2 (0.306 mi.)	19	81
DAVID LLEWELYN Lust Status: LUST Completed (DEP's significant hazard definition)	11 HARRIET LANE	WNW 1/4 - 1/2 (0.312 mi.)	20	85
NAOROZ Lust Status: LUST Completed (DEP's significant hazard definition)	12 LITTLE BROOK RD.	ENE 1/4 - 1/2 (0.317 mi.)	21	89
RESIDENTIAL PROPERTY Lust Status: LUST Completed (DEP's significant hazard definition)	1 BITTERSWEET TRAIL	ESE 1/4 - 1/2 (0.339 mi.)	22	92
YAMASAKI Lust Status: LUST Completed (DEP's significant hazard definition)	26 CHASMARS POND RD.	N 1/4 - 1/2 (0.383 mi.)	23	97
BRYAN Lust Status: LUST Completed (DEP's significant hazard definition)	2 DRIFTWAY LANE	W 1/4 - 1/2 (0.386 mi.)	F24	101
UNKNOWN Lust Status: Cleanup Initiated	2 DRIFTWAY	W 1/4 - 1/2 (0.386 mi.)	F25	102
LIPPA RESIDENCE Lust Status: LUST Completed (DEP's significant hazard definition)	73 CROOKED TRAIL	ENE 1/4 - 1/2 (0.394 mi.)	26	109
MANGAN Lust Status: LUST Completed (DEP's significant hazard definition)	212 TOKENEKE ROAD	W 1/4 - 1/2 (0.406 mi.)	F27	112
MILLER RESIDENCE Lust Status: LUST Completed (DEP's significant hazard definition)	22 DRIFTWAY LANE	WSW 1/4 - 1/2 (0.417 mi.)	28	116
JOHN RILEY Lust Status: LUST Completed (DEP's significant hazard definition)	23 LEDGE ROAD	ENE 1/4 - 1/2 (0.427 mi.)	30	122
MARRON Lust Status: LUST Completed (DEP's significant hazard definition)	18 CHASMARS POND RD.	N 1/4 - 1/2 (0.439 mi.)	31	126
MR. VANDEVEER Lust Status: LUST Completed (DEP's significant hazard definition)	12 LEDGE ROAD	E 1/4 - 1/2 (0.441 mi.)	32	130
NINA LAWRENCE	ROWAYTON 75 CROOKED	ENE 1/4 - 1/2 (0.456 mi.)	33	134

EXECUTIVE SUMMARY

Due to poor or inadequate address information, the following sites were not mapped. Count: 2 records.

<u>Site Name</u>	<u>Database(s)</u>
HOWARD KNOBLE PROPERTY	SDADB
SPERRY REMINGTON	SDADB

OVERVIEW MAP - 5555858.2S



- ★ Target Property
- ▲ Sites at elevations higher than or equal to the target property
- ◆ Sites at elevations lower than the target property
- ▲ Manufactured Gas Plants
- ☒ National Priority List Sites
- ☒ Dept. Defense Sites
- ☒ Indian Reservations BIA
- ⚡ Power transmission lines
- ▨ 100-year flood zone
- ▨ 500-year flood zone
- National Wetland Inventory
- State Wetlands



This report includes Interactive Map Layers to display and/or hide map information. The legend includes only those icons for the default map view.

SITE NAME: 1247 12 Jacobs Street Norwalk
 ADDRESS: 12 Jacobs Street
 Norwalk CT 06853
 LAT/LONG: 41.073913 / 73.446999

CLIENT: Martinez Couch & Assoc. LLC
 CONTACT: Richard Couch
 INQUIRY #: 5555858.2s
 DATE: February 07, 2019 9:46 am



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

Attachment 8 – Checklist Item 11 Documentation – Environmental Justice

2017 Designated Distressed Municipalities List

Sources: Census, 2015 American Community Survey, DOL, DOE

Compiled by DECD Research

9/1/2017

**2017 Distressed Municipalities List
Ranked by Score**

**2017 Distressed Municipalities List
In town alphabetical order**

2017 Distressed Municipalities List Ranked by Score			2017 Distressed Municipalities List In town alphabetical order		
	Total Scores			Total Scores	
New London	1422	1	Ansonia	1421	2
Ansonia	1421	2	Bridgeport	1302	7
Waterbury	1404	3	Bristol	1246	14
Derby	1364	4	Chaplin	1156	24
New Britain	1359	5	Derby	1364	4
Hartford	1336	6	East Hartford	1280	9
Bridgeport	1302	7	East Haven	1148	25
Putnam	1288	8	Enfield	1225	17
East Hartford	1280	9	Griswold	1188	18
West Haven	1270	10	Hartford	1336	6
Norwich	1263	11	Killingly	1177	21
Windham	1250	12	Meriden	1245	15
Sprague	1246	13	Montville	1161	23
Bristol	1246	14	Naugatuck	1185	19
Meriden	1245	15	New Britain	1359	5
Torrington	1237	16	New Haven	1179	20
Enfield	1225	17	New London	1422	1
Griswold	1188	18	Norwich	1263	11
Naugatuck	1185	19	Plymouth	1173	22
New Haven	1179	20	Putnam	1288	8
Killingly	1177	21	Sprague	1246	13
Plymouth	1173	22	Torrington	1237	16
Montville	1161	23	Waterbury	1404	3
Chaplin	1156	24	West Haven	1270	10
East Haven	1148	25	Windham	1250	12



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



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Attachment 10 – Checklist Item 13C, 13D, 13E, 13F Documentation – Hazardous Material Inspection
Report

NEPA ENVIRONMENTAL REVIEW REPORT

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

**Site ID No. 1247
12 Jacob Street
Norwalk, Connecticut**

July 2014

Ref. No. 104318/2/R01

Prepared for:

Merritt Construction Services, Inc.
1177 High Ridge Road
Stamford, CT 06905

Prepared by:



TABLE OF CONTENTS

1.0 - INTRODUCTION..... 1
 1.1 - Proposed Site Modifications and Work Zone 1

2.0 - PRELIMINARY INSPECTION AND RESOURCE REVIEW 2
 2.1 - Preliminary Site Inspection 2
 2.2 - Preliminary Checklist Review 2
 2.2.1 - Flood Management/Coastal Zone Management Issues (Items 2, 4, 14A and 14E) 3
 2.2.2 - Structures and Dredging Issues (Item 14B) 3
 2.2.3 - Inland Wetlands (Items 3 and 14D)..... 3
 2.2.4 - Lead Based Paint (Item 13C) 3
 2.2.5 - Asbestos Containing Materials (Item 13D)..... 3
 2.2.6 - Radon (Item 13E)..... 3
 2.2.7 - Mold (Item 13F)..... 3
 2.3 - Additional Items (Not Included in Statutory Checklist) 4

3.0 - WORK ZONE SURVEYS AND RESULTS 5
 3.1 - Lead Based Paint Inspection 5
 3.2 - Asbestos Sampling 5
 3.3 - Airborne Radon Sampling 6
 3.4 - PCB Sampling 7
 3.5 - Mold Inspection 7

4.0 - CONTRACTOR BID ITEMS 9

5.0 - CONCLUSIONS AND RECOMMENDATIONS 10

6.0 - LIMITATIONS 11

7.0 - SIGNATURES OF REPORT AUTHORS..... 13

FIGURES

- Figure 1 Site Location Map
- Figure 2 Site Diagram

APPENDICES

- Appendix A Public Resource Maps
- Appendix B Photographs of Work Area and Mold Inspection Photographs
- Appendix C Rosters of Building Materials Surveyed
- Appendix D Laboratory Analytical Data

1.0 - INTRODUCTION

Triton Environmental, Inc. (Triton) has prepared this National Environmental Policy Act (NEPA) evaluation for the property located at 12 Jacob Street in Norwalk, Connecticut (the site) on behalf of Merritt Construction Services, Inc. (Merritt). The location of the site is depicted on Figure 1. The NEPA review is being prepared as a required component of the Community Development Block Grant – Disaster Recovery (CDBG-DR) program for properties impacted by Superstorm Sandy. The CDBG-DR program, run by the U.S. Department of Housing and Urban Development (HUD), provides funding to address repairs to certain impacted Connecticut properties. In order to receive funding from HUD, an environmental review of applicable properties is required.

The project is considered “categorically excluded” from NEPA. However, the project is still subject to additional statutory requirements. As such, Triton has completed the Statutory Checklist for state and federal laws, regulations, and Executive Orders (other than NEPA) in accordance with 24 CFR 58.5 and 58.6. In addition, Triton has completed specific testing at the site, as described in detail in this report.

1.1 - Proposed Site Modifications and Work Zone

Triton has completed two building materials testing events at the site. During the initial event, the anticipated scope of work was to elevate the dwelling above the flood plain. It was then determined that the total cost of the project would exceed \$150,000.00, at which point the proposed scope of work was transitioned to full demolition and rebuilding of the dwelling. As such, the work zone as described by Merritt consists of the entire interior and exterior of the structure.

2.0 - PRELIMINARY INSPECTION AND RESOURCE REVIEW

2.1 - Preliminary Site Inspection

As a preliminary step in the NEPA evaluation, Triton completed an initial inspection of the site, focused on the work zone described in Section 1.1. The inspection was completed on March 5, 2014, by Mr. Brian Sirowich of Triton, accompanied by Mr. Andrew Peters of Merritt.

During the inspection, the following items were noted within the work zone that required further evaluation:

- Suspect asbestos containing materials;
- Potential lead based paint;
- Potential radon;
- Potential polychlorinated biphenyls (PCBs); and
- Visible mold.

Photographs of the work zone area are included as Appendix B.

2.2 - Preliminary Checklist Review

Following the initial site inspection, a preliminary statutory checklist review was completed in order to determine which items in the checklist did not apply to the site, and which items required additional evaluation and/or on-site surveys. As a component of the preliminary checklist review, Triton reviewed readily available resource maps, as well as online environmental databases. Copies of the maps reviewed are provided in Appendix A.

Based on the site inspection and the review of applicable public resource materials, each of the items identified on the Statutory Checklist have been assigned a code of “Not Applicable to This Project,” with the exception of the items identified below:

2.2.1 - Flood Management/Coastal Zone Management Issues (Items 2, 4, 14A and 14E)

The site is located within the coastal zone boundary. As such, a Coastal Area Management (CAM) Site Plan Review Application is required to be submitted to the Norwalk Zoning Commission (unless otherwise exempted). It is our understanding that the DEEP has approved a Flood Management Certificate for all CDBG-DR projects. Work shall be conducted in accordance with the conditions of the Certificate.

2.2.2 - Structures and Dredging Issues (Item 14B)

The project involves work waterward of the Coastal Jurisdiction Line. As such, a Structures, Dredging & Fill permit will be required from the DEEP Office of Long Island Sound Programs.

2.2.3 - Inland Wetlands (Items 3 and 14D)

The work zone is located within the wetland setback area associated with Five Mile River. As such, a permit from the Town of Norwalk will be required for the proposed work.

2.2.4 - Lead Based Paint (Item 13C)

Based on the site inspection and the age of the building (1961), potential lead based paint was observed within the work zone.

2.2.5 - Asbestos Containing Materials (Item 13D)

Based on the site inspection, potential asbestos containing materials were observed in the work zone.

2.2.6 - Radon (Item 13E)

Based on the Indoor Radon Potential Map of Connecticut published by the EPA (1997), the site is located in a moderate to high radon potential zone.

2.2.7 - Mold (Item 13F)

Based on the site inspection, visible mold was identified within the work zone.

2.3 - Additional Items (Not Included in Statutory Checklist)

Although not specifically listed on the Statutory Checklist, Triton identified the following additional potential issues associated with the project:

- Based on the site inspection, potential PCB containing building materials were observed in the work zone.

3.0 - WORK ZONE SURVEYS AND RESULTS

Based on the preliminary inspection of the work zone, Triton identified several items requiring further testing and evaluation as part of the environmental review.

3.1 - Lead Based Paint Inspection

The subject structure was reportedly constructed prior to 1978. As such, testing for the potential presence of lead in painted surfaces was conducted using X-Ray Fluorescence (XRF) testing on April 7 and May 15, 2014 for the purpose of complying with the EPA's Renovation, Repair, and Painting Rule (RRP). Because the work zone includes the entire structure (demolition) the inspection included all painted surfaces on both interior and exterior building materials. The survey was completed by a Connecticut certified lead paint inspector. The surveys were completed using a Niton XL-300A XRF instrument.

XRF readings were taken at a total of 42 locations of nine distinct building materials on the interior and exterior of the structure. Appendix C contains a spreadsheet summarizing the results. The results of the XRF testing indicate that none of the painted building materials screened contained lead concentrations greater than the action level of 1 mg/cm² (0.5% by weight).

In accordance with the HUD Lead Safe Housing Rule Subpart B (section 35.115) a residential property found not to have lead based paint by a lead based paint inspection is exempt from Subparts B through R of the rule. As such, performance of a lead hazard risk assessment is not believed to be required for this property.

3.2 - Asbestos Sampling

An asbestos survey was completed for the work zone on April 7 and May 15, 2014. In accordance with the EPA National Emission Standards for Hazardous Air Pollutants (NESHAP) regulation 40 CFR Part 61 (Subpart M), a property owner must ensure that a thorough inspection for asbestos-containing materials is completed prior to possible disturbance during renovation or demolition. A walk-through and inspection of the building was conducted by a Connecticut licensed inspector to identify suspect ACM. Once the

location and quantity of each suspect ACM was documented, up to three representative samples of each suspect material was collected. In accordance with EPA protocols, the samples of each suspect ACM were submitted to a state licensed laboratory and analyzed via the PLM method (EPA 600/R-93/116 Method). To avoid unnecessary sample analysis, the laboratory did not analyze duplicate homogeneous samples once asbestos was detected at concentrations greater than 1% in a related sample.

A total of 25 samples were collected from nine homogeneous building materials within the work zone. Some samples were further subdivided at the laboratory for discrete testing resulting in the reporting of 28 results. The results indicated that none of the building materials contained asbestos greater than one percent which is considered non-asbestos containing. A roster of the building materials suspected of containing asbestos (and subsequent samples) is attached as Appendix C. The laboratory analytical report is attached as Appendix D.

3.3 - Airborne Radon Sampling

Radon gas is a product of the decay series that begins with uranium. It is produced directly from radium, which can be commonly found in bedrock that contains black shale and/or granite. Radon gas can migrate through the ground and enter buildings through porous concrete or fractures and tends to accumulate in poorly ventilated basements. Long-term exposure to radon has been associated with lung cancer.

Triton conducted a radon assessment of the lowest livable space at the site (the first floor level). Two radon test kits were deployed (a sample and a duplicate) at the lowest level of the building on April 7, 2014 and allowed to sample radon levels for approximately 52 hours. The EPA has established the guideline of 4 pCi/L as an “elevated” indoor radon level. The laboratory indicated results of 0.2 pCi/L and 0.4 pCi/L for the subject site, both of which are below the EPA guideline of 4.0 pCi/L. Laboratory analytical results are attached in Appendix D.

3.4 - PCB Sampling

Caulk/sealant sampling was conducted by Triton on April 7 and May 15, 2014. Prior to sampling, Triton conducted a visual survey of the work zone for potentially PCB containing caulks and sealants. A sampling plan was then developed in order to collect a set of samples that were representative of the various materials observed. Where a significant number of homogeneous window units are present, the USEPA recommends that a minimum of 5% of windows be sampled to generate a statistically significant data set for each sealant type.

The following table summarizes the various types of materials that were observed, and the number of samples that were collected from each material type.

Sealant Material	Location	Number of Locations	Number of Samples Collected (5% Minimum)
Spray foam	Basement	multiple	1 (S1)
Black gasket	Roof vent pipe	1	1 (PCB1)
Tar	Roof	NA	1 (PCB2)

As indicated, three samples were collected from the work zone that are believed to provide a representative evaluation of the potentially PCB-containing materials observed. The samples were collected using hand tools (e.g. utility knife). Sampling was completed for purposes of: (1) identifying representative samples, (2) visually inspecting the windows miscellaneous materials, and (3) obtaining representative samples for laboratory analyses. The samples were analyzed for PCBs by EPA Method 8082 (using the soxhlet extraction method).

PCBs were not detected in the sample S-1 collected from spray foam sealant in the basement, the PCB1 sample collected from gasket around the roof vent, or the PCB2 sample collected from roof tar material. The laboratory analytical testing data is provided in Appendix D.

3.5 - Mold Inspection

Triton completed a visual mold inspection of the work area on April 7, 2014. Mold was observed on concrete walls of the basement, on the wooden ceiling joist in the basement,

on insulation in the basement, and possibly on untreated wooden roof beams in the ground floor. Although not directly observed, it is possible that mold is present on both wooden surfaces and insulation behind walls on the ground floor. Photographs of the apparent mold are provided in Appendix B.

4.0 - CONTRACTOR BID ITEMS

The building materials surveys completed by Triton within the dwelling did not result in the identification of asbestos, lead paint, PCBs, or radon. Mold was the only concern that was found to be present based on the results of the testing. Due to the intended demolition of the dwelling, abatement for mold does not appear to be necessary. Triton recommends that the demolition contractor be advised of the presence of mold within the structure such that workers can be prepared with appropriate health and safety protection.

