NEPA ENVIRONMENTAL REVIEW REPORT

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

Site ID No. 1313
1 Yost Street
Norwalk, Connecticut

February 2017

Ref. No. 104318/39/R01

Prepared for:

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

Prepared by:

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

385 Church Street, Suite 201, Guilford, Connecticut 06437 • Phone 203.458.7200 Fax: 203.458.7201

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APPENDICES

1.0 - INTRODUCTION

Triton Environmental, Inc. (Triton) has prepared this National Environmental Policy Act (NEPA) evaluation for the property located at 1 Yost 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 has been 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 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

The two-story home includes an attached garage. The proposed work plan for the site includes raising the structure above the 500 yr flood elevation at its current location. Therefore, the scope of work is raising of the dwelling above the 500 yr flood elevation, constructing an addition for mechanicals, electrical, plumbing, and laundry as well as garage rehabilitation. As such, the work zone as described by Merritt consists of the entire structure including the basement, first floor, second floor and garage. The basement will be filled to grade and flood vents will be installed after the structure is elevated.

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 October 19, 2016 by Mr. Brian Sirowich of Triton.

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 polychlorinated biphenyls (PCBs); and
- Potential 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 a flood zone based on the FEMA Flood Insurance Rate Map 09001C0533G dated July 8, 2013. The site is located with an area mapped as an AE zone, which is within the 100-year flood zone.

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 (No. 201405290-FM) for all CDBG-DR projects. Work shall be conducted in accordance with the conditions of the Certificate.

2.2.2 - Lead-Based Paint (Item 13C)

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

2.2.3 - Asbestos-Containing Materials (Item 13D)

Based on the site inspection and the age of the building, potential asbestos-containing materials were observed in the work zone.

2.2.4 - Mold (Item 13F)

Based on the site inspection, the potential for mold was identified within the work zone. However, mold was not observed on any surfaces within the work zone and the most likely location of the presence of mold is within the basement, which will be filled.

2.3 - Additional Items (Not Included in Statutory Checklist)

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

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

3.0 - HAZARDOUS MATERIALS EVALUATIONS

Based on the preliminary inspection of the subject property, the following hazardous materials surveys were completed.

3.1 - Work Zone Lead Inspection and Lead Hazard Risk Assessment

An inspection of potential lead-based paint was completed within the work zone such that the work can be completed safely and in accordance with the EPA's Renovation, Remodeling, and Painting (RRP) Rule as well as Occupational Safety and Health Organization (OSHA) requirements. In addition, the structure was reportedly constructed prior to 1978 and, based on information provided by Merritt, the overall cost of the renovation work is anticipated to exceed $25,000.00. As such, Triton completed a lead hazard risk assessment of the entire property in accordance with the United States Department of Housing and Urban Development (HUD) Lead Safe Housing Rule (24 CFR 35). The inspection and lead hazard risk assessment were completed by a State of Connecticut certified lead inspector and risk assessor.

3.1.1 - XRF Lead Testing in Work Zone

As indicated in Section 1.1, the work zone as described by Merritt is considered to be first floor of the dwelling and the exterior of the garage. Triton conducted testing of the work zone using X-Ray Fluorescence (XRF). The survey was completed by a Connecticut certified lead inspector. The survey was completed using a Niton XL-300A XRF instrument. XRF readings were taken at a total of 25 locations of 13 distinct building materials in the work zone. Appendix C contains a spreadsheet summarizing the results. The results of the XRF testing indicate that none of the painted building materials tested within the work zone contained lead concentrations greater than the action level of 1 mg/cm^2 (0.5% by weight).

3.1.2 - Lead Hazard Risk Assessment

The structure was reportedly constructed prior to 1978, and according to Merritt, the overall cost of the renovation work is anticipated to exceed $25,000.00. As such, Triton completed a lead hazard risk assessment of the property in accordance with the

HUD Lead Safe Housing Rule (24 CFR 35). The risk assessment was completed by a State of Connecticut certified risk assessor.

3.1.2.1 - Site Information and Visual Assessment

The subject structure is a three-bedroom, single-family residential house reportedly constructed in 1965. The site is owned by Kevin Dupree. There are currently three full-time occupants of the house, and reportedly no children under the age of six reside there on a full or part time basis. For additional information, please refer to Form 5.0 (Resident Questionnaire) included in Appendix C.

As an initial step, the Triton risk assessor completed a visual inspection of the dwelling, as summarized below. Observations regarding the general condition of the building can often offer insight into where future lead-based paint hazards may occur and whether certain hazard control options are likely to be successful. Information regarding the overall condition of the building is found in Form 5.1 (Building Condition Form) in Appendix C. As indicated in Form 5.1, less than two items were checked as "Yes," indicating that (for the purposes of a risk assessment) the dwelling is considered to be in good condition.

The visual assessment was completed for the residence in order to identify:

- Deteriorating painted surfaces;
- Areas of visible dust accumulation;
- Areas of bare soil;
- Painted surfaces that are impact points or subject to friction; and
- Painted surfaces on which a child may have chewed.

Based on the visual assessment, the following areas of concern were identified:

Type of Potential Concern	Present? (Yes/No)	Locations Identified
Deteriorated Paint	Yes	Second floor bedroom walls and ceiling
Dust Accumulations	Yes	Master bedroom carpet, 1st floor window trough
Bare Soil	Yes	Drip line
Impact/Friction Surfaces	No	
Chewable Surfaces	No	

A summary of the visual paint inspection is provided on Form 5.2, "Paint Conditions on Selected Surfaces," provided in Appendix C. The areas of potential concern identified above were used to determine where environmental samples were collected (see below) or where further evaluation was needed.

3.1.2.2 - XRF Testing (Deteriorated Paint Areas)

In order to further evaluate the locations of deteriorated paint, Triton conducted testing using XRF. The survey was completed by a Connecticut certified lead inspector/risk assessor. The surveys were completed using a Niton XL-300A XRF instrument.

The results of the field XRF sampling are summarized on Form 5.3, "Field Sampling Form for Deteriorating Paint," provided in Appendix C. As indicated on Form 5.3, none of the areas of deteriorated paint contained lead levels in excess of the HUD action level of 1 mg/cm^2.

3.1.2.3 - Dust Sampling

A total of two dust wipe samples were collected during the risk assessment from the areas identified with visible dust. The dust wipe samples collected are summarized in Form 5.4, "Field Sampling Form for Dust," provided in Appendix C. As indicated on Form 5.4, neither of the dust samples contained concentrations in excess of applicable HUD action levels. The laboratory analytical report is included in Appendix E.

3.1.2.4 - Soil Sampling

As indicated in Section 3.1.2.1, bare soil areas were identified in the following locations at the residence: portions of the dripline of the roof were not covered with mulch and are considered to be bare soil.