5.0 - CONCLUSIONS AND RECOMMENDATIONS

Based on the results of NEPA evaluation and specific on-site surveys, it has been determined that this project cannot convert to Exempt per § 58.34(a)(12) at this time because one or more statutes/authorities require consultation or mitigation, as follows:

1. Flood Management/Coastal Zone Management Issues – the site is located within the coastal zone boundary. As such, a Coastal Area Management (CAM) Site Plan Review Application is required to be submitted to the Norwalk Zoning Commission (unless otherwise exempted). It is our understanding that the DEEP has approved a Flood Management Certificate for all CDBG-DR projects. Work shall be conducted in accordance with the conditions of the Certificate.
2. Inland Wetlands – The site is located within the regulated area (upland review area) associated with the Five Mile River. As such, a permit from the Norwalk Inland Wetlands Agency will be required (unless otherwise exempted by the City of Norwalk). It is our understanding that project civil engineer will pursue these approvals.
3. Coastal Permitting – the project involves work waterward of the Coastal Jurisdiction Line. As such, a Structures, Dredging & Fill permit will be required from the DEEP Office of Long Island Sound Programs. Triton will prepare and submit the permit application based on design drawings and information provided by the project architect.
4. Mold – Mold was observed on various concrete and wooden surfaces in the basement, on insulation in the basement, and possibly on untreated wooden ceiling beams in the ground floor. Mold may be present in areas that could not be observed during the inspection (i.e. behind walls). Additional mold impacted surfaces may be encountered during renovation in spaces that were inaccessible or not apparent during the inspection. Due to the intended demolition of the dwelling, abatement for mold does not appear to be necessary. Triton recommends that the demolition contractor be advised of the presence of mold within the structure such that workers can be prepared with appropriate health and safety protection.

The above items should be completed such that the project can transition to Exempt status per § 58.34(a)(12).

6.0 - LIMITATIONS

The tasks completed were performed specifically within the work zone that has been specified to Triton by the Merritt project manager (such zone may change as the project develops and re-inspection by Triton will be required). In addition, the scope of work was limited to those items that are part of the NEPA review process with the exception of PCB sampling, which was performed as an emergency concern regarding worker/occupant health and safety and for proper disposal practices. As such, Triton provides no warranty or opinion regarding conditions outside of the work area, or related to additional environmental conditions outside of the NEPA review process.

In some circumstances, Triton has relied upon available resource maps and/or visual observations to evaluate specific statutory items. In these circumstances, actual surveys have not been conducted. For example, a full wetland delineation and elevation survey with respect to the coastal jurisdiction line has not been completed. Rather, Triton has relied upon available inland wetland and tidal wetland maps (and visual observations) to complete this review.

The completion of the NEPA screen process does not constitute completion of an Environmental Assessment (EA) or a Phase I Environmental Site Assessment.

The ACM, LBP, radon, mold, and PCB inspections were completed for accessible materials within the work zone only (as defined in Section 1.1) and involved the use of selective sampling and non-destructive sampling techniques to access visible suspect materials. A lead risk assessment in accordance with 24 CFR Part 35 has yet to be performed. Although efforts were made to diligently inspect all windows and other building materials, in completing the material survey it should be noted that additional suspect materials or mold may be present behind or beneath building components that were not readily accessible. If suspect, ACM, LBP, and PCB containing materials are encountered during replacement activities, work should be halted until the materials are submitted for laboratory analysis. If mold is identified during replacement activities, it should be abated. As such, Merritt should consider having an environmental professional familiar with the project on site to aid in identifying and sampling potential materials. In most instances, CT DPH does not recommend analytical testing of the air or surfaces to find out how much or what kind of mold is present. As such, Triton's scope of

work has focused on a visual and olfactory evaluation. If requested by the homeowner, such testing can be provided both prior to, and following abatement.

In completing the survey, Triton has relied upon information provided by the client and subcontractors (i.e., testing laboratories). Triton provides no warranty regarding the accuracy and completeness of the information provided by subcontractors. A statistical methodology was used during the materials sampling (consistent with the 5% guidance recommended by EPA). Since not all materials were sampled, Triton cannot guarantee that additional materials are not present which contain higher concentrations. Without additional samples of embedded window materials for PCBs, the need for future EPA involvement cannot be confirmed.

All abatement/renovation activities should be conducted in accordance with all applicable local, state, and federal regulations and Occupational Safety and Health Association (OSHA) guidelines.

This report is intended solely to summarize the results of the ACM, PCB, radon, and XRF lead testing, and mold inspection conducted at the site. This report is not intended to serve as a technical specification for abatement and should not be used as such. All abatement activities should be conducted in accordance with applicable local, state, and federal regulations and OSHA guidelines.

This NEPA Report was prepared specifically for Merritt Construction Services, Inc. and the State of Connecticut. No person or other body shall be entitled to rely upon or use information presented in this report without written consent of Merritt Construction Services, Inc., the State of Connecticut, and Triton Environmental, Inc.

7.0 - SIGNATURES OF REPORT AUTHORS

This report has been prepared by Triton Environmental, Inc. The names listed below are the principal authors of this report. Requests for information regarding the content of this report should be directed to those individuals.



David Vasiliou, LEP
Senior Project Manager

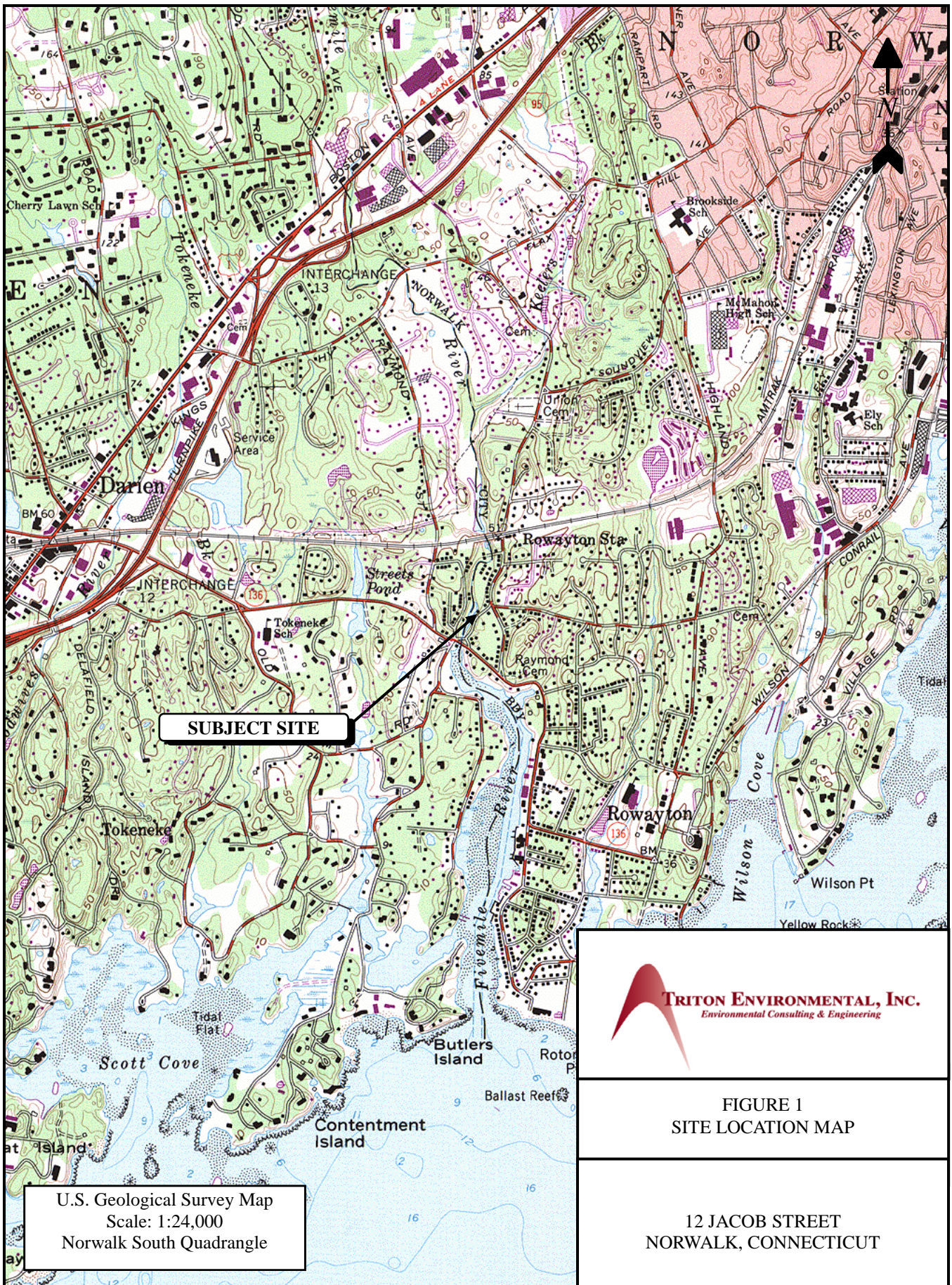


J. Carver Glezen, LEP
Senior Vice President



Christopher E. Marchesi
President

FIGURES



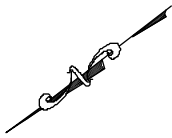
SUBJECT SITE

U.S. Geological Survey Map
 Scale: 1:24,000
 Norwalk South Quadrangle

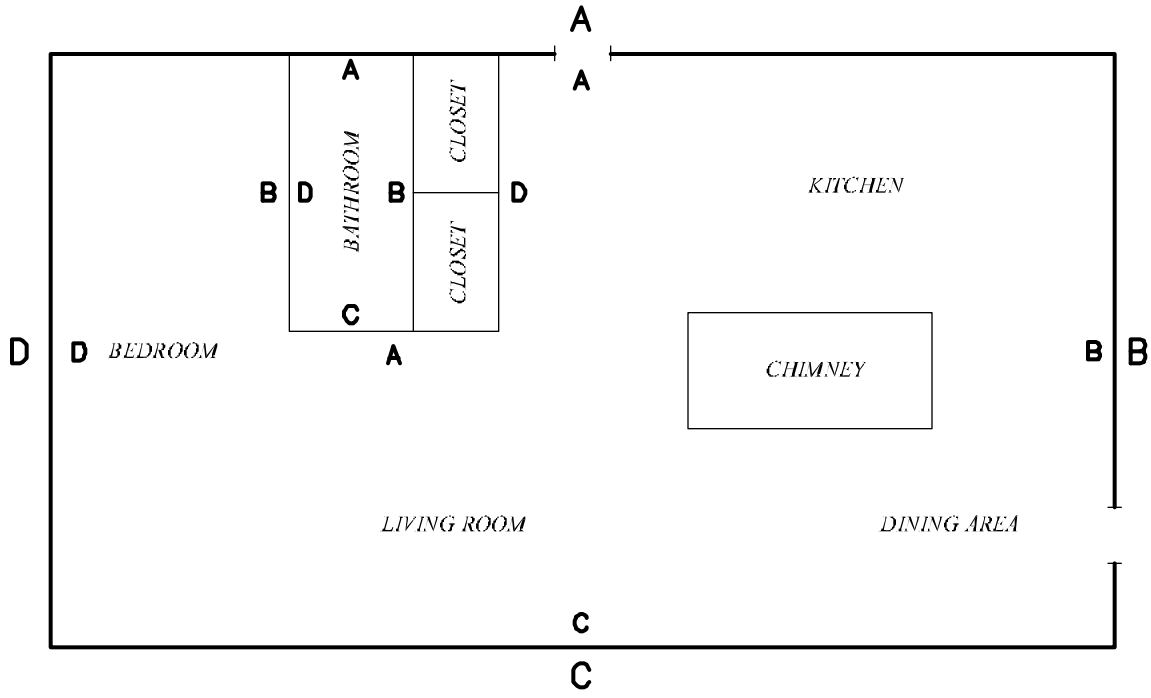


FIGURE 1
SITE LOCATION MAP

12 JACOB STREET
NORWALK, CONNECTICUT



JACOB STREET



**NOT TO SCALE – SKETCH ONLY
FOR ILLUSTRATIVE PURPOSES**

NOTES:

1. THE LOCATION OF ALL STRUCTURES, EQUIPMENT, DELINEATIONS AND OTHER FEATURES PRESENTED ON THIS DRAWING SHOULD BE CONSIDERED APPROXIMATE. THIS DRAWING SHOULD ONLY BE USED FOR GENERAL PRESENTATION PURPOSES AND SHOULD NOT BE USED FOR CONSTRUCTION PURPOSES. TRITON MAKES NO WARRANTY AS TO THE CORRECTNESS OR THE COMPLETENESS OF THE INFORMATION CONTAINED IN THIS DRAWING, AND THE USER ASSUMES ALL RISK OF LOSS TO PERSONS AND PROPERTY FROM RELIANCE THEREON.



TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

385 Church Street, Suite 201 • Guilford, Connecticut 06437 • 203.458.7200

FIGURE 2

SITE DIAGRAM

APPLICANT #1247
12 JACOB STREET
NORWALK, CONNECTICUT

DRAWN BY: FSM	APPROVED BY: DSV
DATE: 6/20/14	SCALE: N.T.S. FILE No.:104318-12JACOB

Appendix A
Public Resource Maps



United States Department of the Interior



FISH AND WILDLIFE SERVICE
New England Ecological Services Field Office
70 COMMERCIAL STREET, SUITE 300
CONCORD, NH 3301
PHONE: (603)223-2541 FAX: (603)223-0104
URL: www.fws.gov/newengland

Consultation Tracking Number: 05E1NE00-2014-SLI-0370

June 04, 2014

Project Name: #1247 12 jacob st norwalk

Subject: List of threatened and endangered species that may occur in your proposed project location, and/or may be affected by your proposed project.

To Whom It May Concern:

The enclosed species list identifies threatened, endangered, proposed and candidate species, as well as proposed and final designated critical habitat, that may occur within the boundary of your proposed project and/or may be affected by your proposed project. The species list fulfills the requirements of the U.S. Fish and Wildlife Service (Service) under section 7(c) of the Endangered Species Act (Act) of 1973, as amended (16 U.S.C. 1531 *et seq.*).

New information based on updated surveys, changes in the abundance and distribution of species, changed habitat conditions, or other factors could change this list. Please feel free to contact us if you need more current information or assistance regarding the potential impacts to federally proposed, listed, and candidate species and federally designated and proposed critical habitat. Please note that under 50 CFR 402.12(e) of the regulations implementing section 7 of the Act, the accuracy of this species list should be verified after 90 days. This verification can be completed formally or informally as desired. The Service recommends that verification be completed by visiting the ECOS-IPaC website at regular intervals during project planning and implementation for updates to species lists and information. An updated list may be requested through the ECOS-IPaC system by completing the same process used to receive the enclosed list.

The purpose of the Act is to provide a means whereby threatened and endangered species and the ecosystems upon which they depend may be conserved. Under sections 7(a)(1) and 7(a)(2) of the Act and its implementing regulations (50 CFR 402 *et seq.*), Federal agencies are required to utilize their authorities to carry out programs for the conservation of threatened and endangered species and to determine whether projects may affect threatened and endangered species and/or designated critical habitat.

A Biological Assessment is required for construction projects (or other undertakings having

similar physical impacts) that are major Federal actions significantly affecting the quality of the human environment as defined in the National Environmental Policy Act (42 U.S.C. 4332(2) (c)). For projects other than major construction activities, the Service suggests that a biological evaluation similar to a Biological Assessment be prepared to determine whether the project may affect listed or proposed species and/or designated or proposed critical habitat. Recommended contents of a Biological Assessment are described at 50 CFR 402.12.

If a Federal agency determines, based on the Biological Assessment or biological evaluation, that listed species and/or designated critical habitat may be affected by the proposed project, the agency is required to consult with the Service pursuant to 50 CFR 402. In addition, the Service recommends that candidate species, proposed species and proposed critical habitat be addressed within the consultation. More information on the regulations and procedures for section 7 consultation, including the role of permit or license applicants, can be found in the "Endangered Species Consultation Handbook" at:

<http://www.fws.gov/endangered/esa-library/pdf/TOC-GLOS.PDF>

Please be aware that bald and golden eagles are protected under the Bald and Golden Eagle Protection Act (16 U.S.C. 668 *et seq.*), and projects affecting these species may require development of an eagle conservation plan (http://www.fws.gov/windenergy/eagle_guidance.html). Additionally, wind energy projects should follow the wind energy guidelines (<http://www.fws.gov/windenergy/>) for minimizing impacts to migratory birds and bats.

Guidance for minimizing impacts to migratory birds for projects including communications towers (e.g., cellular, digital television, radio, and emergency broadcast) can be found at: <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/towers.htm>; <http://www.towerkill.com>; and <http://www.fws.gov/migratorybirds/CurrentBirdIssues/Hazards/towers/comtow.html>.

We appreciate your concern for threatened and endangered species. The Service encourages Federal agencies to include conservation of threatened and endangered species into their project planning to further the purposes of the Act. Please include the Consultation Tracking Number in the header of this letter with any request for consultation or correspondence about your project that you submit to our office.

Attachment



United States Department of Interior
Fish and Wildlife Service

Project name: #1247 12 jacob st norwalk

Official Species List

Provided by:

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

Consultation Tracking Number: 05E1NE00-2014-SLI-0370

Project Type: ** Other **

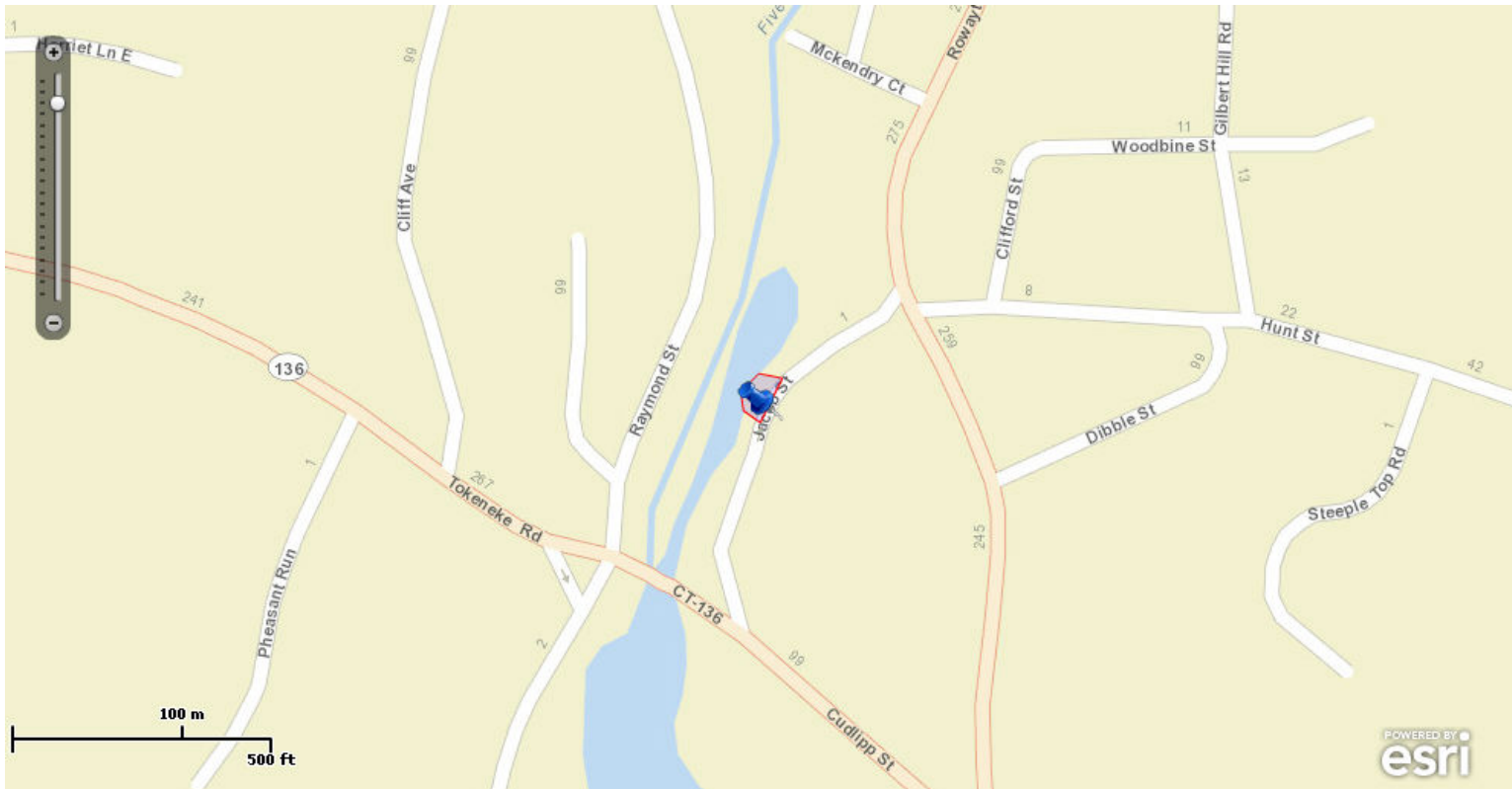
Project Description: raising of structures and basement repairs



United States Department of Interior
Fish and Wildlife Service

Project name: #1247 12 jacob st norwalk

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-73.4469678 41.0741193, -73.4468015 41.0740952, -73.4469571 41.0738606, -73.4470751 41.0739233, -73.4470939 41.0740223, -73.4469678 41.0741193)))

Project Counties: Fairfield, CT



United States Department of Interior
Fish and Wildlife Service

Project name: #1247 12 jacob st norwalk

Endangered Species Act Species List

There are a total of 0 threatened, endangered, or candidate species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain fish may appear on the species list because a project could affect downstream species. Critical habitats listed on the **Has Critical Habitat** lines may or may not lie within your project area. See the **Critical habitats within your project area** section further below for critical habitat that lies within your project. Please contact the designated FWS office if you have questions.

There are no listed species identified for the vicinity of your project.



United States Department of Interior
Fish and Wildlife Service

Project name: #1247 12 jacob st norwalk

Critical habitats that lie within your project area

There are no critical habitats within your project area.



Department of Economic and
Community Development

Connecticut
still revolutionary

1247
JO

May 28, 2014

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

Subject: Department of Housing Superstorm Sandy Reviews
12 Jacob Street
Norwalk, CT

Dear Ms. Delaire:

The State Historic Preservation Office has reviewed the information submitted for the above-named pursuant to the provisions of Section 106 of the National Historic Preservation Act of 1966. It is the opinion of this office that the property located at 12 Jacob Street is not eligible for listing on the National Register of Historic Places.

Based on the information provided, the proposed rehabilitation of 12 Jacob Street will have no effect on the state's cultural resources.

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

For further information please contact Laura L. Mancuso, Environmental Review Coordinator, at (860) 256-2757 or laura.mancuso@ct.gov.

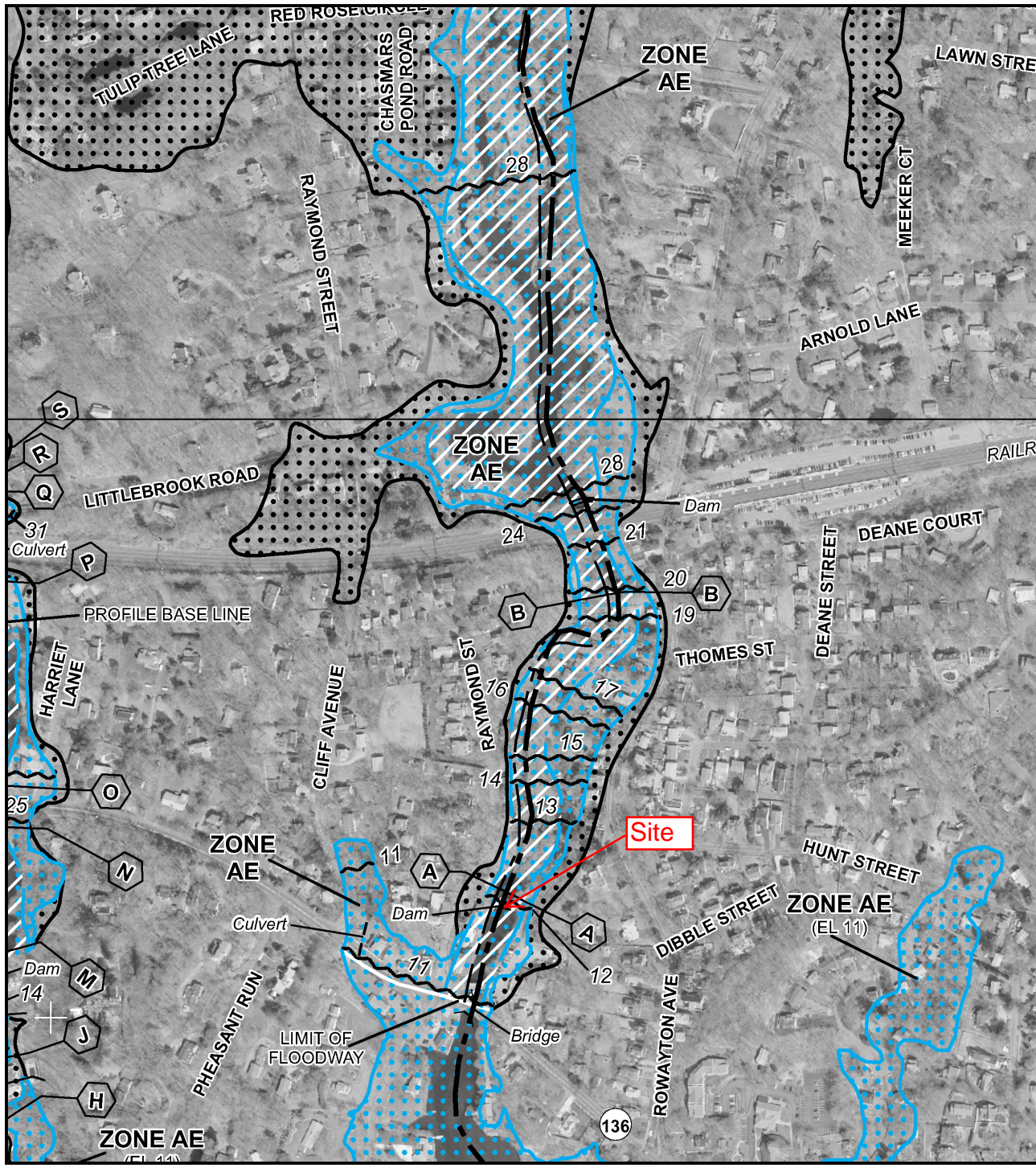
Sincerely,

Mary Dunne
Deputy State Historic Preservation Officer

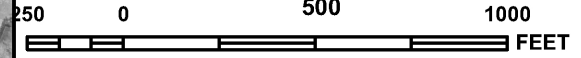
State Historic Preservation Office

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

An Affirmative Action/Equal Opportunity Employer An Equal Opportunity Lender



MAP SCALE 1" = 500'



PANEL 0529G

FIRM

FLOOD INSURANCE RATE MAP

FAIRFIELD COUNTY, CONNECTICUT

(ALL JURISDICTIONS)

PANEL 529 OF 626
(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
DARIEN, TOWN OF	090005	0529	G
NORWALK, CITY OF	090012	0529	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.



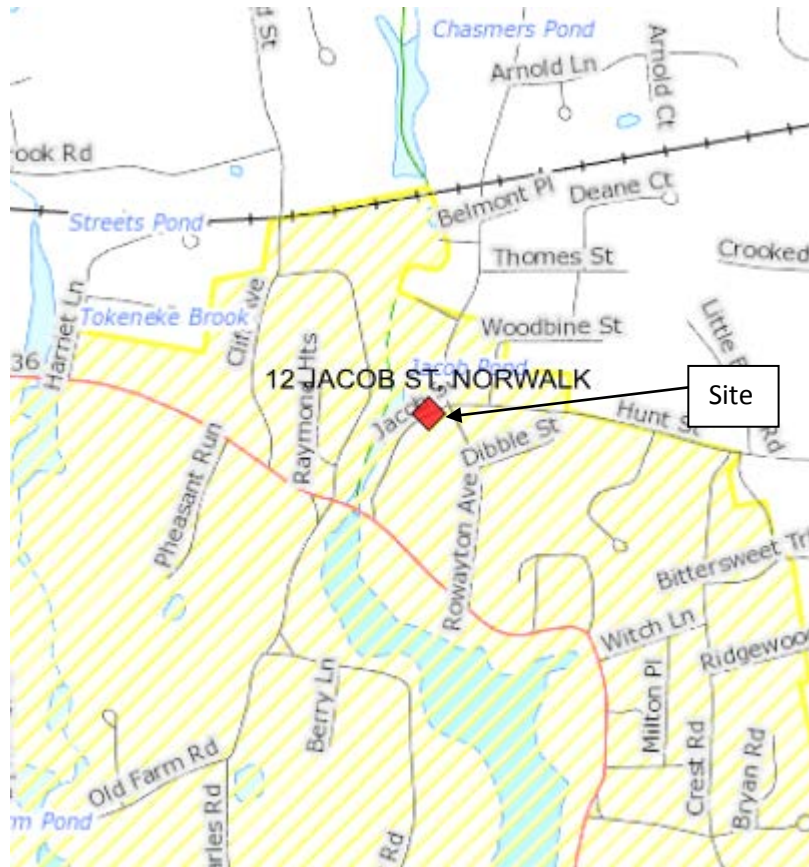
MAP NUMBER
09001C0529G
MAP REVISED
JULY 8, 2013

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

**Coastal Boundary Map
(January 2013)**

12 Jacob Street
Norwalk, CT



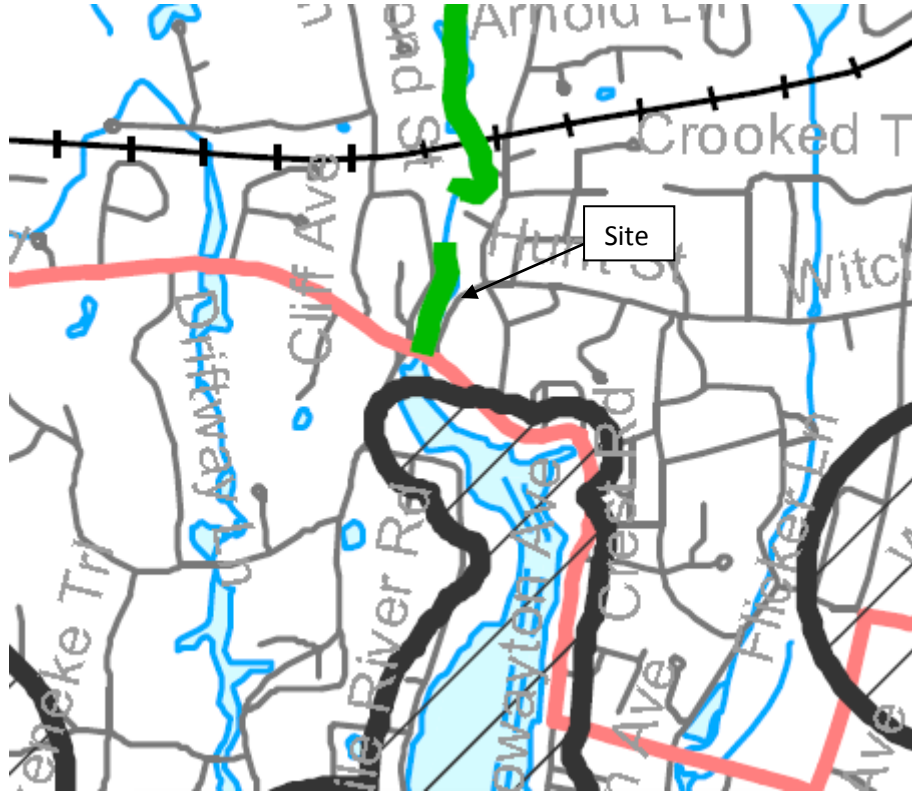
**Tidal Wetlands
(1990)**

12 Jacob Street
Norwalk, CT

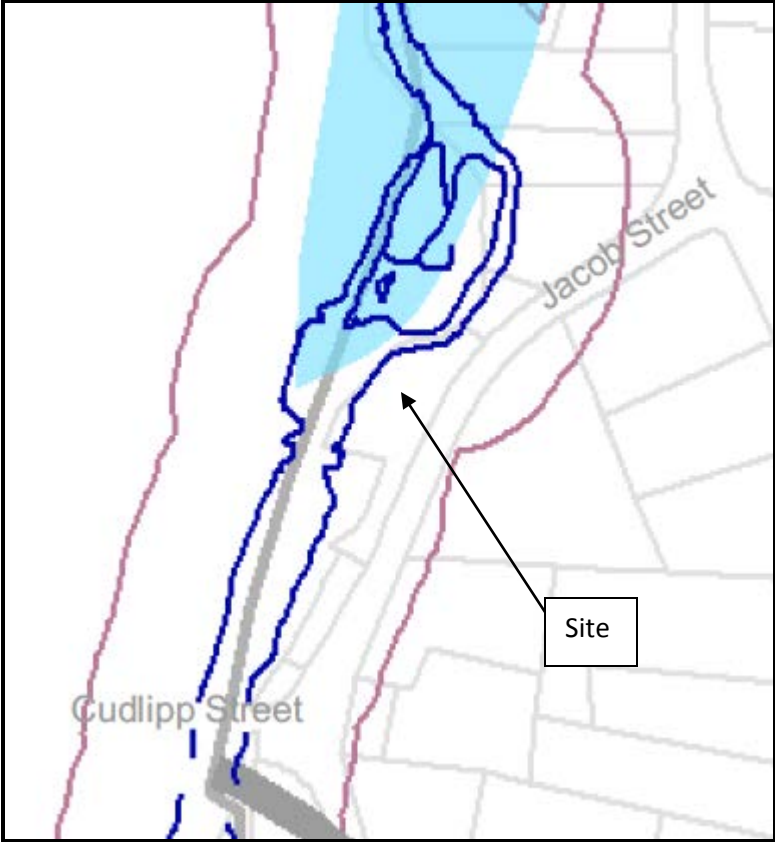


**Natural Diversity Database Map
(December 2013)**

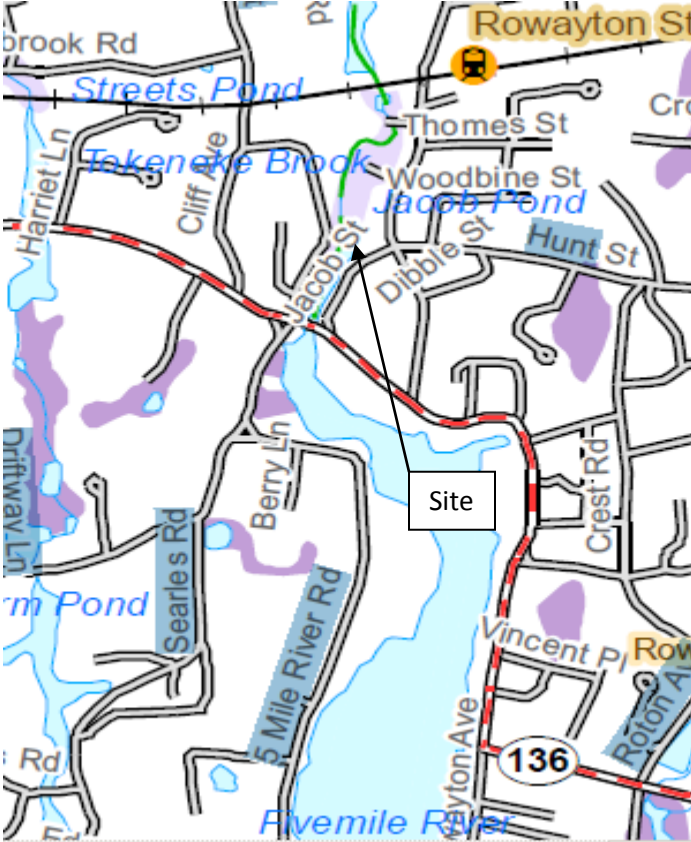
12 Jacob Street
Norwalk, CT



**Inland Wetlands Map
February 2010
12 Jacob Street
Norwalk, CT**



Inland Wetlands Soils Map
October 2009
12 Jacob Street
Norwalk, CT



**Inland Wetland Soil Map – Norwalk
(October 2009)**

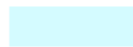
LEGEND



Poorly Drained and Very Poorly Drained soils - Poorly drained soils occur where the water table is at or just below the ground surface, usually from late fall to early spring. The land where poorly drained soils occur is nearly level or gently sloping. Many of our red maple swamps are on those soils. **Very poorly drained soils** generally occur on level land or in depressions. In these areas, the water table lies at or above the surface during most of the growing season. Most of our marshes and bogs are on these soils.