A composite soil sample was collected from each area by collecting three or more discrete samples (from the upper ½ inch of soil) and compositing the soil in a pre-cleaned stainless steel bowl. The homogenized sample was then transferred into a laboratory clean sample container for analysis. Form 5.5 "Field Sampling Form For Soil" (included in Appendix C) provides a summary of the soil sampling conducted. As indicated on Form 5.5, the lead concentration in the soil sample is below the HUD interim standard of 400 mg/kg.

3.2 - Asbestos Sampling

An asbestos survey was completed of the work zone on October 19, 2019. 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 asbestos inspector to identify suspect asbestos-containing materials (ACM). Once the location and quantity of each suspect ACM was documented, up to three representative samples of each suspect material were 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 12 samples were collected from six homogeneous building materials within the work zone. Ultimately only ten samples were tested due to stoppage of further testing when a positive result was obtained on the first of multiple samples from a group. The

results indicated that asbestos greater than 1% was identified in certain building materials, which are summarized in the following table. As shown below, the black tar coating on the garage floor contains approximately 2% chrysotile and the grey transite paneling in the garage contains approximately 20% chrysotile. Both of these areas are within the work zone and will require abatement.

Material	Location	Approx. Quantity	Condition	% Chrysotile
Black tar	Garage floor	400 SF	Poor	2%
Grey transite	B side garage wall	150 SF	Poor	20%

A roster of the building materials suspected of containing asbestos (and subsequent samples) is attached as Appendix D. The laboratory analytical report is attached in Appendix E.

3.3 - PCB Sampling

PCB sampling was conducted by Triton on October 19, 2016. Prior to sampling, Triton conducted a visual survey of the work zone for potential PCB-containing materials. A sampling plan was then developed in order to collect a set of samples that was representative of the various materials observed. Where a significant number of homogeneous window units are present, the EPA 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)
Window caulk	Bathroom window	10	1
Window caulk	Basement window	4	1

As indicated, two samples were collected from the work zone that is believed to provide a representative evaluation of the potential PCB-containing material observed. The samples were collected using hand tools (e.g. utility knife). The samples were analyzed for PCBs by EPA Method 8082 (using the soxhlet extraction method).

PCBs were not detected in the sample (P-1) collected from the exterior of the bathroom window or the sample (P-2) collected from the basement window caulk. The laboratory analytical results are provided in Appendix E.

3.4 - Mold Inspection

Triton completed a visual mold inspection of the work area on October 19, 2016. Mold was not observed within the work zone. Although not directly observed, it is possible that mold may be present on surfaces that could not be during the inspection. However, the most likely location for the presence of mold is the basement, which will be filled following raising of the dwelling. Therefore, the potential presence of mold in the basement would not require abatement. As such, sampling for the presence of mold spores was not conducted.

4.0 - CONTRACTOR BID ITEMS

Triton has completed building materials surveys within the proposed work area described by Merritt that have resulted in the identification of asbestos. The contractor will be required to address these items in accordance with all appropriate regulatory requirements and industry standards and guidelines as described below.

4.1 - Asbestos Abatement

Approximately 400 square feet of asbestos-containing black tar material was identified on the garage floor and approximately 150 square feet of asbestos-containing grey transite was identified on the B side wall of the garage. Both of these areas are within the work zone. To be protective of the health of occupants, any ACM to be disturbed during construction will be required to be removed by a licensed asbestos abatement contractor. All abatement activities must be conducted in accordance with local, state, and federal regulations including, but not limited to, project design, containment structures, air monitoring, and clearance sampling by a licensed project monitor. Waste materials must also be properly disposed of at an appropriately permitted disposal facility. The abatement contractor must provide credentials/adequate qualification documentation and a work plan for abatement with their bid for review by Merritt and Triton.

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 (No. 201405290-FM) for all CDBG-DR projects. Work shall be conducted in accordance with the conditions of the Certificate.

2. Asbestos-Containing Materials (ACM) - Based on the results of the asbestos survey and testing, the black tar on the garage floor and the grey transite on the B side wall of the garage were identified as ACMs containing asbestos greater than 1%. Both of these areas are within the work zone, and as such, the asbestos-containing tar and transite will have to be removed by a qualified contractor. Additional suspect ACM may be encountered during renovations in spaces that were inaccessible or not apparent during the inspection such as within walls, beneath surface layers of flooring, on surface materials (e.g. foundation waterproofing), etc. As such, Triton recommends that a competent person be present during the renovation work who is capable of identifying additional suspect materials. Any such suspect materials encountered during the demolition must be sampled, tested, and if necessary, abated.

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

In addition, the following items were investigated but are satisfactory:

1. Lead-based Paint -The work zone lead-based paint inspection did not identify lead in excess of the HUD or EPA action level of 1.0 mg/cm^2. In addition the lead risk assessment did not identify lead hazards associated with the property.

2. PCBs - The testing of suspect building materials in the work zone did not identify materials containing PCB.

3. Mold - Mold requiring abatement was not identified.

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 emerging 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. 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 comprehensive hazardous materials survey or 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