Alluvial and Floodplain soils occur along watercourses occupying nearly all level areas subject to periodic flooding. These soils are formed when material is deposited by flowing water. Such material can be composed of clay, silt, sand or gravel. Alluvial and floodplain soils range from excessively drained to very poorly drained.



Open Water



River, Brook, Stream



Town Boundary



State Boundary



County Boundary



Interstate Highway



US Route Highway



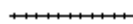
State Route Highway



Highway Ramp



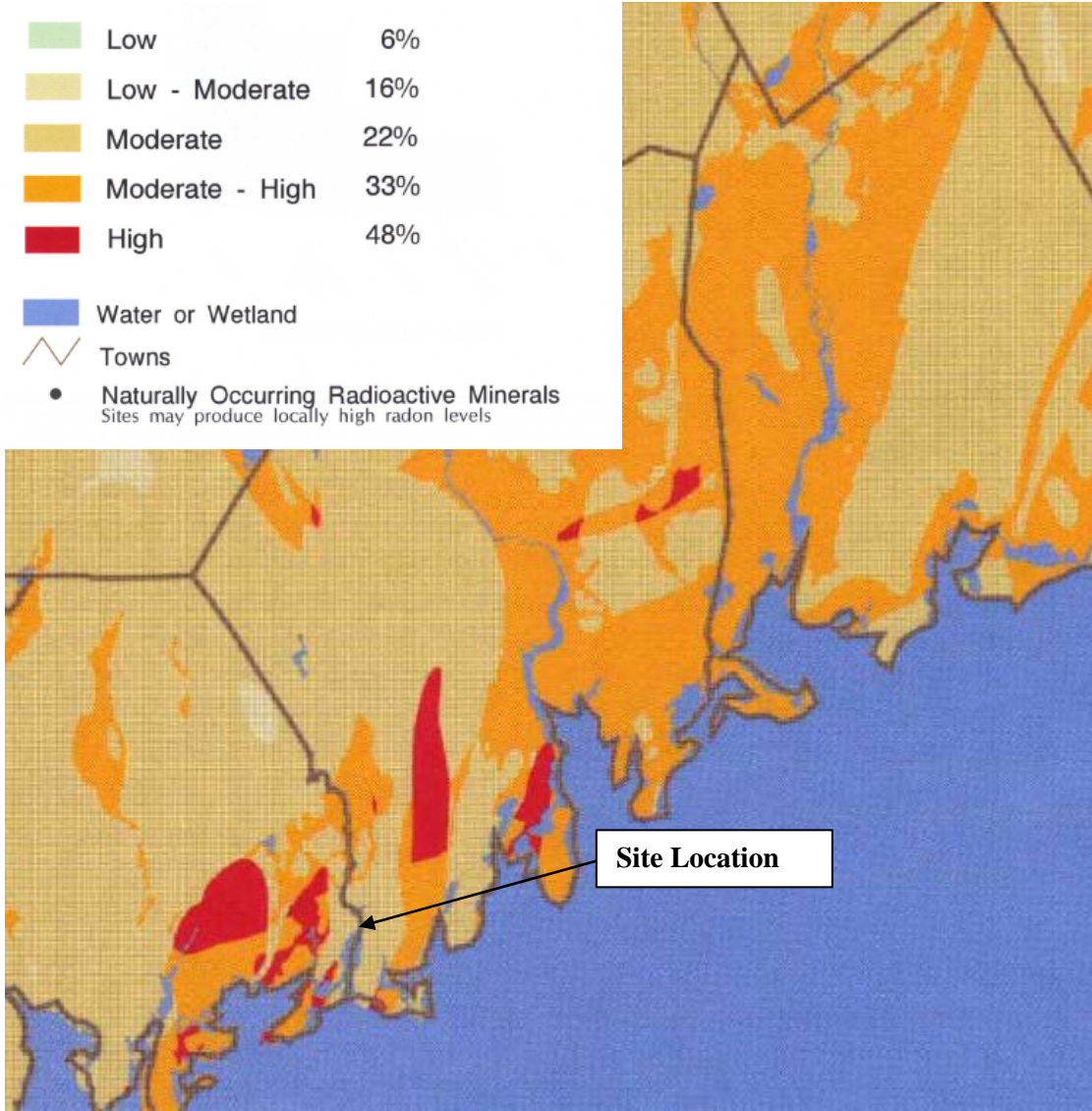
Local Road



Railroad

Indoor Radon Potential Map - 1997

12 Jacob Street
Norwalk, CT



Site location is approximate

Appendix B

Photographs of Work Area and Mold Inspection Photographs



Photograph 1
12 Jacob Street



Photograph 2
Deck overhanging watercourse



Photograph 3
Interior of dwelling



Photograph 4
Front of dwelling



Photograph 5
Mold on insulation in basement



Photograph 6
Mold on concrete foundation wall



Photograph 7
Basement with mold on ceiling joist



Photograph 8
Possible mold on untreated beams of ground floor

Appendix C

Rosters of Building Materials Surveyed

- XRF Raw Data for Painted Surfaces
- Roster of Suspect Asbestos Containing Materials

XRF Lead Testing Results
 12 Jacob Street - Norwalk, CT
 Applicant # 1247

Reading No	Time	Type	Duration	Units	Component	Substrate	Side	Condition	Color	Site	Floor	Room	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
10	4/7/2014 8:32	PAINT	3.56	mg / cm ^2	WALL	CONCRETE	B	PEELING	Gray	1245	BASEMENT	Interior	Negative	3.33	1	0.16	0.1	0.16	0.1	0.5	0.9
11	4/7/2014 8:32	PAINT	1.77	mg / cm ^2	WALL	CONCRETE	B	PEELING	Gray	1246	BASEMENT	Interior	Negative	3.44	1	0.11	0.18	0.11	0.18	< LOD	0
12	4/6/2014 8:39	PAINT	3.57	mg / cm ^2	WALL	CONCRETE	A	PEELING	Gray	1247	BASEMENT	Interior	Negative	1.94	1	0.11	0.06	0.11	0.06	0.5	0.9
14	4/7/2014 8:39	PAINT	3.59	mg / cm ^2	WALL	CONCRETE	C	PEELING	Gray	1247	BASEMENT	Interior	Negative	1.08	1	0.08	0.04	0.08	0.04	0.25	0.95
15	4/7/2014 8:40	PAINT	2.97	mg / cm ^2	WALL	CONCRETE	D	PEELING	Gray	1247	BASEMENT	Interior	Negative	3.73	1	0.22	0.22	0.22	0.22	0.04	1.59
447	5/15/2014 9:28	PAINT	1.13	mg / cm ^2	WALL	WOOD	A	PEELING	TAN	12 jacob	FIRST	exterior	Negative	4.05	1	0.13	0.4	0.13	0.4	-0.36	1.52
448	5/15/2014 9:28	PAINT	1.13	mg / cm ^2	WALL	WOOD	A	PEELING	TAN	12 jacob	FIRST	exterior	Negative	1.47	1	0.05	0.14	0.05	0.14	-0.5	1.48
449	5/15/2014 9:28	PAINT	1.14	mg / cm ^2	WALL	WOOD	A	PEELING	TAN	12 jacob	FIRST	exterior	Negative	1.92	1	0.17	0.28	0.17	0.28	-0.25	1.64
450	5/15/2014 9:29	PAINT	1.12	mg / cm ^2	WALL	WOOD	D	PEELING	TAN	12 jacob	FIRST	exterior	Negative	1	1	0	0.02	0	0.02	0.27	1.56
451	5/15/2014 9:30	PAINT	1.13	mg / cm ^2	WALL	WOOD	D	PEELING	TAN	12 jacob	FIRST	exterior	Negative	1	1	0	0.02	0	0.02	-0.23	1.89
452	5/15/2014 9:30	PAINT	1.15	mg / cm ^2	WALL	WOOD	C	PEELING	TAN	12 jacob	FIRST	exterior	Negative	1	1	0	0.02	0	0.02	-0.32	1.45
453	5/15/2014 9:31	PAINT	1.14	mg / cm ^2	WALL	WOOD	C	PEELING	TAN	12 jacob	FIRST	exterior	Negative	1	1	0	0.02	0	0.02	-0.29	1.46
454	5/15/2014 9:32	PAINT	1.14	mg / cm ^2	WALL	WOOD	B	PEELING	TAN	12 jacob	FIRST	exterior	Negative	3.11	1	0.11	0.3	0.11	0.3	-0.33	1.43
455	5/15/2014 9:34	PAINT	1.12	mg / cm ^2	soffit	WOOD	A	PEELING	WHITE	12 jacob	FIRST	exterior	Negative	1	1	0	0.03	0	0.03	-0.23	1.43
456	5/15/2014 9:34	PAINT	1.14	mg / cm ^2	soffit	WOOD	A	PEELING	WHITE	12 jacob	FIRST	exterior	Negative	1.98	1	0.17	0.29	0.17	0.29	0.09	1.23
457	5/15/2014 9:35	PAINT	1.12	mg / cm ^2	WINDOW	WOOD	A	INTACT	WHITE	12 jacob	FIRST	exterior window trim	Negative	1	1	0	0.02	0	0.02	0.4	1.4
458	5/15/2014 9:36	PAINT	1.13	mg / cm ^2	WINDOW	WOOD	A	INTACT	WHITE	12 jacob	FIRST	exterior window trim	Negative	1	1	0	0.02	0	0.02	0.12	1.27
459	5/15/2014 9:36	PAINT	1.12	mg / cm ^2	WINDOW	WOOD	A	INTACT	WHITE	12 jacob	FIRST	exterior window trim	Negative	1	1	0	0.02	0	0.02	0	1.79
460	5/15/2014 9:37	PAINT	1.12	mg / cm ^2	WINDOW	WOOD	D	INTACT	WHITE	12 jacob	FIRST	exterior window trim	Negative	1	1	0	0.02	0	0.02	-0.09	1.31
461	5/15/2014 9:43	PAINT	2.25	mg / cm ^2	soffit	WOOD	D	INTACT	WHITE	12 jacob	FIRST	exterior	Negative	10	1	-0.25	1.01	0.8	0.9	-0.25	1.01
462	5/15/2014 9:43	PAINT	1.14	mg / cm ^2	soffit	WOOD	D	INTACT	WHITE	12 jacob	FIRST	exterior	Negative	2.5	1	0.15	0.3	0.15	0.3	-0.08	1.56
463	5/15/2014 9:44	PAINT	1.14	mg / cm ^2	WINDOW	WOOD	D	INTACT	WHITE	12 jacob	FIRST	exterior trim	Negative	1	1	0	0.03	0	0.03	0.4	1.4
464	5/15/2014 9:46	PAINT	1.14	mg / cm ^2	soffit	WOOD	C	INTACT	WHITE	12 jacob	FIRST	exterior	Negative	1	1	0	0.03	0	0.03	-0.24	1.34
465	5/15/2014 9:46	PAINT	1.13	mg / cm ^2	deck overhang	WOOD	C	INTACT	WHITE	12 jacob	FIRST	exterior	Negative	1	1	0	0.02	0	0.02	-0.02	1.47
466	5/15/2014 9:47	PAINT	1.15	mg / cm ^2	TRIM	WOOD	C	INTACT	WHITE	12 jacob	FIRST	exterior	Negative	1	1	0	0.02	0	0.02	-0.05	1.83
468	5/15/2014 9:50	PAINT	1.14	mg / cm ^2	WALL	DRYWALL	A	INTACT	WHITE	12 jacob	FIRST	LIVING ROOM	Negative	1	1	0	0.02	0	0.02	0.01	1.53
469	5/15/2014 9:51	PAINT	2.27	mg / cm ^2	WALL	DRYWALL	B	INTACT	WHITE	12 jacob	FIRST	LIVING ROOM	Negative	1	1	0	0.02	0	0.02	0.4	1.1
470	5/15/2014 9:51	PAINT	1.13	mg / cm ^2	WALL	DRYWALL	C	INTACT	WHITE	12 jacob	FIRST	LIVING ROOM	Negative	1	1	0	0.02	0	0.02	-0.28	1.48
471	5/15/2014 9:52	PAINT	2.26	mg / cm ^2	WALL	DRYWALL	A	INTACT	WHITE	12 jacob	FIRST	BEDROOM	Negative	1	1	0	0.02	0	0.02	0.4	1.1
472	5/15/2014 9:52	PAINT	1.7	mg / cm ^2	WALL	DRYWALL	B	INTACT	WHITE	12 jacob	FIRST	BEDROOM	Negative	1	1	0	0.02	0	0.02	0.05	1.39
473	5/15/2014 9:53	PAINT	1.69	mg / cm ^2	WALL	DRYWALL	C	INTACT	WHITE	12 jacob	FIRST	BEDROOM	Negative	1	1	0	0.02	0	0.02	0.3	1.36
474	5/15/2014 9:53	PAINT	1.13	mg / cm ^2	WALL	DRYWALL	D	INTACT	WHITE	12 jacob	FIRST	BEDROOM	Negative	1	1	0	0.02	0	0.02	-0.02	1.57
475	5/15/2014 9:54	PAINT	1.14	mg / cm ^2	WALL	DRYWALL	A	INTACT	WHITE	12 jacob	FIRST	BATHROOM	Negative	1	1	0	0.02	0	0.02	-0.36	1.47
476	5/15/2014 9:54	PAINT	1.13	mg / cm ^2	WALL	DRYWALL	B	INTACT	WHITE	12 jacob	FIRST	BATHROOM	Negative	1	1	0	0.02	0	0.02	-0.08	1.49
477	5/15/2014 9:54	PAINT	1.13	mg / cm ^2	WALL	DRYWALL	C	INTACT	WHITE	12 jacob	FIRST	BATHROOM	Negative	1	1	0	0.02	0	0.02	-0.06	1.42
478	5/15/2014 9:54	PAINT	1.12	mg / cm ^2	WALL	DRYWALL	D	INTACT	WHITE	12 jacob	FIRST	BATHROOM	Negative	1	1	0	0.02	0	0.02	0.12	1.44
479	5/15/2014 9:55	PAINT	1.14	mg / cm ^2	TRIM	WOOD	A	INTACT	WHITE	12 jacob	FIRST	BATHROOM	Negative	1	1	0	0.02	0	0.02	0.3	1.15
480	5/15/2014 9:56	PAINT	1.13	mg / cm ^2	TRIM	WOOD	A	INTACT	WHITE	12 jacob	FIRST	BEDROOM	Negative	1	1	0	0.03	0	0.03	0.18	1.12
481	5/15/2014 9:56	PAINT	1.14	mg / cm ^2	TRIM	WOOD	D	INTACT	WHITE	12 jacob	FIRST	BEDROOM	Negative	1	1	0	0.02	0	0.02	-0.04	1.29
482	5/15/2014 9:57	PAINT	3.38	mg / cm ^2	TRIM	WOOD	C	INTACT	WHITE	12 jacob	FIRST	BEDROOM	Negative	1	1	0	0.02	0	0.02	-0.01	0.76
483	5/15/2014 9:58	PAINT	1.13	mg / cm ^2	DOOR	WOOD	C	INTACT	WHITE	12 jacob	FIRST	BATHROOM	Negative	1	1	0	0.02	0	0.02	-0.12	1.08
484	5/15/2014 9:58	PAINT	1.13	mg / cm ^2	TRIM	WOOD	C	INTACT	WHITE	12 jacob	FIRST	LIVING ROOM	Negative	1	1	0	0.02	0	0.02	-0.03	1.37

Notes:
 "Side" refers to location of material as shown on Figure 2.

Roster of Suspect Asbestos Containing Materials – April 2014

Site # 1247 – 12 Jacob St. Norwalk, CT

Sample ID	HA	Material	Approx. Quantity	Condition	Location
April 7, 2014					
12471 – 12473	1	Fiberglass Insulation and Paper	400 SF	Poor	Basement
12474	2	Spray-on Foam Sealer	35 SF	Good	Basement
May 15, 2014					
12471-12473	1	Grey Asphalt Roof Shingles	1,050 Sf	Poor	Roof
12474-12476	2	Roof Paper and Tar	120 SF	Poor	Roof
12477-12479	3	Grey Asphalt Roof Rolled Material	175 SF	Good	Roof
124710-124712	4	12' Ceramic Floor Tile Mastic	100 SF	Good	Kitchen and front entrance
124713-124715	5	Fiberboard Under Floor Tile	100 SF	Good	Kitchen and front entrance
124716-124718	6	Sheetrock	3,000 SF	Good	Throughout
124719-124721	7	Yellow Fiberglass Insulation	3,000 SF	Good	Throughout
<u>Notes:</u> SF = Square Feet HA = Homogeneous Area					

Appendix D
Laboratory Analytical Data

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>cinnaslab@EMSL.com

EMSL Order:	041409728
CustomerID:	TRIT52
CustomerPO:	
ProjectID:	

Attn: **Brian Sirowich**
Triton Environmental, Inc.
385 Church Street
Suite 201
Guilford, CT 06437

Phone: (203) 458-7200
 Fax: (203) 458-7201
 Received: 04/11/14 9:30 AM
 Analysis Date: 4/18/2014
 Collected: 4/7/2014

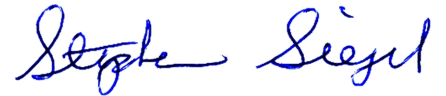
Project: **SITE #1247/ 12 JACOB ST. , NORWALK, CT**

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
12-1 041409728-0001	- FIBERGLASS INSULATION & PAPER	Brown/Black/Yello w	50% Cellulose	10% Non-fibrous (other)	None Detected
		Fibrous Homogeneous	15% Glass 25% Min. Wool		
HA: 1					
12-2 041409728-0002	- FIBERGLASS INSULATION & PAPER	Brown/Black/Pink	20% Cellulose	20% Non-fibrous (other)	None Detected
		Fibrous Homogeneous	60% Min. Wool		
HA: 1					
12-3 041409728-0003	- FIBERGLASS INSULATION & PAPER	Brown/Black/Yello w	60% Cellulose	20% Non-fibrous (other)	None Detected
		Fibrous Homogeneous	20% Min. Wool		
HA: 1					
12-4 041409728-0004	- SPRAY-ON FOAM SEALER	White		100% Non-fibrous (other)	None Detected
		Non-Fibrous Homogeneous			
HA: 2					

Analyst(s)

 Matthew Carralero (4)


 Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 04/18/2014 12:23:47



EMSL ANALYTICAL, INC.
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Asbestos Chain of Custody

EMSL Order Number (Lab Use Only):

041409728

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077

PHONE: 1-800-220-3675

FAX: (856) 786-5974

Company : Triton Environmental, Inc.		EMSL-Bill to: <input type="checkbox"/> Different <input checked="" type="checkbox"/> Same If Bill to is Different note instructions in Comments**	
Street: 385 Church Street Suite 201		Third Party Billing requires written authorization from third party	
City: Guilford	State/Province: CT	Zip/Postal Code: 06437	Country: United States
Report To (Name): Brian Sirowich		Telephone #: 203-458-7200	
Email Address: bsirowich@tritonenvironmental.com		Fax #: 203-458-7201	Purchase Order:
Project Name/Number:		Please Provide Results: <input type="checkbox"/> FAX <input checked="" type="checkbox"/> E-mail <input type="checkbox"/> Mail	
U.S. State Samples Taken: CT		Connecticut Samples: <input type="checkbox"/> Commercial <input type="checkbox"/> Residential	

Turnaround Time (TAT) Options* - Please Check

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

*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 <input type="checkbox"/> Check if samples are from NY <input type="checkbox"/> NIOSH 7400 <input type="checkbox"/> w/ OSHA 8hr. TWA	TEM - Air <input type="checkbox"/> 4-4.5hr TAT (AHERA only) <input type="checkbox"/> AHERA 40 CFR, Part 763 <input type="checkbox"/> NIOSH 7402 <input type="checkbox"/> EPA Level II <input type="checkbox"/> ISO 10312	TEM- Dust <input type="checkbox"/> Microvac - ASTM D 5755 <input type="checkbox"/> Wipe - ASTM D6480 <input type="checkbox"/> Carpet Sonication (EPA 600/J-93/167)
PLM - Bulk (reporting limit) <input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%) <input type="checkbox"/> PLM EPA NOB (<1%) Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%) <input type="checkbox"/> NYS 198.1 (friable in NY) <input type="checkbox"/> NYS 198.6 NOB (non-friable-NY) <input type="checkbox"/> NIOSH 9002 (<1%)	TEM - Bulk <input type="checkbox"/> TEM EPA NOB <input type="checkbox"/> NYS NOB 198.4 (non-friable-NY) <input type="checkbox"/> Chatfield SOP <input type="checkbox"/> TEM Mass Analysis-EPA 600 sec. 2.5 TEM - Water: EPA 100.2 Fibers >10µm <input type="checkbox"/> Waste <input type="checkbox"/> Drinking All Fiber Sizes <input type="checkbox"/> Waste <input type="checkbox"/> Drinking	Soil/Rock/Vermiculite <input type="checkbox"/> PLM CARB 435 - A (0.25% sensitivity) <input type="checkbox"/> PLM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - B (0.1% sensitivity) <input type="checkbox"/> TEM CARB 435 - C (0.01% sensitivity) <input type="checkbox"/> TEM Qual. via Filtration Technique <input type="checkbox"/> TEM Qual. via Drop-Mount Technique
<input type="checkbox"/> Check For Positive Stop - Clearly Identify Homogenous Group		Filter Pore Size (Air Samples): <input type="checkbox"/> 0.8µm <input type="checkbox"/> 0.45µm

Samplers Name: _____ Samplers Signature: _____

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
12 1-3	Fiberglass Insulation and Paper	1	4/7
12 4	Spray on Foam Sealer	2	4/7
			2014 APR 11 A 11:03
			CINNAMINSON, N.J.

Client Sample # (s): 1-4	-	Total # of Samples:
Relinquished (Client): [Signature]	Date: 4/10/14	Time: 11:00
Received (Lab): [Signature]	Date: 4-11-14	Time: 9:30A
Comments/Special Instructions: Site # 1247 - 12 Jacob ST Norwalk, CT		

4

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

<http://www.EMSL.com>cinnaslab@EMSL.com

EMSL Order:	041413675
CustomerID:	TRIT52
CustomerPO:	104318
ProjectID:	

Attn: **Brian Sirowich**
Triton Environmental, Inc.
385 Church Street
Suite 201
Guilford, CT 06437

Phone: (203) 458-7200
 Fax: (203) 458-7201
 Received: 05/16/14 9:50 AM
 Analysis Date: 5/23/2014
 Collected: 5/15/2014

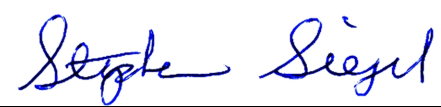
Project: 104318

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
1 041413675-0001	Exterior roof - Gray Roof Shingles	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
2 041413675-0002	Exterior roof - Gray Roof Shingles	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
3 041413675-0003	Exterior roof - Gray Roof Shingles	Black Fibrous Homogeneous	15% Glass	85% Non-fibrous (other)	None Detected
4 041413675-0004	Deck overhang - Roof Paper	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
5 041413675-0005	Deck overhang - Roof Paper	Black Fibrous Homogeneous	10% Glass	90% Non-fibrous (other)	None Detected
6 041413675-0006	Deck overhang - Roof Paper	Black Fibrous Homogeneous	15% Cellulose	85% Non-fibrous (other)	None Detected
7 041413675-0007	Deck overhang - Gray Rolled Roofing	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected
8 041413675-0008	Deck overhang - Gray Rolled Roofing	Black Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected

Analyst(s)

 Jamie Marczak (15)
 Samantha Rundstorm (9)


 Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 05/23/2014 07:40:49

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-5974

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Phone: (203) 458-7200
 Fax: (203) 458-7201
 Received: 05/16/14 9:50 AM
 Analysis Date: 5/23/2014
 Collected: 5/15/2014

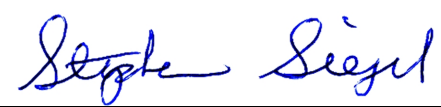
Project: 104318

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
9 041413675-0009	Deck overhang - Gray Rolled Roofing	Black Non-Fibrous Homogeneous	60% Cellulose	40% Non-fibrous (other)	None Detected
10-Floor Tile 041413675-0010	Kitchen & bathroom - 12" Ceramic Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
10-Mastic 041413675-0010A	Kitchen & bathroom - Mastic	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
11-Floor Tile 041413675-0011	Kitchen & bathroom - 12" Ceramic Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
11-Mastic 041413675-0011A	Kitchen & bathroom - Mastic				Insufficient Material
12-Floor Tile 041413675-0012	Kitchen & bathroom - 12" Ceramic Floor Tile	Beige Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
12-Mastic 041413675-0012A	Kitchen & bathroom - Mastic	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	None Detected
13 041413675-0013	Kitchen & bathroom - Fiberboard beneath Tile	Gray Fibrous Homogeneous	20% Cellulose	80% Non-fibrous (other)	None Detected

Analyst(s)

 Jamie Marczak (15)
 Samantha Rundstorm (9)


 Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

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 Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 05/23/2014 07:40:49

**EMSL Analytical, Inc.**

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CustomerID:	TRIT52
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ProjectID:	

Attn: **Brian Sirowich**
Triton Environmental, Inc.
385 Church Street
Suite 201
Guilford, CT 06437

Phone: (203) 458-7200
 Fax: (203) 458-7201
 Received: 05/16/14 9:50 AM
 Analysis Date: 5/23/2014
 Collected: 5/15/2014

Project: 104318

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
14 041413675-0014	Kitchen & bathroom - Fiberboard beneath Tile	Gray Fibrous Homogeneous	20%	Cellulose	80% Non-fibrous (other) None Detected
15 041413675-0015	Kitchen & bathroom - Fiberboard beneath Tile	Gray Fibrous Homogeneous	75%	Cellulose	25% Non-fibrous (other) None Detected
16 041413675-0016	Living room, bedroom, bath - Sheetrock	Brown/White Fibrous Homogeneous	15%	Cellulose	85% Non-fibrous (other) None Detected
17 041413675-0017	Living room, bedroom, bath - Sheetrock	Brown/White Fibrous Homogeneous	15%	Cellulose	85% Non-fibrous (other) None Detected
18 041413675-0018	Living room, bedroom, bath - Sheetrock	Gray Fibrous Homogeneous	15%	Cellulose	85% Non-fibrous (other) None Detected
19-Paper 041413675-0019	Living room, bedroom, bath - Yellow Fiberglass Insulation	Brown/Black Fibrous Homogeneous	80%	Cellulose	20% Non-fibrous (other) None Detected
19-Insulation 041413675-0019A	Living room, bedroom, bath - Yellow Fiberglass Insulation	Yellow Fibrous Homogeneous	90%	Min. Wool	10% Non-fibrous (other) None Detected
20-Paper 041413675-0020	Living room, bedroom, bath - Yellow Fiberglass Insulation	Brown/Black Fibrous Homogeneous	60%	Cellulose	40% Non-fibrous (other) None Detected

Analyst(s)

 Jamie Marczak (15)
 Samantha Rundstorm (9)

Stephen Siegel, CIH, Laboratory Manager
 or other approved signatory

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Initial report from 05/23/2014 07:40:49



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ProjectID:

Attn: **Brian Sirowich**
Triton Environmental, Inc.
385 Church Street
Suite 201
Guilford, CT 06437

Phone: (203) 458-7200
Fax: (203) 458-7201
Received: 05/16/14 9:50 AM
Analysis Date: 5/23/2014
Collected: 5/15/2014

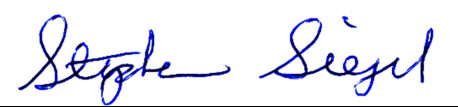
Project: 104318

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
20-Insulation 041413675-0020A	Living room, bedroom, bath - Yellow Fiberglass Insulation	Yellow Fibrous Homogeneous	98% Glass	2% Non-fibrous (other)	None Detected

Analyst(s)

Jamie Marczak (15)
Samantha Rundstorm (9)


Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

EMSL maintains liability limited to cost of analysis. This report relates only to the samples reported and may not be reproduced, except in full, without written approval by EMSL. EMSL bears no responsibility for sample collection activities or analytical method limitations. Interpretation and use of test results are the responsibility of the client. This report must not be used by the client to claim product certification, approval, or endorsement by NVLAP, NIST or any agency of the federal government. Non-friable organically bound materials present a problem matrix and therefore EMSL recommends gravimetric reduction prior to analysis. Samples received in good condition unless otherwise noted. Estimated accuracy, precision and uncertainty data available upon request. Unless requested by the client, building materials manufactured with multiple layers (i.e. linoleum, wallboard, etc.) are reported as a single sample. Reporting limit is 1%
Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ NVLAP Lab Code 101048-0, AIHA-LAP, LLC-IHLAP Lab 100194, NYS ELAP 10872, NJ DEP 03036, PA ID# 68-00367

Initial report from 05/23/2014 07:40:49



EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only):

041413675

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077

PHONE: 1-800-220-3675

FAX: (856) 786-5974

Company: Triton Environmental, Inc.		EMSL-Bill to: <input type="checkbox"/> Same <input checked="" type="checkbox"/> Different If Bill to is Different note instructions in Comments**	
Street: 385 Church Street Suite 201		Third Party Billing requires written authorization from third party	
City: Guilford	State/Province: CT	Zip/Postal Code: 06437	Country: United States
Report To (Name): Brian Sirowich		Telephone #: 203-458-7200	
Email Address: bsirowich@tritonenvironmental.com		Fax #: 203-458-7201	Purchase Order: 104318
Project Name/Number: 104318		Please Provide Results: <input type="checkbox"/> Fax <input checked="" type="checkbox"/> Email <input type="checkbox"/> Mail	
U.S. State Samples Taken: CT		CT Samples: <input type="checkbox"/> Commercial/Taxable <input type="checkbox"/> 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	
<input checked="" type="checkbox"/> PLM EPA 600/R-93/116 (<1%)	<input type="checkbox"/> TEM EPA NOB - EPA 600/R-93/116 Section 2.5.5.1	RECEIVED FIRST CINNAMINSON, NJ 2014 MAY 16 PM 12:09	
<input type="checkbox"/> PLM EPA NOB (<1%)	<input type="checkbox"/> NY ELAP Method 198.4 (TEM)		
Point Count <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> Chatfield Protocol (semi-quantitative)		
Point Count w/Gravimetric <input type="checkbox"/> 400 (<0.25%) <input type="checkbox"/> 1000 (<0.1%)	<input type="checkbox"/> TEM % by Mass - EPA 600/R-93/116 Section 2.5.5.2		
<input type="checkbox"/> NIOSH 9002 (<1%)	<input type="checkbox"/> TEM Qualitative via Filtration Prep Technique		
<input type="checkbox"/> NY ELAP Method 198.1 (friable in NY)	<input type="checkbox"/> TEM Qualitative via Drop Mount Prep Technique		
<input type="checkbox"/> NY ELAP Method 198.6 NOB (non-friable-NY)	Other		
<input type="checkbox"/> OSHA ID-191 Modified	<input type="checkbox"/>		
<input type="checkbox"/> Standard Addition Method			

Check For Positive Stop - Clearly Identify Homogenous Group Date Sampled: 5/6/14

Samplers Name: Brian Sirowich Samplers Signature: *[Signature]*

Sample #	HA #	Sample Location	Material Description
1-3	1	Exterior Roof	Grey Roof Shingles
4-6	2	Deck Overhang	Roof Ply
7-9	3	" "	Grey Rotted Roofing
10-12	4	Kitchen & Bathroom	12" Ceramic Floor Tiles & Mosaic
13-15	5	" "	Fiberboard beneath Tile
16-18	6	Living Room, Bedroom, Bath	Sheetrock
19-21	7	" " "	Yellow Fiberglass Insulation

Client Sample # (s): - 21 Total # of Samples: 21 minimum

Relinquished (Client): *[Signature]* Date: 5/6/14 Time: 3:40

Received (Lab): ALL EMSL FX Date: 5/16/14 Time: 0950

Comments/Special Instructions:

12 Jacob Street Norwalk CT
Bill To: Triton Environmental, Inc., 385 Church Street, Suite 201, Guilford, CT, 06437, United States
Attention: Brian Sirowich Phone: 203-458-7200 Email: bsirowich@tritonenvironmental.com Purchase Order:

Sample #21 not received
AK 5/16/14 1210

[Signature]

**EMSL Analytical, Inc.**

200 Route 130 North, Cinnaminson, NJ 08077

Phone/Fax: (800) 220-3675 / (856) 786-0327

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

EMSL Order: 381401635

CustomerID: TRIT52

CustomerPO:

ProjectID:

Attn: **Dave Vasiliou**
Triton Environmental, Inc.
385 Church Street Ste. 201
Guilford, CT 06437

Phone: (203) 458-7200
 Fax: (203) 458-7201
 Received: 04/11/14 4:12 PM
 Analysis Date: 4/13/2014
 Collected: 4/7/2014

Project: 12 Jacob St.