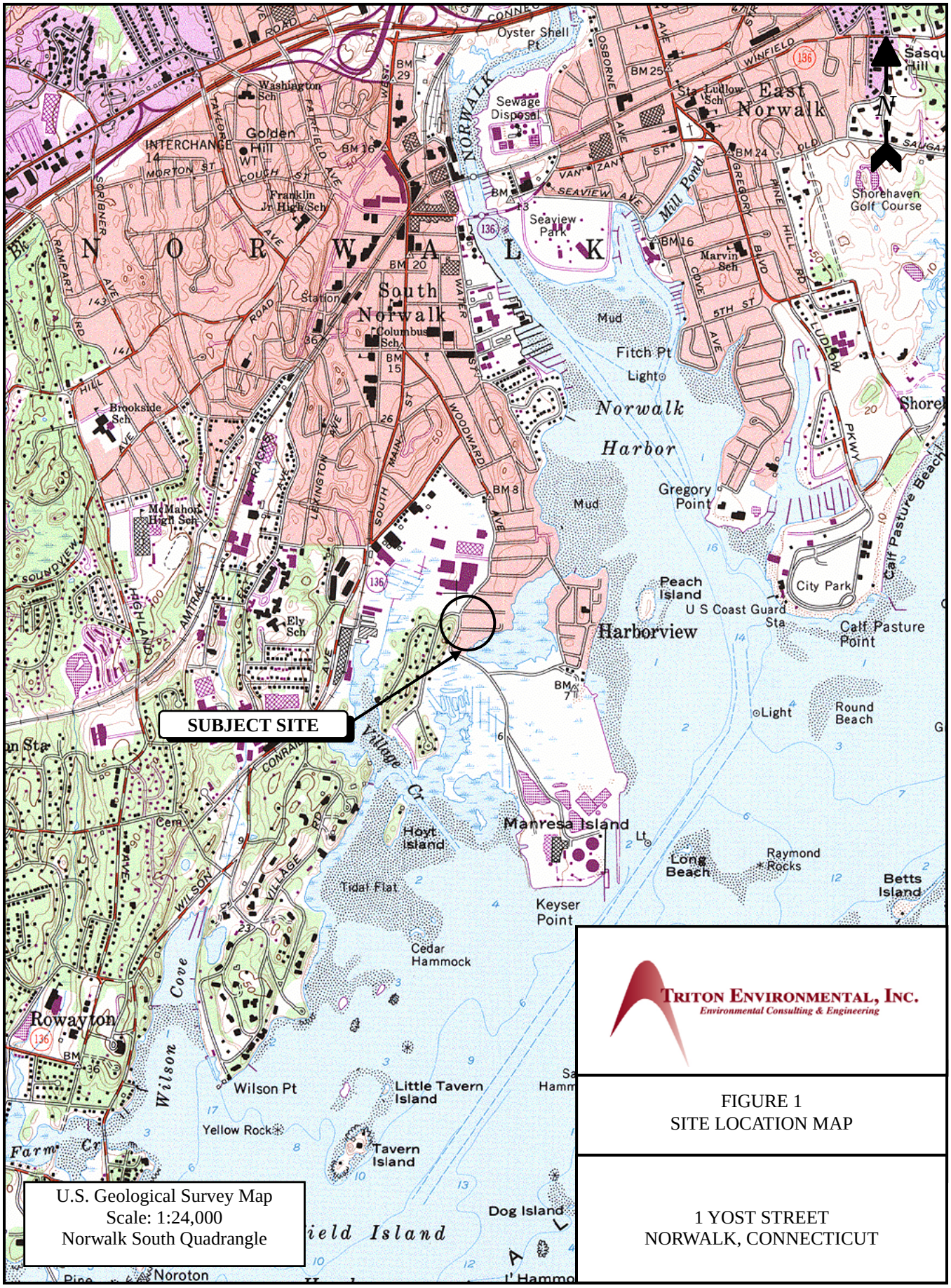
This report has been prepared by Triton Environmental, Inc. The names listed below are the principal authors of this report. Requests for information regarding the content of this report should be directed to those individuals.

David Vasiliou, LEP
Senior Project Manager

J. Carver Glezen, LEP
Senior Vice President

Christopher E. Marchesi
President

FIGURES

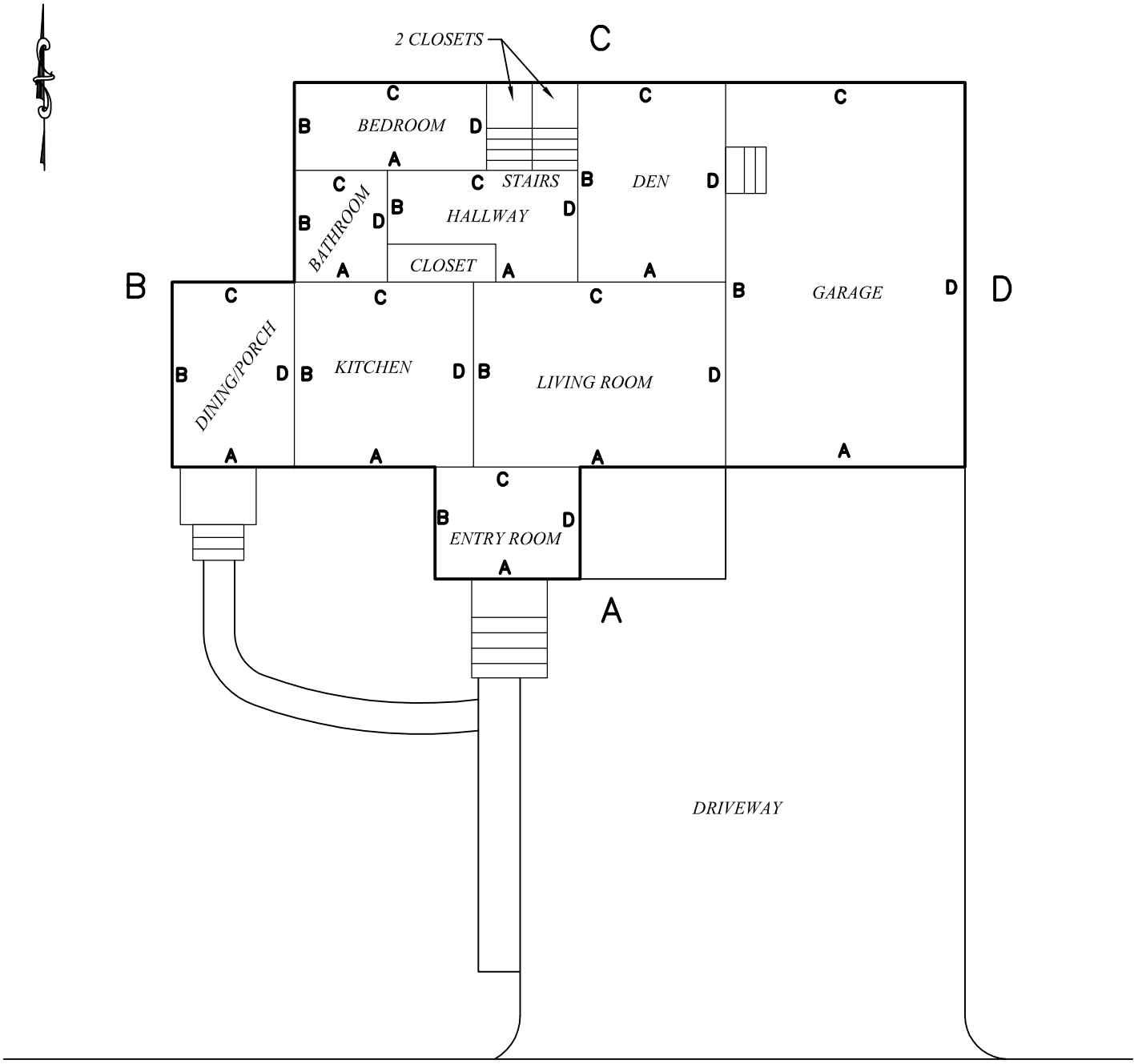


U.S. Geological Survey Map
Scale: 1:24,000
Norwalk South Quadrangle

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

FIGURE 1
SITE LOCATION MAP

1 YOST STREET
NORWALK, CONNECTICUT



NOT TO SCALE – SKETCH ONLY
FOR ILLUSTRATIVE PURPOSES

NOTES:

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FIGURE 2

SITE DIAGRAM

FIRST FLOOR

APPLICANT #1313
1 YOST STREET
NORWALK, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: DVS
DATE: 10/20/16	SCALE: N.T.S.	FILE No.:104318–1YOST