Test: 12 Jacob St.
 Site: Norwalk, CT 06853

Test Report: Radon in Air Test Results**Samples for EMSL Kit 97820**

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
164780	First Floor - Living Room	0.2	4/7/2014	4/9/2014	78	30	Customer
381401635-0001			9:00:00 AM	1:00:00 PM			

Sample Notes:

164867	First Floor - Living Room	0.4	4/7/2014	4/9/2014	78	30	Customer
381401635-0002			9:00:00 AM	1:00:00 PM			

Sample Notes:

Summary for EMSL kit 97820 **Average Radon Result: 0.3 pCi/L**

The results indicate that both testing devices registered below the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends fixing your home if the average of two short-term tests taken in the lowest lived-in level of the home show radon levels that are equal to or greater than 4.0pCi/L. The radon test was performed using a liquid scintillation radon detector/s and counted on a liquid scintillation counter using approved EPA testing protocols for Radon in Air testing.

The EPA recommends retesting your home every two years.

Please contact EMSL Analytical, Inc. or your State Health Department for further information.

All procedures used for generating this report are in complete accordance with the current EPA protocols for the analysis of Radon in Air.

Report Notes

Analyst(s)

Laura Freeman (2)

Garrett A. Ray, Laboratory Manager
 Certified Radon Measurement Specialist NRSB 5SS0093
 NJ MES12264, FL R2001, NE 116, PA 2572

In no event shall EMSL be liable for indirect, special, consequential, or incidental damages, including, but not limited to, damages for loss of profit or goodwill regardless of the negligence (either sole or concurrent) of EMSL and whether EMSL has been informed of the possibility of such damages, arising out of or in connection with EMSL's services thereunder or the delivery, use, reliance upon or interpretation of test results by client or any third party. We accept no legal responsibility for the purposes for which the client uses the test results. In no event shall EMSL be liable to a client or any third party, whether based upon theories of tort, contract or any other legal or equitable theory, in excess of the amount paid to EMSL by client thereunder. The test results meets all NELAC requirements unless otherwise specified. Accreditations: NRSB ARL6006, NJ DEP 03036, MEB 92525, PA 2573, IN 00455, IA L00032, RI RAS-024, ME 20200C, NE RMB-1083, NY ELAP 10872, NM 885-10L, FL RB2034, OH RL-39, NRPP #106178AL, KS-LB-0005

Samples analyzed by EMSL Analytical, Inc. Cinnaminson, NJ

Initial report from 04/14/2014 08:17:24

Please visit www.radontestinglab.com



EMSL Analytical, Inc.
 200 Route 130 North
 Cinnaminson, NJ 08077
 Tel: 800-220-3675 • Fax: 856-786-0327
 www.radontestinglab.com

3814 01635

2014 APR 11 P 4: 12

DOM: 3/17/14
 EXP: 3/17/15

M#2
 TRIT52
 5-Jay

Radon In Air Data Sheet

Send Written Report To:

Name David Vasilov
 Address 385 Church St Suite 201
 City Groton State CT Zip 06437
 Phone 203 458 7200 Fax 203 458 7201
 Email dvasilov@tr.invernessintl.com
 Technician Name Brian Souch

Technician Certification # _____
 Technician Signature [Signature]

1ST RED VIAL # 164780

LOCATION

- Basement First Floor Bedroom Den
- Living Room Other _____
- Location in Room _____

2ND RED VIAL # 164867

(If Purchased)

The device has been scientifically tested to provide reliable indoor radon measurements when exposed to temperatures between 60 and 80 degrees F; temperatures outside this range will invalidate the test results.

Kit # 97820 (Outside of Box)

The test device must remain open for 48 to 96 hours • Return this section with the test device to the laboratory

Property Tested:

Name [Signature]
 Address 12 Jacob St
 City Norwalk
 Municipality _____ County CI
 State CT Zip 06853

Check here if this is a Post Mitigation test.

Technician Name Brian Souch
 Technician Certification # _____
 Technician Signature [Signature]

INDOOR CONDITIONS

Temperature 78 °F Humidity 30 %

EXPOSURE PERIOD

Beginning Date: 4 / 7 / 14

Time: 9:00 AM / PM (Circle)

Ending Date: 4 / 9 / 14

Time: 1:00 AM / PM (Circle)

Tear Here

80 Lupes Drive
Stratford, CT 06615



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

Client: Mr. David Vasiliou
Triton Environmental
385 Church St.
Guilford, CT 06437

Analytical Report

CET# 4040166

Report Date: April 11, 2014
Project: Norwalk
Project Number: 104318

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



New York Certification: 11982
Florida Laboratory Certification: E871064

CET #:4040166
 Project: Norwalk
 Project Number: 104318

SAMPLE SUMMARY

The sample(s) were received at 11.3°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
-----------	---------------	--------	----------------------	--------------

S-1-1247	4040166-01	Solid	4/07/2014 9:00	04/07/2014
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Client Sample ID S-1-1247

Lab ID: 4040166-01

PCBs by Soxhlet
Method: EPA 8082A

Analyst: SJ
Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	4.8	4	EPA 3540C	B4D0828	04/08/2014	04/10/2014 14:34	
PCB-1221	ND	4.8	4	EPA 3540C	B4D0828	04/08/2014	04/10/2014 14:34	
PCB-1232	ND	4.8	4	EPA 3540C	B4D0828	04/08/2014	04/10/2014 14:34	
PCB-1242	ND	4.8	4	EPA 3540C	B4D0828	04/08/2014	04/10/2014 14:34	
PCB-1248	ND	4.8	4	EPA 3540C	B4D0828	04/08/2014	04/10/2014 14:34	
PCB-1254	ND	4.8	4	EPA 3540C	B4D0828	04/08/2014	04/10/2014 14:34	
PCB-1260	ND	0.80	4	EPA 3540C	B4D0828	04/08/2014	04/10/2014 14:34	
PCB-1268	ND	0.80	4	EPA 3540C	B4D0828	04/08/2014	04/10/2014 14:34	
PCB-1262	ND	0.80	4	EPA 3540C	B4D0828	04/08/2014	04/10/2014 14:34	

<i>Surrogate: TCMX</i>	<i>84.6 %</i>	<i>50 - 150</i>			B4D0828	04/08/2014	<i>04/10/2014 14:34</i>	
<i>Surrogate: DCB</i>	<i>122 %</i>	<i>50 - 150</i>			B4D0828	04/08/2014	<i>04/10/2014 14:34</i>	

CET #:4040166
 Project: Norwalk
 Project Number: 104318

QUALITY CONTROL SECTION

Batch B4D0828 - EPA 8082A

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Spike Level	Source Result	% Rec % Rec	% Rec Limits	RPD RPD	RPD Limit	Notes
Blank (B4D0828-BLK1)					Prepared: 4/8/2014 Analyzed: 4/10/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							
<i>Surrogate: TCMX</i>					71.5	50 - 150			
<i>Surrogate: DCB</i>					88.3	50 - 150			
LCS (B4D0828-BS1)					Prepared: 4/8/2014 Analyzed: 4/10/2014				
PCB-1016	0.788	0.20	1.000		78.8	40 - 140			
PCB-1260	0.850	0.20	1.000		85.0	40 - 140			
<i>Surrogate: TCMX</i>					70.0	50 - 150			
<i>Surrogate: DCB</i>					84.3	50 - 150			
Calibration Check (B4D0828-CCV1)					Prepared: 4/8/2014 Analyzed: 4/10/2014				
PCB-1016	1.02	0.20	1.000		102	80 - 120			
PCB-1260	1.11	0.20	1.000		111	80 - 120			
<i>Surrogate: TCMX</i>					104	50 - 150			
<i>Surrogate: DCB</i>					108	50 - 150			



80 Lupes Drive
Stratford, CT 06615

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

Quality Control Definitions and Abbreviations

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

Flags:

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



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

New York Certification 11982
Florida Laboratory Certification E871064

CET #:4040166

Project: Norwalk

Project Number: 104318

CASE NARRATIVE

The reporting limits for PCBs were raised due to interference even after clean up.

CET #:4040166

Project: Norwalk

Project Number: 104318

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

Sincerely,



David Ditta
Laboratory Director

Report Comments:

ND is None Detected at the specified detection limit

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

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

Sample Result Flags:

E- The result is estimated, above the calibration range.

H- The surrogate recovery is above the control limits.

L- The surrogate recovery is below the control limits.

B- The compound was detected in the laboratory blank.

P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.

D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.

+ - The Surrogate was diluted out.

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

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



4040166

COMPLETE ENVIRONMENTAL TESTING, INC.

LABORATORY RECORD OF CUSTODY RECORD

CET # _____

Volatile Soils Only:

Date and Time in Freezer _____

Client: _____

CET: _____

Page 7 of 7

80 Lupes Drive Stratford, CT 06615 Tel: (203) 377-9984 Fax: (203) 377-9952 e-mail: cet1@cetlabs.com Bottle Request e-mail: bottleorders@cetlabs.com		Matrix A=Air S=Soil W=Water DW=Drinking W. C=Cassette Solid Wipe Other (Specify)	Turnaround Time ** (check one) Same Day * Next Day * 2-3 Days * Std (5-7 Days)	Organics 8260 CT List 8260 Aromatics 8260 Halogens CT ETPH 8270 CT List 8270 PNAS PCBs Pesticides Herbicides 13 Priority Poll 8 RCRA TOTAL TCLP SPLP Field Filtered Lab To Filter	Metals (check all that apply) X PCB Sox	Additional Analysis	TOTAL # OF CONT. NOTE #
Sample ID	Date/Time						
S-1 - 1247	4/7/14 9:00	Solid	X				
PRESERVATIVE (CI-HCl, N-HNO ₃ , S-H ₂ SO ₄ , Na-NaOH, C=Cool, O-Other)							
CONTAINER TYPE (P-Plastic, G-Glass, V-Vial, O-Other)							
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)							
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:	NOTES:				
<i>P. Tol</i>	2:30 4/7/14	<i>[Signature]</i>					
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:					
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:					
Client / Reporting Information				Project Information			
Company Name: <i>Triton Environmental</i>				Project Contact: <i>Dave Vasilov</i> PO #: _____			
Address: <i>385 Church St</i>				Project #: <i>104318</i> Project #: <i>104318</i>			
City: <i>Guilford</i> State: <i>CT</i> Zip: <i>06037</i>				Location: <i>Norwalk</i> Collector(s): <i>CK/BS</i>			
Report To: <i>David Vasilov</i> E-mail: <i>Dvasilov@tritonenv.com</i>				QA/QC <input checked="" type="checkbox"/> Std <input type="checkbox"/> Site Specific (MS/MSD) * <input type="checkbox"/> RCP Pkg * <input type="checkbox"/> DQAW *			
Phone #: <i>203 458 7200</i> Fax #: <i>203 458 7201</i>				Data Report <input checked="" type="checkbox"/> Email <input checked="" type="checkbox"/> PDF <input type="checkbox"/> Excel <input type="checkbox"/> Other			
				RSR Reporting Limits (check one) <input checked="" type="checkbox"/> GA <input type="checkbox"/> GB <input type="checkbox"/> SWP <input type="checkbox"/> Other (specify)			
				Lab Use: Evidence of Cooling: <i>11.30</i> Y or N Temp Upon Receipt: _____ °C SHEET <i>1</i> OF <i>1</i>			

* Additional charge may apply. ** TAT begins when the samples are received at the Lab and all issues are resolved. TAT for samples received after 3 p.m. will start on the next business day. REV. 12/11

80 Lupes Drive
Stratford, CT 06615



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

Client: Mr. Brian Sirowich
Triton Environmental
385 Church St.
Guilford, CT 06437

Analytical Report

CET# 4050365

Report Date: May 22, 2014
Project: 12 Jacob St, Norwalk
Project Number: 104318

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



New York Certification: 11982
Florida Laboratory Certification: E871064

CET #:4050365

Project: 12 Jacob St, Norwalk

Project Number: 104318

SAMPLE SUMMARY

The sample(s) were received at 22.0°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
PCB1	4050365-01	Solid	5/15/2014 11:00	05/15/2014
PCB2	4050365-02	Solid	5/15/2014 11:30	05/15/2014

Client Sample ID PCB1

Lab ID: 4050365-01

PCBs by Soxhlet

Method: EPA 8082A

Analyst: CA

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 18:52	
PCB-1221	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 18:52	
PCB-1232	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 18:52	
PCB-1242	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 18:52	
PCB-1248	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 18:52	
PCB-1254	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 18:52	
PCB-1260	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 18:52	
PCB-1268	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 18:52	
PCB-1262	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 18:52	
<i>Surrogate: TCMX</i>	<i>85.3 %</i>	<i>50 - 150</i>			B4E1922	05/19/2014	<i>05/21/2014 18:52</i>	
<i>Surrogate: DCB</i>	<i>65.3 %</i>	<i>50 - 150</i>			B4E1922	05/19/2014	<i>05/21/2014 18:52</i>	

CET #:4050365

Project: 12 Jacob St, Norwalk

Project Number: 104318

Client Sample ID PCB2

Lab ID: 4050365-02

PCBs by Soxhlet

Method: EPA 8082A

Analyst: CA

Matrix: Solid

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 19:11	
PCB-1221	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 19:11	
PCB-1232	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 19:11	
PCB-1242	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 19:11	
PCB-1248	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 19:11	
PCB-1254	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 19:11	
PCB-1260	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 19:11	
PCB-1268	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 19:11	
PCB-1262	ND	0.80	4	EPA 3540C	B4E1922	05/19/2014	05/21/2014 19:11	

Surrogate: TCMX

74.9 %

50 - 150

B4E1922

05/19/2014

05/21/2014 19:11

Surrogate: DCB

96.6 %

50 - 150

B4E1922

05/19/2014

05/21/2014 19:11

CET #:4050365

Project: 12 Jacob St, Norwalk

Project Number: 104318

QUALITY CONTROL SECTION

Batch B4E1922 - EPA 8082A

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4E1922-BLK1)					Prepared: 5/19/2014 Analyzed: 5/20/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							
<i>Surrogate: TCMX</i>					69.5	50 - 150			
<i>Surrogate: DCB</i>					87.4	50 - 150			
LCS (B4E1922-BS1)					Prepared: 5/19/2014 Analyzed: 5/20/2014				
PCB-1016	0.868	0.20	1.000		86.8	50 - 150			
PCB-1260	0.797	0.20	1.000		79.7	50 - 150			
<i>Surrogate: TCMX</i>					88.1	50 - 150			
<i>Surrogate: DCB</i>					78.2	50 - 150			
Calibration Check (B4E1922-CCV1)					Prepared: 5/19/2014 Analyzed: 5/21/2014				
PCB-1016	0.833	0.20	1.000		83.3	80 - 120			
PCB-1260	0.882	0.20	1.000		88.2	80 - 120			
<i>Surrogate: TCMX</i>					88.2	50 - 150			
<i>Surrogate: DCB</i>					101	50 - 150			



80 Lupes Drive
Stratford, CT 06615

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

Quality Control Definitions and Abbreviations

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

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



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

New York Certification 11982
Florida Laboratory Certification E871064

CET #:4050365

Project: 12 Jacob St, Norwalk

Project Number: 104318

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

Sincerely,



David Ditta
Laboratory Director

Report Comments:

ND is None Detected at the specified detection limit

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

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

Sample Result Flags:

E- The result is estimated, above the calibration range.

H- The surrogate recovery is above the control limits.

L- The surrogate recovery is below the control limits.

B- The compound was detected in the laboratory blank.

P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.

D- The RPD between the sample and the sample duplicate is high. Sample Homogeneity may be a problem.

+/- The Surrogate was diluted out.

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

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



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

Attachment 11 – Checklist Item 14A Documentation – Flood Management Certification

Appendix B

DECD/SHPO/DOH Professional Certification Form

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

Property: 12 Jacob Street, Norwalk CT

Application Number: 1247

"I certify that in my professional judgment, the above referenced project has been designed consistent with the Flood Management Certification for Disaster Recovery Activities as approved by DEEP and that the information is true, accurate and complete to the best of my knowledge and belief.

I understand that a false statement made in the submitted information may, pursuant to Section 22a-6 of the General Statutes, be punishable as a criminal offense under Section 53a-157b of the General Statutes, and may also be punishable under Section 22a-438 of the General Statutes."