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Layout: FIRST FLOOR

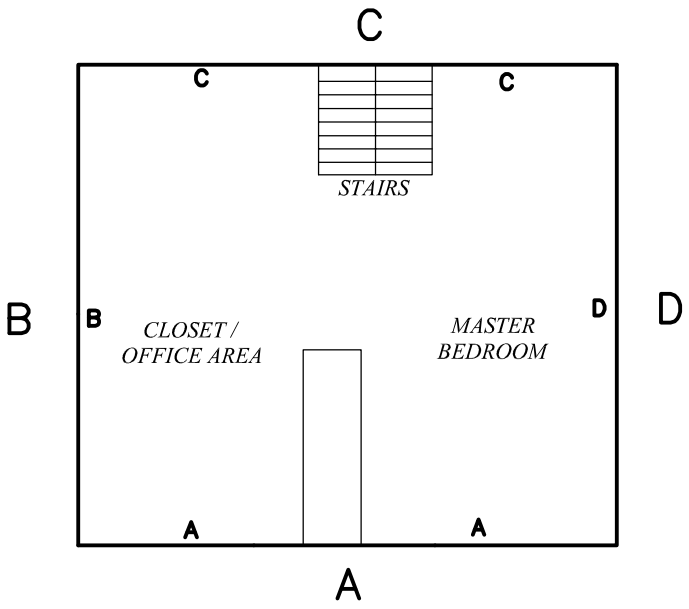

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FIGURE 2

SITE DIAGRAM

SECOND FLOOR

APPLICANT #1313
1 YOST STREET
NORWALK, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: DVS
DATE: 10/20/16	SCALE: N.T.S.	FILE No.:104318–1YOST

P:\CAD\DRAWINGS\104000\104318\FIGURES\1 YOST STREET\104318–1YOST.DWG
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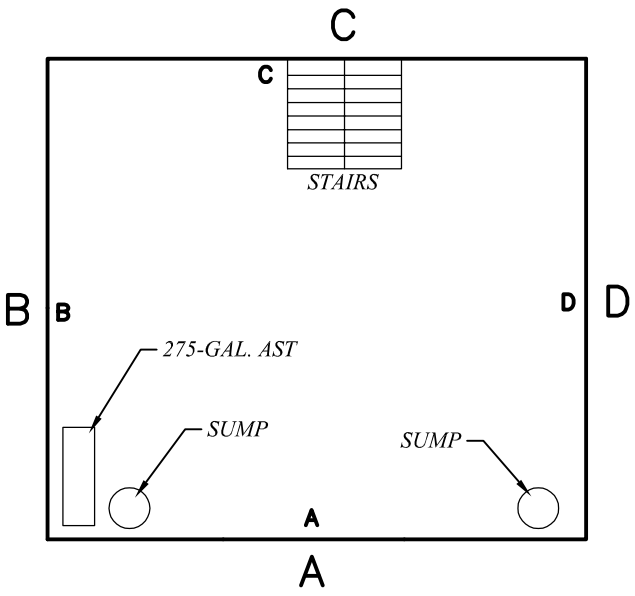

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FIGURE 2

SITE DIAGRAM

BASEMENT

APPLICANT #1313
1 YOST STREET
NORWALK, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: DVS
DATE: 10/20/16	SCALE: N.T.S.	FILE No.:104318–1YOST

P:\CAD\DRAWINGS\104000\104318\FIGURES\1 YOST STREET\104318–1YOST.DWG
Layout: BASEMENT

Appendix A

Public Resource Maps

SM

Department of Economic and Community Development

Connecticut
still revolutionary

December 12, 2016

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
1 Yost Street (Application #1313)
Norwalk, Connecticut

Dear Ms. Delaire:

The State Historic Preservation Office (SHPO) has reviewed the information submitted to our office for the above-named property pursuant to the provisions of Section 106 of the National Historic Preservation Act of 1966. SHPO understands that the property owners have requested funding from your agency to reimburse expenses associated with the rehabilitation and elevation of their home. The subject building is located adjacent to the Village Creek Historic District, a property listed on the National Register of Historic Places. It is the opinion of this office that the design plans do not detract from the historic qualities of its neighbors. Because these changes do not impact the character defining features of the Village Creek Historic District, the undertaking will have no adverse effect.

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

Sincerely,

Catherine Labadia
Deputy State Historic Preservation Officer

MAP SCALE 1" = 500'

250 0 500 1000

FEET

NFIP

NATIONAL FLOOD INSURANCE PROGRAM

PANEL 0533G

FIRM

FLOOD INSURANCE RATE MAP

FAIRFIELD COUNTY, CONNECTICUT

(ALL JURISDICTIONS)

PANEL 533 OF 626

(SEE MAP INDEX FOR FIRM PANEL LAYOUT)

CONTAINS:

COMMUNITY	NUMBER	PANEL	SUFFIX
NORWALK, CITY OF	090012	0533	G

-NOTE-

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

Notice to User: The **Map Number** shown below should be used when placing map orders; the **Community Number** shown above should be used on insurance applications for the subject community.

MAP NUMBER
09001C0533G

MAP REVISED
JULY 8, 2013

Federal Emergency Management Agency

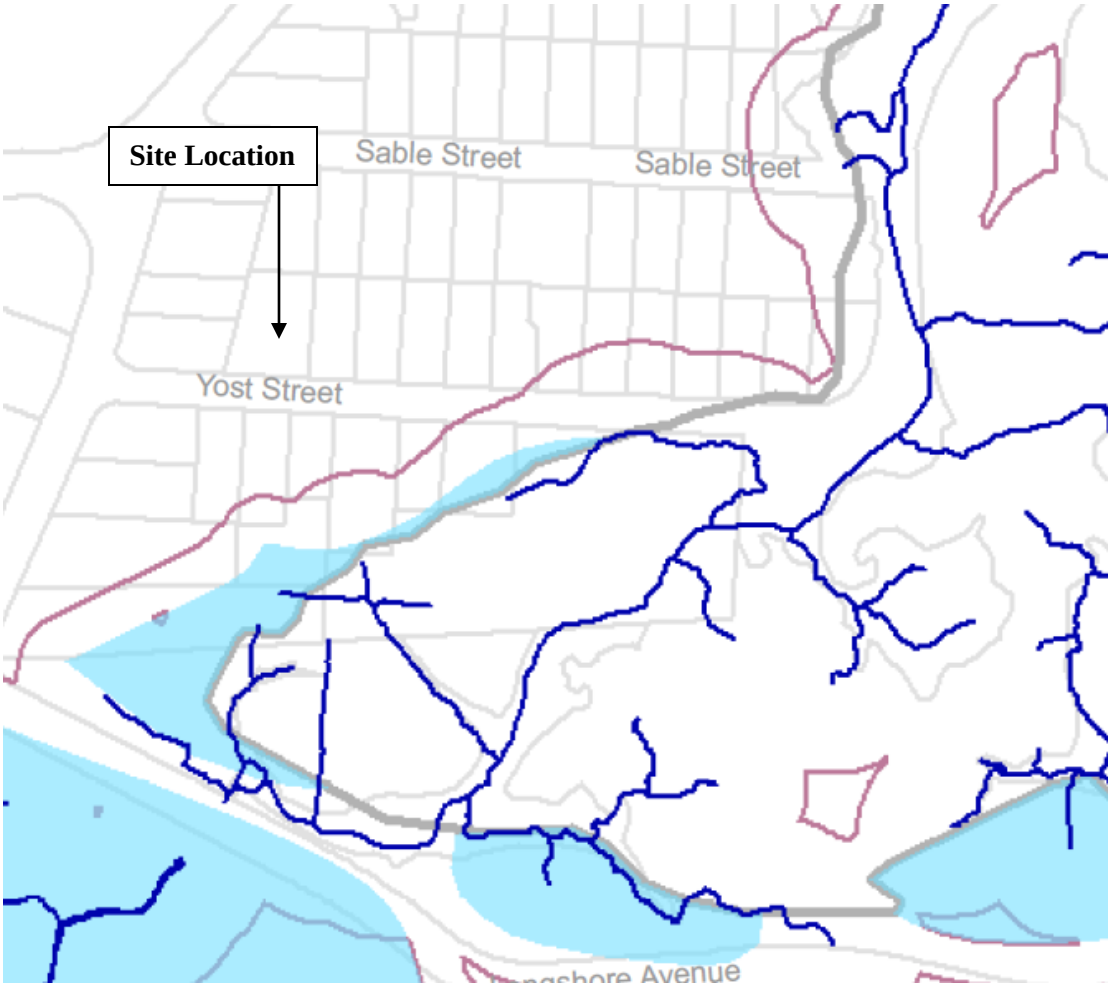
EL 0534

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

Norwalk Inland Wetland Map
(February 2010)

Norwalk Inland Wetland and Watercourse Regulations

1 Yost Street
Norwalk, CT



MAP EFFECTIVE: February 1, 2010

Key to Features

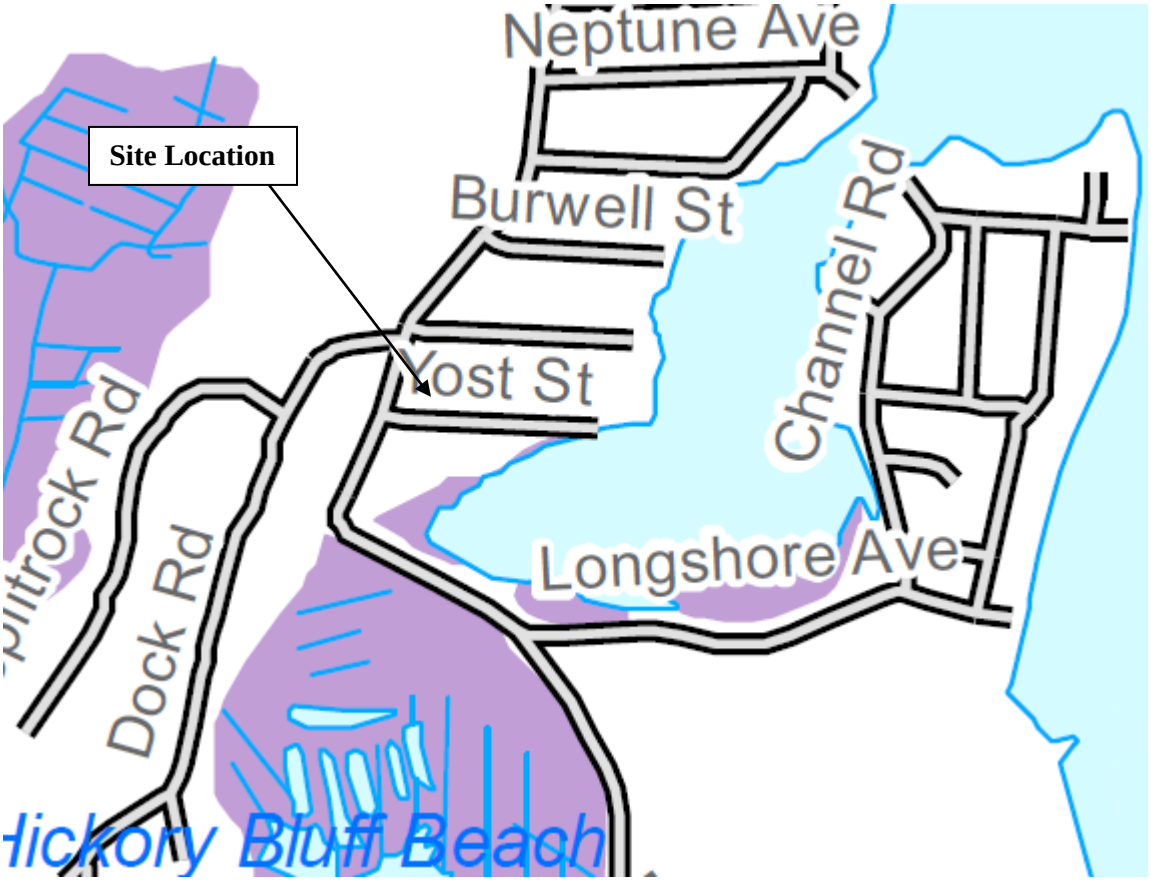
- Property Lines 2008
- Watercourse
- Field Delineated Wetlands
- NRCS Estimated Wetlands
- 1972 Wetland Map
- Regulated Areas

MAP AMENDED: October 29, 2009
December 9, 2008

Inland Wetland Soil Map
(October 2009)

Prepared by CT DEEP

1 Yost 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

Coastal Boundary Map
(January 2012)