Signature of Applicant

Date

Hermia Delaire, CDBG-DR Program Manager

Name of Applicant (print or type)

Title



1/29/2017

Signature of Professional Engineer

Date

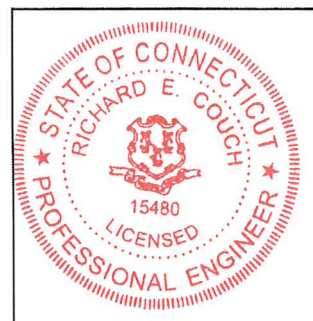
Richard E. Couch

15480

Name of Professional Engineer (print or type)

P.E. Number

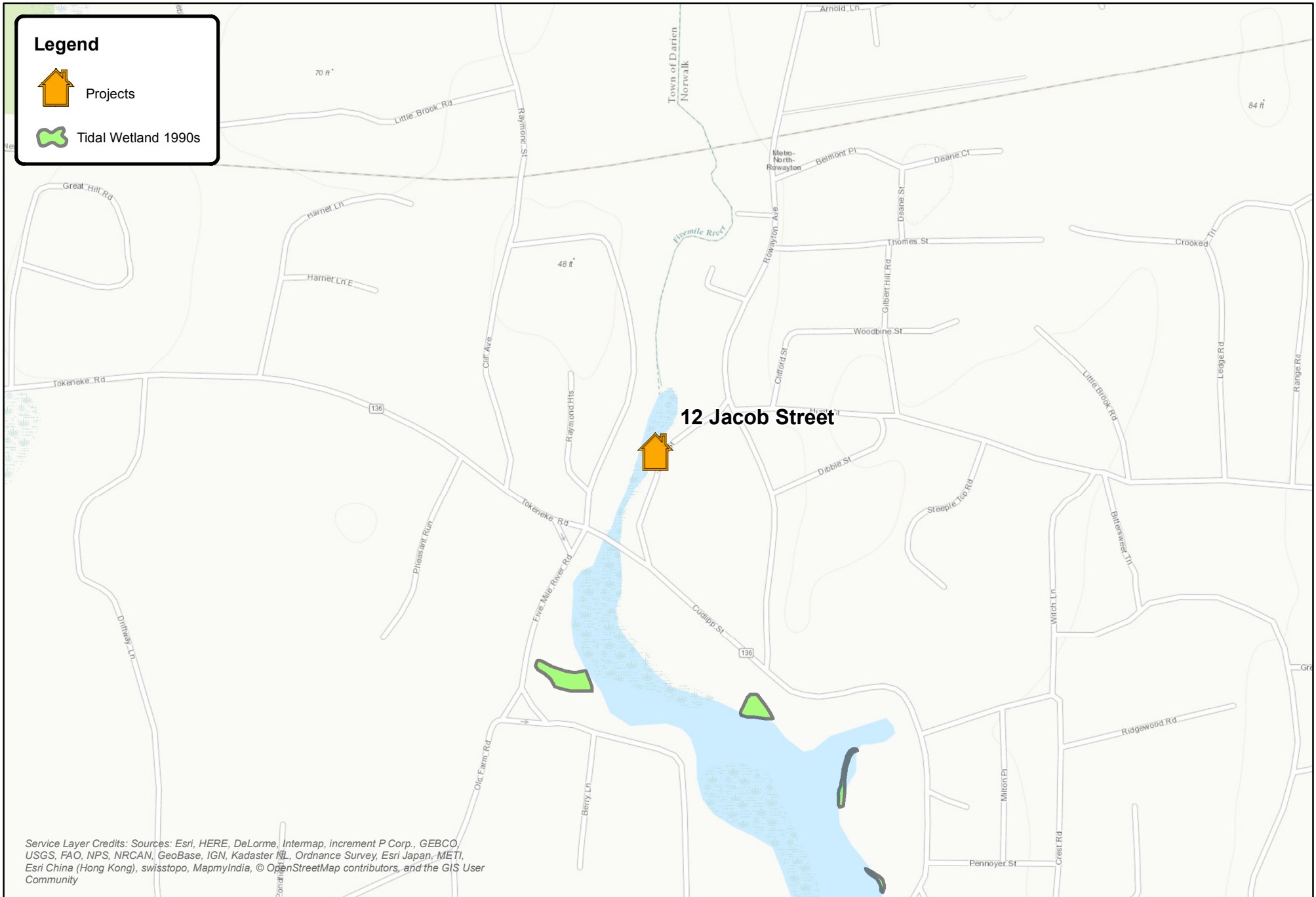
Affix P.E. Stamp Here





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Fax: 860-436-4626
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Attachment 12 – Checklist Item 14C Documentation – Tidal Wetlands Mapping





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Rocky Hill, CT 06067
Tel: 860-436-4364
Fax: 860-436-4626
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Attachment 13 – Checklist Item 14C Documentation – CT DEEP Correspondence

Subject: FW: RE: fw: RE: 12 Jacob Street, Norwalk -- Matthew Heissan #1247
Attachments: 201504788-FM - DOH General Certification for Minor Activities (SIGNED).pdf; fw_RE_12
Jacob Street, Norwalk -- Matthew Heissan #1247.pdf

From: "Caiola, Jeff" <Jeff.Caiola@ct.gov>
Sent: Friday, January 11, 2019 4:34 PM
To: "Matt@Heissan.com" <Matt@Heissan.com>
Subject: RE: fw: RE: 12 Jacob Street, Norwalk -- Matthew Heissan #1247

Matt-

Thank you for your coordination with the Department. With regards to below and the attached email, your home elevation project falls under DOH's Flood Management General certification (please see attached). It is my understanding, from the plans that you have included in your January 9 email, that the finished first floor will be elevated above the 500 yr. base flood event. The proposed structure will also have the same footprint as existing, only being shifted landward slightly. No other coordination on the flood management certification is required at this time. Your plans also show demolition of an existing deck structure with no other proposed work occurring within the Coastal Jurisdiction Line. Removal of this structure falls under our Coastal Maintenance General Permit, Category #7 Removal of Derelict Structures. There is no registration required for Category 7 of the general permit for Coastal Maintenance. I hope this answers your questions, good luck in your new home. Please contact me should you have any other questions. Thank you

Jeff

"No matter what people tell you, words and ideas can change the world." - Robin Williams

Jeffrey P. Caiola, Assistant Director
Land & Water Resources Division
Bureau of Water Protection and Land Re-Use
Connecticut Department of Energy and Environmental Protection
79 Elm Street, Hartford, CT 06106-5127
P: 860.424.4162 | E: jeff.caiola@ct.gov



Connecticut Department of
**ENERGY &
ENVIRONMENTAL
PROTECTION**

www.ct.gov/deep

*Conserving, improving and protecting our natural resources and environment;
Ensuring a clean, affordable, reliable, and sustainable energy supply.*

From: Matthew K. Heissan [<mailto:matt@heissan.com>]
Sent: Wednesday, January 09, 2019 5:22 PM
To: Caiola, Jeff <Jeff.Caiola@ct.gov>
Subject: re: fw: RE: 12 Jacob Street, Norwalk -- Matthew Heissan #1247

Jeff,

I'm attaching another doc and will send you a new email soon. Please, scratch the last email I sent.

Thanks,
Matthew

From: "Matthew K. Heissan" <matt@heissan.com>
Sent: Wednesday, January 9, 2019 4:57 PM
To: jeff.caiola@ct.gov
Subject: fw: RE: 12 Jacob Street, Norwalk -- Matthew Heissan #1247

Jeff,

I've attached the Site Plan and the CAM Approval letter and the CAM Approval Extension letter from the City of Norwalk, CT. We are meeting all the conditions in your email below:

1. The footprint of the building is not expanded
2. No fill is used to raise the structure.
3. Moving the structure away from the watercourse is preferred. I don't think you can move the structure outside because the floodway because it appears to encompass a good portion of your property

Jeff, the new structure will be landward of the CJL, the First Floor Elevation will be above the 500 YR FLOOD ELEV.

Jeff, Matthew Ranando, sent me:

Matt,

I am attaching the site plans/zoning plans that Redniss and Mead had prepared and also the equivalent plans by MCA for your communication with Jeff. It is my understanding that Jeff would have seen the plans from Redniss and Mead and they may serve as a refresher on the project.

Matthew Ranando
Engineer

MARTINEZ COUCH & ASSOCIATES, LLC
1084 Cromwell Avenue, Suite A-2
Rocky Hill, CT 06067
T: 860-436-4364
F: 860-436-4626
MartinezCouch.com

Site/Civil Engineering | Land Surveying | Wastewater Engineering
Environmental Consulting | GIS | Construction Phase Services

From: "Caiola, Jeff" <Jeff.Caiola@ct.gov>
Sent: Thursday, October 30, 2014 1:16 PM
To: "Matt@Heissan.com" <Matt@Heissan.com>
Subject: RE: 12 Jacob Street, Norwalk -- Matthew Heissan #1247

Matthew-

I did not realize your home was in the floodway. **ALL**, the more reason to move the structure away from the watercourse. It appears that your property is located in an inland flood hazard // on the fringe of a coastal flood hazard zone. My thought is this project may still qualify for the general since you are on the fringe of a coastal flood hazard zone and a portion of your property is located within the coastal jurisdiction line. This determination is condition on the following term

1. The footprint of the building is not expanded
2. No fill is used to raise the structure.
3. Moving the structure away from the watercourse is preferred. I don't think you can move the structure outside because the floodway because it appears to encompass a good portion of your property

Let me know if you need anything else.

Jeff

Jeff Caiola, Supervising Civil Engineer
Inland Water Resources Division
Bureau of Water Protection and Land Re-Use
Connecticut Department of Energy and Environmental Protection
79 Elm Street, Hartford, CT 06106-5127
P: 860.424.4162 | E: jeff.caiola@ct.gov

Subject: FW: RE: 12 Jacob Street, Norwalk -- Matthew Heissan #1247
Attachments: 12 jacob street.docx

From: "Caiola, Jeff" <Jeff.Caiola@ct.gov>
Sent: Tuesday, October 28, 2014 8:55 AM
To: "Matt@Heissan.com" <Matt@Heissan.com>
Cc: "rpuza@merrittconstructionservices.net" <rpuza@merrittconstructionservices.net>, "Okafor, Joy" <Joy.Okafor@ct.gov>, "Delaire, Hermia" <Hermia.Delaire@ct.gov>, "apeters@merrittconstructionservices.net" <apeters@merrittconstructionservices.net>, "Yurasevecz, Sharon" <Sharon.Yurasevecz@ct.gov>
Subject: RE: 12 Jacob Street, Norwalk -- Matthew Heissan #1247

Matt-

This email is in response to our telephone conversation yesterday and the email below. Your summation below is correct, you qualify for the flood management general certification provided the following:

1. Your activity is outside the CJL
2. The footprint of the structure remains the same.
3. The finished first floor is elevated 1 foot above the 500 year bfe.

Furthermore, you also asked if DEEP had any concerns with moving the structure. DEEP, with regards to the flood management program has no concerns with moving the structure provided the criteria listed above are met. Please let me know if you have any questions.

Jeff

Jeff Caiola, Supervising Civil Engineer
Inland Water Resources Division
Bureau of Water Protection and Land Re-Use
Connecticut Department of Energy and Environmental Protection
79 Elm Street, Hartford, CT 06106-5127
P: 860.424.4162 | E: jeff.caiola@ct.gov

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*Conserving, improving and protecting our natural resources and environment;
Ensuring a clean, affordable, reliable, and sustainable energy supply.*

[PROGRAM/UNIT/OFFICE WEB SITE ADDRESS – OPTIONAL]

From: Matthew K. Heissan [<mailto:matt@heissan.com>]

Sent: Monday, October 27, 2014 11:55 AM

To: Caiola, Jeff

Cc: rpuza@merrittconstructionservices.net; Okafor, Joy; Delaire, Hermia; apeters@merrittconstructionservices.net

Subject: 12 Jacob Street, Norwalk -- Matthew Heissan #1247

Importance: High

Jeff,

I appreciate you speaking with me today. I've Cc-ed others in this email, so we can all stay informed. I look forward to hearing from you, so we can move this project into the next phase.

As discussed, I want to rebuild my house with the CDGB program's assistance and guidelines. I am proposing to stay within my footprint (hold my footprint), but add additional sq.f.t, bedrooms, and bathrooms. I am proposing to build a 2.5 story home within my existing footprint, with 3 bedrooms, 2.5 baths, abandon my septic system in my front yard that sits next to the water, and elevate my house and mechanicals above the 500 year mark and hook up to the town's sewer system. I will follow the guidelines set by the CDBG program. I am in the "AE" zone. Currently, a small portion of my deck hangs over the Coastal Jurisdiction Line. I am willing to eliminate that portion of the deck in my proposal, so my deck no longer is within the Coastal Jurisdiction Line.

Can you confirm that your organization is approving of the aforementioned, and that I will be under the "general permit?"

On a separate note, I thought it might be a good idea to pull my house footprint a foot or two away from the water, but stay within the same building envelope. What is your organization's opinion on that?

Any questions, please let me know.

Again, thanks for your time.

Matthew

Matthew K. Heissan
917.287.3745

Subject: 12 Jacob Street, Norwalk -- Matthew Heissan #1247

From: "Bellantuono, Kristen" <Kristen.Bellantuono@ct.gov>
Sent: Wednesday, October 14, 2015 1:09 PM
To: "Matthew Heissan" <matt@heissan.com>
Subject: RE: Phone Call -- 12 Jacob house sketch (2015-04-03).pdf

Good Afternoon-I wanted to let you know that Jeff, Marcy and I spoke this am about your project site. Marcy has no problem with your proposal at first glance. She recommended that you speak first to Frank Strauch at Norwalk P&Z to see what may be required of you (i.e. Coastal Site Plan).

Thanks,
Kristen

-----Original Message-----

From: Matthew Heissan [<mailto:matt@heissan.com>]
Sent: Thursday, October 08, 2015 10:13 AM
To: Bellantuono, Kristen
Subject: Re: Phone Call -- 12 Jacob house sketch (2015-04-03).pdf

Kristen,

Thanks for talking. I will follow-up beginning of next week when I see Michael in P&Z.

Take good care,

Matthew K. Heissan
917.287.3745

> On Oct 7, 2015, at 12:49 PM, "Bellantuono, Kristen" <Kristen.Bellantuono@ct.gov> wrote:

>
> Can we discuss at 9 am tomorrow? Please give me a call on my direct line in my office 860-424-3917.

>
> Thanks,
> Kristen

>
> -----Original Message-----

> From: Matthew Heissan [<mailto:matt@heissan.com>]
> Sent: Wednesday, October 07, 2015 12:35 PM
> To: Bellantuono, Kristen
> Subject: Re: Phone Call -- 12 Jacob house sketch (2015-04-03).pdf

>
> Kristen,

>
> Does 1:30 today work, or tomorrow morning at 8:30, or 9am?

>
> Please, let me know what works best for you.

>
> Thanks,

>
> Matthew K. Heissan
> 917.287.3745

>
> On Oct 7, 2015, at 12:02 PM, "Bellantuono, Kristen" <Kristen.Bellantuono@ct.gov> wrote:

>>
>> Mr. Heissan-I have attached the previous permit and summary sheet associated with Permit 201206613-SJ that authorized the following: 1) 200 sf of rip rap 2) 155 linear feet of seawall and 3) 140 sf of deck landward of mean high water .

>>
>> Included within the Public Notice Summary Sheet Section 7, was the following information: Approximately 40 sf of the approximately 180 sf deck is located waterward of mean high water. The permit specifies that only the deck located landward of mean high water is being retained. The applicant has been notified that future deck replacement can only occur on private property, landward of mean high

water.

>>

>> That being said, in reviewing the plan you sent yesterday, I have questions regarding the wood deck and roof as labeled on the plan.

>>

>> Is any work being proposed on/to the seawall?

>>

>> Given the close proximity of the existing dwelling to the coastal jurisdiction line and its proposed demolition, I would like to discuss this component of the project with you since this may in fact require an authorization from OLISP permitting.

>>

>> Let me know when you are available to discuss. I am available until 2 pm today and generally available until 2:30 tomorrow-Thursday.

>>

>> Thanks,

>> Kristen

>>

>> Kristen Bellantuono, Environmental Analyst II Office of Long Island

>> Sound Programs Bureau of Water Protection & Land Reuse Connecticut

>> Department of Energy and Environmental Protection

>> 79 Elm Street, Hartford, CT 06106-5127

>> P: 860.424.3917 | F: 860.424.4054 | E: kristen.bellantuono@ct.gov

>>

>> -----Original Message-----

>> From: Bellantuono, Kristen

>> Sent: Wednesday, October 07, 2015 11:14 AM

>> To: 'Matthew Heissan'

>> Subject: RE: Phone Call -- 12 Jacob house sketch (2015-04-03).pdf

>>

>> Hi Mr. Heissan-I am going to find the old file for your property, will be taking a look at that, and will be taking a look at what you just sent.

>>

>> Are you working with Redniss & Mead-are they your consultant?

>>

>> If so, would it make sense for you and I, as well as the consultant to have a discussion over the phone?

>>

>> Kristen

>>

>> -----Original Message-----

>> From: Matthew Heissan [<mailto:matt@heissan.com>]

>> Sent: Tuesday, October 06, 2015 3:34 PM

>> To: Bellantuono, Kristen

>> Cc: Balint, Marcy; Caiola, Jeff

>> Subject: Re: Phone Call -- 12 Jacob house sketch (2015-04-03).pdf

>>

>> Kristen,

>>

>> Attached is the file for my house/property.

>>

>> Let me know what time works for you.