1 Yost Street
Norwalk, CT

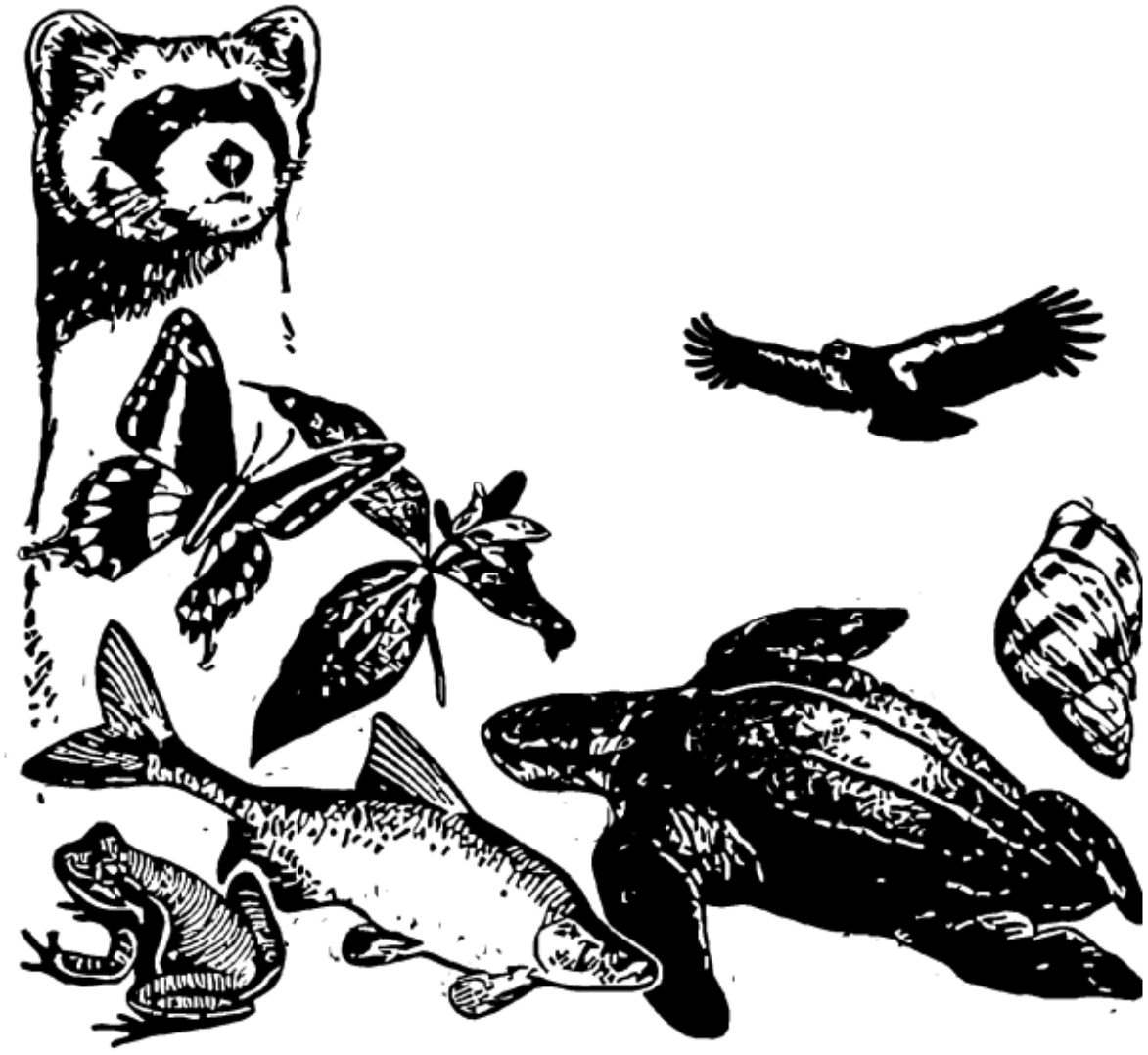
U.S. Fish & Wildlife Service

Storm Sandy Rehabilitation

IPaC Trust Resources Report

Generated October 12, 2016 01:35 PM MDT, IPaC v3.0.9

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



IPaC - Information for Planning and Conservation (https://ecos.fws.gov/ipac/): A project planning tool to help streamline the U.S. Fish & Wildlife Service environmental review process.

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U.S. Fish & Wildlife Service

IPaC Trust Resources Report

NAME

Storm Sandy Rehabilitation

LOCATION

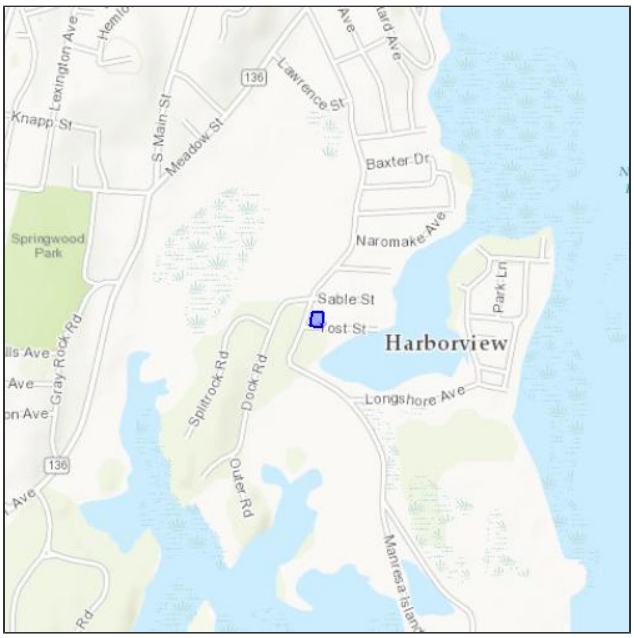
Fairfield County, Connecticut

DESCRIPTION

Raising home above floor zone at current location

IPAC LINK

https://ecos.fws.gov/ipac/project/F23PK-WNW3J-DVBA6-GQRR2-7U6CTI



U.S. Fish & Wildlife Service Contact Information

Trust resources in this location are managed by:

New England Ecological Services Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5094
(603) 223-2541

Endangered Species

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

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

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

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

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

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

Birds

Red Knot Calidris canutus rufa — Threatened

CRITICAL HABITAT

No critical habitat has been designated for this species.

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

Mammals

Northern Long-eared Bat Myotis septentrionalis — Threatened

CRITICAL HABITAT

No critical habitat has been designated for this species.

http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=A0JE

Critical Habitats

There are no critical habitats in this location

Migratory Birds

Birds are protected by the Migratory Bird Treaty Act and the Bald and Golden Eagle Protection Act.

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

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

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

Additional information can be found using the following links:

- Birds of Conservation Concern
  http://www.fws.gov/birds/management/managed-species/birds-of-conservation-concern.php
- Conservation measures for birds
  http://www.fws.gov/birds/management/project-assessment-tools-and-guidance/conservation-measures.php
- Year-round bird occurrence data
  http://www.birdscanada.org/birdmon/default/datasummaries.jsp

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

American Oystercatcher Haematopus palliatus — Bird of conservation concern
On Land Season: Year-round
http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0G8

American Bittern Botaurus lentiginosus — Bird of conservation concern
On Land Season: Breeding
http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0F3

Bald Eagle Haliaeetus leucocephalus — Bird of conservation concern
On Land Season: Year-round
http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B008

Black Skimmer Rynchops niger — Bird of conservation concern
On Land Season: Breeding
http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0EO

Black-billed Cuckoo Coccyzus erythropthalmus — Bird of conservation concern
On Land Season: Breeding
http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HI

Blue-winged Warbler Vermivora pinus — Bird of conservation concern
On Land Season: Breeding

Canada Warbler Wilsonia canadensis — Bird of conservation concern
On Land Season: Breeding

Fox Sparrow Passerella iliaca — Bird of conservation concern
On Land Season: Wintering

Hudsonian Godwit Limosa haemastica — Bird of conservation concern
At Sea Season: Migrating

Least Bittern Ixobrychus exilis
On Land Season: Breeding
http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B092

Least Tern Sterna antillarum — Bird of conservation concern
On Land Season: Breeding

Peregrine Falcon Falco peregrinus — Bird of conservation concern
On Land Season: Breeding
http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0FU

Pied-billed Grebe Podilymbus podiceps — Bird of conservation concern
On Land Season: Year-round

Prairie Warbler Dendroica discolor — Bird of conservation concern
On Land Season: Breeding

Purple Sandpiper Calidris maritima — Bird of conservation concern
On Land Season: Wintering

Rusty Blackbird Euphagus carolinus — Bird of conservation concern
On Land Season: Wintering

Saltmarsh Sparrow Ammodramus caudacutus — Bird of conservation concern
On Land Season: Breeding

Seaside Sparrow Ammodramus maritimus — Bird of conservation concern
On Land Season: Year-round

Short-eared Owl Asio flammeus — Bird of conservation concern
On Land Season: Wintering
http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HD

Snowy Egret Egretta thula — Bird of conservation concern
On Land Season: Breeding

Upland Sandpiper Bartramia longicauda — Bird of conservation concern
On Land Season: Breeding
http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0HC

Willow Flycatcher Empidonax traillii — Bird of conservation concern

On Land Season: Breeding

http://ecos.fws.gov/tess_public/profile/speciesProfile.action?spcode=B0F6

Wood Thrush Hylocichla mustelina — Bird of conservation concern

On Land Season: Breeding

Worm Eating Warbler Helmitheros vermivorum — Bird of conservation concern

On Land Season: Breeding

Wildlife refuges and fish hatcheries

There are no refuges or fish hatcheries in this location

Wetlands in the National Wetlands Inventory

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

For more information please contact the Regulatory Program of the local U.S. Army Corps of Engineers District.

DATA LIMITATIONS

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

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

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

DATA EXCLUSIONS

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

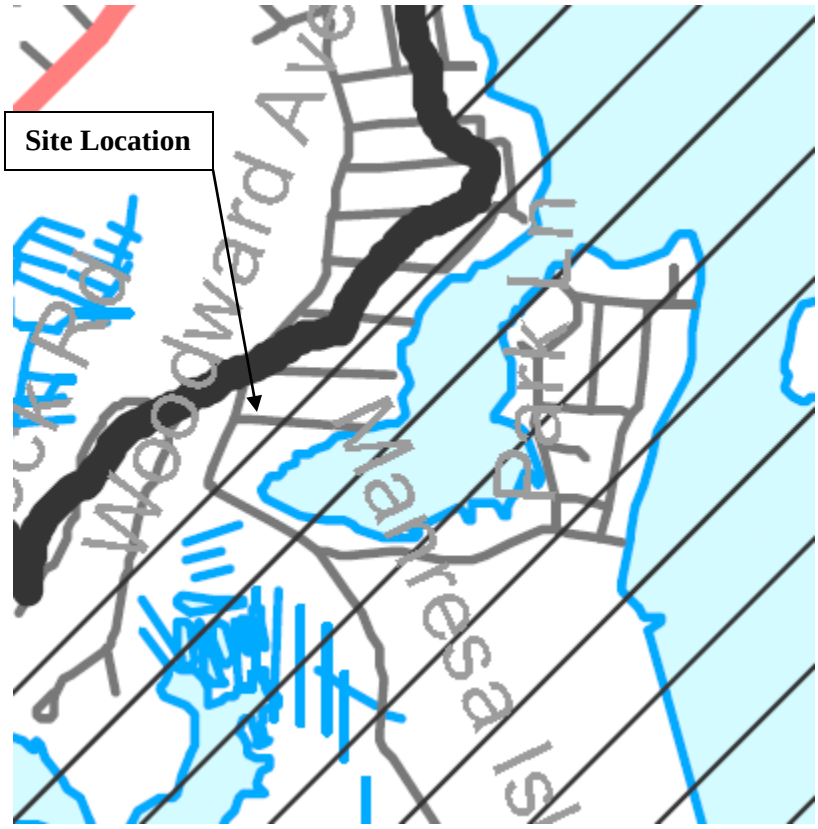
DATA PRECAUTIONS

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

There are no wetlands in this location

Natural Diversity Database Map
(June 2016)

1 Yost Street
Norwalk, CT



State and Federal Listed Species
& Significant Natural Communities

Farmland Soil Map
(April 2011)

1 Yost Street
Norwalk, CT

Aquifer Protection Area Map
(October 6, 2016)