>>

>> Thanks,

>> Matthew K. Heissan

>> 917.287.3745

>>

>> <12 Jacob Street.pdf>

>> <Heissan Public Notice Summary.pdf>

>

>

**COASTAL JURISDICTION LINE
"CJL"
ELEVATION 5.4 (07/2014)**

EXISTING DWELLING
TO BE DEMOLISHED

EXISTING SEAWALL
TO REMAIN


EXISTING TREE TO
BE REMOVED

CONTROL POINT
SPIKE
ELEV = 4.92
N 4898.89
E 4611.93

COASTAL JURISDICTIONAL LINE = 5.4
100YR FLOOD ELEV. = 12.0
500 YR FLOOD ELEV. = 16.5

EXISTING FFE = 10.5
PROPOSED FFE = 17.5

**POTENTIAL HOUSE LOCATION
12 JACOB STREET
NORWALK, CT**



**REDNISS
& MEAD**

LAND SURVEYING
CIVIL ENGINEERING
PLANNING & ZONING CONSULTING
PERMITTING

22 First Street | Stamford, CT 06905
Tel: 203.327.0500 | Fax: 203.357.1118
www.rednissmead.com

COMM. NO.:	DATE:
7886	4/03/2015
	SCALE:
	1" = 20'

4/3/2015 10:45 AM H:\Jobfiles\217000\7800\7881\DWG\7881 Siteplan.dwg



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

Attachment 14 – Checklist Item 14E Documentation – City of Norwalk – Variance Application and
Extension Approval



CITY OF NORWALK
Norwalk Zoning Board of Appeals
125 East Avenue
PO BOX 5125
Norwalk, CT 06856-5125

DATE:

RE:

18-0301-01
12 Jacob Street
Matthew K. Heissan

Section 118-1410B of the Building Zone Regulations requires that a variance be recorded in the Land Records.

THE RECORDING FEE IS \$60.00 for the first page and \$5.00 for each additional page. Please obtain a copy of the Z.B.A. Certificate of Variance from the Planning and Zoning Commission Office and have same recorded at the Town Clerk's Office before any Zoning Approvals and Building Permits are issued. Checks should be made payable to the "Town Clerk – City of Norwalk."

Please note until fee is paid and the Recording is made the variance is not effective.

OWNERS SHOULD RETURN THIS COPY TO THE ZONING OFFICE AFTER THE RECORDING IS MADE:

DATED RECEIVED BY TOWN CLERK

4/23/18
(date)

10:20am
(time)

#4451
(docket)

nic
(initial)

CERTIFICATE OF VARIANCE

RECEIVED
APR 27 2018

VARIANCE NO. 18-0301-01

I, Aline Rochefort, Zoning Inspector for the City of Norwalk, do hereby certify that a Public Hearing was held on March 1, 2018 by the Zoning Board of Appeals on the following application:

18-0301-01 - Matthew K. Heissan – Variances for construction of a new single family residence, front yard setback 40 ft. required; 16.3ft proposed, 20% rear setback required; 3ft. proposed (Section 118-330C) in A Residence Zone. **Property located at 12 Jacob Street.** District 6, Block 26, Lot 16, CAM.

Property located at **12 Jacob Street**

The owner of record is **Matthew K. Heissan**

In determination of the above matter the Zoning Board of Appeals adopted the following resolution effective March 9, 2018;

MR. CONROY MOVED to APPROVE the variance application due to the hardship of the size of the buildable portion of the lot which has been approved by a previous variance.

Mr. Beggan seconded.
Joe Beggan; Taylor Strubinger; Lee Levey, Greg Brasher; Andy Conroy voted in favor.
No one opposed.
No one abstained.

EXECUTED AT NORWALK, CT THIS 16th DAY OF March 2018.



ZONING INSPECTOR

ORIGINAL

CITY OF NORWALK - VARIANCE APPLICATION

10/1/09

FEES (includes State of CT land use fee)	
1&2 FAMILY RESIDENTIAL	\$260.00
MULTI-FAMILY	\$560.00
COMMERCIAL/INDUSTRIAL	\$560.00
APPEALS	\$260.00
EXTENSION OF TIME	\$510.00

FOR ZBA USE

Joseph S. ...

...

...

...

...

VARIANCE # _____

Application for:

- Variance () Appeal
- Special Permit () Special Exception
- Extension of time

Eleven copies of this application must be filed with a check for \$260.00 payable to "Treasurer - City of Norwalk", eleven (11) copies of Class A-2 Survey showing all buildings - existing and proposed; and 11 sets of dimensioned, scale general arrangement project drawings where applicable. Answer all questions fully using separate sheet if necessary. Please read instructions carefully. All applications and supplemental information sheets must be typed.

February 1st, 20 18

LOCATION: 12 Jacob Street DATE ACQUIRED: 10/22/2008
 (Street Address)

APPLICANT: Matthew K. Heissan ADDRESS: 12 Jacob Street, Norwalk, CT 06853
 _____ TEL. # (917) 287-3745

OWNER: _____ ATTORNEY: _____
 (If other than applicant)

ADDRESS: _____ ADDRESS: _____

PLATE 9SE DIST. 6 BLOCK 26 LOT 16 ZONE A FL. ELEV. AE12.1 CAM YES

1. STATE VARIANCE OR APPEAL REQUESTED (SPECIFY ZONING SECTIONS).
 SEC. 118-330 -- Requesting Variances for Front Yard Setback
 SEC. 118-330 -- Requesting Variances for Rear Yard Setback
 See Attachment B

2. STATE PRACTICAL DIFFICULTIES OR UNNECESSARY HARDSHIPS. (VARIANCE ONLY.)
 Owner needs to rebuild dwelling due to damage during Super Storm Sandy, and conform to FEMA regulations.
 See Attachment B

3. IF APPLICATION IS FOR SETBACK VARIANCE, STATE REQUIRED DISTANCE, PROPOSED DISTANCE (EACH AS SHOWN ON SURVEY), AND STATE REQUIRED VARIANCE DIMENSION (FEET AND DECIMAL FRACTION).
 Front Setback Required 40' - Existing 15.1'(Dwelling) - Proposed 17.6'(Dwelling), 16.3' (Deck) - Variance Requested 22.4'(Dwelling), 23.7' (Deck).
 Rear Yard Setback Required 20% need not exceed 20' - Existing portions of the Deck extend over MHW, 3' (Dwelling) - Proposed Rear Yard Setback 12.1' (Dwelling), 10.9' (Deck), 3' (Deck) - Variance Requested 7.9' (Dwelling), 9.1' (Deck), 17.0' (Deck)

4. IF APPLICANT IS NOT THE OWNER, STATE APPLICANTS INTEREST:

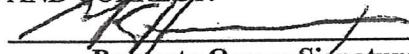
5. WHAT PREVIOUS APPLICATION(S) HAVE BEEN MADE FOR VARIANCE FOR THIS PROPERTY. (Give file number and copies if applicable).
 November 03, 2016, See Attachment D
 July 28, 1960 - See Attachment D

6. DOES PROPERTY CONTAIN WETLANDS OR A WATERCOURSE?
 Yes, in and adjacent to inland wetlands, and watercourse on part of property.

7. IT IS THE APPLICANT'S RESPONSIBILITY TO NOTIFY ALL ADJOINING PROPERTY OWNERS INCLUDING THOSE ACROSS THE STREET (SEE ATTACHED NOTIFICATION INSTRUCTIONS). LIST THE NAME AND MAILING ADDRESS OF SUCH OWNERS.

- | | |
|--|---|
| Rowayton Fuel & Oil Co., Inc. | Susan Brownlee, 10 Raymond St. Darien, CT 06820 |
| 21 Jacob Street, Norwalk, CT 06853 | Scott Kracke, 14 Raymond St. Darien, CT 06820 |
| Norwalk's Land Trust Inc. P.O. Box 34, | Thomas & Lauri Benita, 6 Raymond St. Darien, CT 06820 |
| 10 Jacob Street, Norwalk, CT 06853 | David Pereira, 800 Boston Post Rd Darien, CT 06820 |
| Kurt Nelson & Jennifer Ladd-Nelson | _____ |
| 19 Jacob Street, Norwalk, CT 06853 | _____ |

I HEREBY CERTIFY THAT ALL OF THE STATEMENTS HEREIN CONTAINED ARE TRUE AND CORRECT.

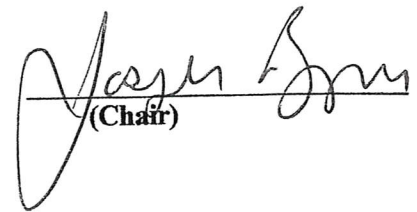


 Property Owner Signature

 Applicant Signature

(FOR BOARD USE ONLY)

HEARING DATE: 3/1/2018 EFFECTIVE DATE: 3/9/2018
 GRANTED (X)
 GRANTED WITH CONDITIONS ()
 DENIED ()
 DENIED W/O PREJUDICE



 (Chair)

CITY OF NORWALK - VARIANCE APPLICATION

10/1/09

FEES (includes State of CT land use fee)

1&2 FAMILY RESIDENTIAL	\$260.00
MULTI-FAMILY	\$560.00
COMMERCIAL/INDUSTRIAL	\$560.00
APPEALS	\$260.00
EXTENSION OF TIME	\$510.00

FOR ZBA USE

VARIANCE # 18-0301-01

Application for:

- Variance Appeal
- Special Permit Special Exception
- Extension of time

Eleven copies of this application must be filed with a check for \$510.00 payable to "Treasurer - City of Norwalk", **eleven (11) copies of Class A-2 Survey** showing all buildings - existing and proposed; and **11 sets of dimensioned, scale general arrangement project drawings** where applicable. Answer all questions fully using separate sheet if necessary. Please read instructions carefully. **All applications and supplemental information sheets must be typed.**

August 2nd, 20 18

LOCATION: 12 Jacob Street DATE ACQUIRED: 10/22/2008
 (Street Address)

APPLICANT: Matthew K. Heissan ADDRESS: 12 Jacob Street, Norwalk, CT 06853
 _____ TEL. # (917) 287-3745

OWNER: _____ ATTORNEY: _____
 (If other than applicant)

ADDRESS: _____ ADDRESS: _____

PLATE 9SE DIST. 6 BLOCK 26 LOT 16 ZONE A FL. ELEV. AE12.1 CAM YES

1. STATE VARIANCE OR APPEAL REQUESTED (SPECIFY ZONING SECTIONS).
 SEC. 118-330 – Requesting Variances for Front Yard Setback

 SEC. 118-330 -- Requesting Variances for Rear Yard Setback

 See Attachment B

2. STATE PRACTICAL DIFFICULTIES OR UNNECESSARY HARDSHIPS. (VARIANCE ONLY.)
 Owner needs to rebuild dwelling due to damage during Super Storm Sandy, and conform to FEMA regulations.

 See Attachment B

3. IF APPLICATION IS FOR SETBACK VARIANCE, STATE REQUIRED DISTANCE, PROPOSED DISTANCE (EACH AS SHOWN ON SURVEY), AND STATE REQUIRED VARIANCE DIMENSION (FEET AND DECIMAL FRACTION).
Front Setback Required 40' - Existing 15.1'(Dwelling) - Proposed 17.6'(Dwelling), 16.3' (Deck) - Variance Requested 22.4'(Dwelling), 23.7' (Deck).
Rear Yard Setback Required 20% need not exceed 20' - Existing portions of the Deck extend over MHW, 3' (Dwelling) - Proposed Rear Yard Setback 12.1' (Dwelling), 10.9' (Deck), 3' (Deck) - Variance Requested 7.9' (Dwelling), 9.1' (Deck), 17.0' (Deck)
4. IF APPLICANT IS NOT THE OWNER, STATE APPLICANTS INTEREST:

5. WHAT PREVIOUS APPLICATION(S) HAVE BEEN MADE FOR VARIANCE FOR THIS PROPERTY. (Give file number and copies if applicable).
November 03, 2016, See Attachment D
July 28, 1960 - See Attachment D

6. DOES PROPERTY CONTAIN WETLANDS OR A WATERCOURSE?
Yes, in and adjacent to inland wetlands, and watercourse on part of property.

7. IT IS THE APPLICANT'S RESPONSIBILITY TO NOTIFY ALL ADJOINING PROPERTY OWNERS INCLUDING THOSE ACROSS THE STREET (SEE ATTACHED NOTIFICATION INSTRUCTIONS). LIST THE NAME AND MAILING ADDRESS OF SUCH OWNERS.
- | | |
|---|--|
| <u>Rowayton Fuel & Oil Co., Inc.</u> | <u>Susan Brownlee, 10 Raymond St. Darien, CT 06820</u> |
| <u>21 Jacob Street, Norwalk, CT 06853</u> | <u>Scott Kracke, 14 Raymond St. Darien, CT 06820</u> |
| <u>Norwalk's Land Trust Inc. P.O. Box 34,</u> | <u>Thomas & Lauri Benita, 6 Raymond St. Darien, CT 06820</u> |
| <u>10 Jacob Street, Norwalk, CT 06853</u> | <u>David Pereira, 800 Boston Post Rd Darien, CT 06820</u> |
| <u>Kurt Nelson & Jennifer Ladd-Nelson</u> | _____ |
| <u>19 Jacob Street, Norwalk, CT 06853</u> | _____ |

I HEREBY CERTIFY THAT ALL OF THE STATEMENTS HEREIN CONTAINED ARE TRUE AND CORRECT.

Matthew K. Heenan

 Property Owner Signature

 Applicant Signature

(FOR BOARD USE ONLY)

HEARING DATE: _____ EFFECTIVE DATE: _____
 GRANTED ()
 GRANTED WITH CONDITIONS ()
 DENIED ()
 DENIED W/O PREJUDICE

 (Chair)



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

Attachment 15 – Checklist Item 14E Documentation – City of Norwalk – CAM Approval



CITY OF NORWALK - PLANNING & ZONING
Frank J. Strauch, RLA
Site Planner
fstrauch@norwalkct.org
P: 203-854-7955 / F: 203-854-7958
125 East Avenue, PO BOX 5125
Norwalk, CT 06856-5125

March 24, 2017

Sent Certified Mail
No. 7011 1150 0000 3157 3883

Matthew Heissan
12 Jacob Street
Norwalk, CT 06853

RE: #6-17CAM – Matthew Heissan – 12 Jacob Street – New single family residence

Tax Map: 24NW District: 3 Block: 68 Lot: 12 Zone: A Flood Zone: AE (El. 12); and VE (El. 14); Eff. 7/8/13

Dear Mr. Heissan:

At their meeting of March 15, 2017, the Norwalk Zoning Commission adopted the following resolution:

RESOLVED that application #6-17CAM, construction of a new single-family residence for the property 12 Jacob Street and as shown on the site plans dated 2/10/2017 by Redness and Mead, Stamford, CT and on the architectural drawings dated 1/5/2017 by Westchester Modular Homes of Fairfield County, Inc., Bethel, CT **be approved** subject to the following conditions:

1. That all CEAC sign-offs be submitted; and
2. That all required soil sedimentation and erosion controls are in place prior to the start of any construction; and
3. That any additional needed soil sedimentation and erosion controls be installed at the direction of the Staff; and

BE IT FURTHER RESOLVED that this proposal complies with all applicable coastal resource and use policies; and

BE IT FURTHER RESOLVED that the effective date of this approval shall be March 24, 2017.

You must obtain a zoning approval and a building permit prior to any work on the site. A building permit must be obtained within one year of the effective date or this CAM approval automatically becomes null and void.

Enclosed please find a copy of the "Policy on Construction Inspection in the City of Norwalk." You are responsible for obtaining all other permits. You are also responsible for obtaining permits from the Dept. of Public Works prior to any construction within a street right-of-way. All work must comply with the public works standards for the City of Norwalk.

If you have any questions regarding this matter, please contact me directly either by phone at 203-854-7955 or by email at fstrauch@norwalkct.org.

Very truly,

Frank J. Strauch, RLA
Site Planner

Enc: Policy On Construction Inspection

Cc: File



NORWALK ZONING COMMISSION
125 East Avenue
Norwalk, Connecticut

April 11, 2017

Sent Certified Mail
No. 7011 1150 0000 3157 4132

Matthew Heissan
12 Jacob Street
Norwalk, CT 06853

RE: #6-17CAM – Matthew Heissan - 12 Jacob Street – New single family residence – Request for one year extension of approval time

Dear Mr. Heissan:

At their meeting of **April 5, 2018**, the Norwalk Zoning Commission adopted the following resolution:

RESOLVED by the Norwalk Zoning Commission that the approval time on #6-17CAM, construction of a new single-family residence for the property 12 Jacob Street – Request for 1 year extension of approval time **be approved** for an extension of a period of 365 days with the following condition:

1. That property taxes be kept current for the duration of the extension period;

BE IT FURTHER RESOLVED that the effective date of this approval shall be April 13, 2018.

You must obtain a zoning approval and a building permit prior to any work on the site. A building permit must be obtained by **April 13, 2019** or this special permit approval automatically becomes null and void.

Enclosed please find a copy of the “Policy on Construction Inspection in the City of Norwalk.” You are responsible for obtaining permits from the Department of Public Works prior to any work in a street right-of-way. All work must comply with the standards for the City of Norwalk, whether or not those standards were specifically discussed in the process of reviewing the application.

If you have any questions regarding this approval, please contact me directly either by phone at 203-854-7955 or by email at fstrauch@norwalkct.org.

Very truly,

Frank J. Strauch, RLA
Site Planner

Cc: File