1 Yost Street
Norwalk, CT

Appendix B

Photographs

Photograph 1
Front of 1 Yost Street, Norwalk

Photograph 2
Rear of 1 Yost Street, Norwalk

Photograph 3
Transite on B side wall of garage

Photograph 4
Black tar material underneath bike in garage

Appendix C

Lead Risk Assessment and Inspection Forms

XRF Testing Data
1 Yost Street, Norwalk
#1313

Reading No	Time	Duration	Units	Component	Substrate	Side	Condition	Color	Site	Floor	Room	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
42	10/19/2016 12:15	14.31	mg / cm ^2	WALL	VINYL	C	INTACT	BROWN	1313	exterior	EXTERIOR DINING ROOM	Negative	5.42	1	< LOD	0.03	< LOD	0.03	< LOD	0.29
43	10/19/2016 12:16	11.9	mg / cm ^2	WALL	VINYL	C	INTACT	BROWN	1313	exterior	EXTERIOR DINING ROOM	Negative	1.06	1	< LOD	0.03	< LOD	0.03	< LOD	0.33
44	10/19/2016 12:17	20	mg / cm ^2	WALL	VINYL	B	INTACT	BROWN	1313	exterior	EXTERIOR DINING ROOM	Negative	1.89	1	< LOD	0.03	< LOD	0.03	< LOD	0.24
45	10/19/2016 12:19	20	mg / cm ^2	WALL	VINYL	B	INTACT	BROWN	1313	exterior	EXTERIOR DINING ROOM	Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	0.25
46	10/19/2016 12:20	20	mg / cm ^2	WINDOW	VINYL	B	INTACT	WHITE	1313	exterior	EXTERIOR DINING ROOM	Negative	1.68	1	< LOD	0.03	< LOD	0.03	< LOD	0.22
47	10/19/2016 12:21	20	mg / cm ^2	WINDOW	VINYL	B	INTACT	WHITE	1313	exterior	EXTERIOR DINING ROOM	Negative	2.48	1	< LOD	0.03	< LOD	0.03	< LOD	0.23
48	10/19/2016 12:23	20	mg / cm ^2	FOUNDATION	CONCRETE	C	INTACT	BROWN	1313	exterior	EXTERIOR DINING ROOM	Negative	1.28	1	< LOD	0.03	< LOD	0.03	< LOD	0.4
49	10/19/2016 12:25	20	mg / cm ^2	FOUNDATION	CONCRETE	C	INTACT	BROWN	1313	exterior	EXTERIOR DINING ROOM	Negative	2.65	1	< LOD	0.03	< LOD	0.03	< LOD	0.54
50	10/19/2016 12:28	20	mg / cm ^2	WALL	WOOD	C	INTACT	WHITE	1313	FIRST	DINING ROOM	Negative	4.09	1	< LOD	0.03	< LOD	0.03	< LOD	0.27
51	10/19/2016 12:29	20	mg / cm ^2	WALL	WOOD	C	INTACT	WHITE	1313	FIRST	DINING ROOM	Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	0.27
52	10/19/2016 12:32	20	mg / cm ^2	WALL	VINYL	D	INTACT	BROWN	1313	exterior	GARAGE	Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	0.26
53	10/19/2016 12:33	20	mg / cm ^2	WALL	VINYL	D	INTACT	BROWN	1313	exterior	GARAGE	Negative	2.19	1	< LOD	0.03	< LOD	0.03	< LOD	0.26
54	10/19/2016 12:35	20	mg / cm ^2	WALL	WOOD	B	INTACT	BROWN	1313	FIRST	GARAGE	Negative	2.7	1	< LOD	0.03	< LOD	0.03	0.4	0.2
55	10/19/2016 12:36	20	mg / cm ^2	WALL	WOOD	B	INTACT	BROWN	1313	FIRST	GARAGE	Negative	2.56	1	< LOD	0.03	< LOD	0.03	0.4	0.2
56	10/19/2016 12:38	20	mg / cm ^2	WALL	Transite	B	INTACT	GREEN	1313	FIRST	GARAGE	Negative	1.59	1	< LOD	0.03	< LOD	0.03	0.5	0.3
57	10/19/2016 12:39	20	mg / cm ^2	WALL	Transite	B	INTACT	GREEN	1313	FIRST	GARAGE	Negative	1.69	1	< LOD	0.03	< LOD	0.03	< LOD	0.45
58	10/19/2016 12:43	20	mg / cm ^2	WALL	CONCRETE	A	INTACT	BEIGE	1313	BASEMENT	BASEMENT	Negative	2.01	1	0.06	0.02	0.06	0.02	0.8	0.3
59	10/19/2016 12:45	20	mg / cm ^2	WALL	CONCRETE	A	INTACT	BEIGE	1313	BASEMENT	BASEMENT	Negative	2.01	1	0.06	0.02	0.06	0.02	0.8	0.3
60	10/19/2016 12:47	20	mg / cm ^2	STAIRS	WOOD	C	FAIR	BEIGE	1313	BASEMENT	BASEMENT	Negative	1.12	1	< LOD	0.03	< LOD	0.03	< LOD	0.3
61	10/19/2016 12:48	20	mg / cm ^2	STAIRS	WOOD	C	FAIR	BEIGE	1313	BASEMENT	BASEMENT	Negative	1.85	1	< LOD	0.03	< LOD	0.03	0.3	0.19
62	10/19/2016 12:50	20	mg / cm ^2	WALL	DRYWALL	B	INTACT	WHITE	1313	BASEMENT	BASEMENT	Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	0.33
63	10/19/2016 12:51	20	mg / cm ^2	WALL	DRYWALL	B	INTACT	WHITE	1313	BASEMENT	BASEMENT	Negative	1	1	< LOD	0.03	< LOD	0.03	0.4	0.2
64	10/19/2016 12:53	9.29	mg / cm ^2	STAIRS	WOOD	C	INTACT	WHITE	1313	BASEMENT	BASEMENT	Negative	2.11	1	< LOD	0.03	< LOD	0.03	< LOD	0.48
Risk Assessment																				
65	10/19/2016 12:54	5.62	mg / cm ^2	CEILING	DRYWALL		PEELING	WHITE	1313	SECOND	BEDROOM	Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	0.75
66	10/19/2016 12:56	20	mg / cm ^2	WALL	DRYWALL	B	PEELING	WHITE	1313	SECOND	BEDROOM	Negative	1.28	1	< LOD	0.03	< LOD	0.03	< LOD	0.37

Notes:
"Side" refers to location shown on Figure 2.
Total lead shown in PbC column.

XRF QUALITY ASSURANCE EVALUATION
Niton XLP 300 XRF Analyzer

Site Name:	**1 Yost Street**
Site Address:	**Norwalk, CT**
Date of Inspection:	**10/19/2016**
Triton Inspector:	**Brian Sirowich**
Triton Project No:	**104318.39**

	Test Location	Original Reading	Retest Reading	Ave. of Original and Retest	Square of Average
1	Wall	0	0	0	0
2	Wall	0	0	0	0
3	Window	0	0	0	0
4	Foundation	0	0	0	0
5	Wall	0	0	0	0
6	Wall	0	0	0	0
7	Wall	0	0	0	0
8	Wall	0	0	0	0
9	Wall	0.06	0.06	0.06	0.0036
10	Stairs	0	0	0	0
	Average	0.006	0.006		
	Absolute Difference of Averages	**0**			
				Sum of Squared Averages "C"	0.0036
				C Times 0.0072 = "D"	0.00002592
				D plus 0.032 = "E"	0.03202592
				Square Root of E = "F"	0.178957872
				Multiply F by 1.645 = **Retest Tolerance Limit**	**0.2943857**

Conclusion

The absolute difference is less than the Retest Tolerance Limit. Inspection has passed the retest.

If the absolute differences of the averages exceeds the retest tolerance limit, the quality assurance procedure should be repeated a second time. If the difference of the averages exceeds the tolerance limit a second time, the inspection should be considered deficient.

Calculations are in accordance with the "Performance Characteristic Sheet" for the Niton XLP300. Effective date, September 24, 2004.

NEPA ENVIRONMENTAL REVIEW
LEAD RISK ASSESSMENT
FORM 5.0 - RESIDENT QUESTIONNAIRE

Site Address: 1 Yoof ST, Norwalk, CT
Site ID: 1313

Children/Children's Habits

1. (a) How many full time and part time occupants are there in the home? 3
   (b) Do you have any children under the age of 6 that live in the home? Yes ☐ No ☒
   (c) If yes, how many? _____ Ages? _____
   (d) Do children or grandchildren regularly visit the home? No
   (e) If yes, how long do they typically stay? NO
   (f) Record blood lead levels, if known _____

IF NO CHILDREN, SKIP TO Question 5.

2. Locate the rooms/areas where each child sleeps, eats and plays.

Name of Child	Location of Bedroom	Location of all rooms where child eats	Primary location where child plays indoors	Primary location where child plays outdoors

3. Where are toys stored/kept? No Toys
4. Is there any visible evidence of chewed or peeling paint on the woodwork, furniture or toys?
   Yes ☐ No ☒

Family Use Patterns

5. Which entrances are used most frequently? Front
6. Which window are opened most frequently? All of Them
7. Do you use window air conditioners? If yes, where? Yes, Front Living Rm 1st Floor Bedroom.
8. (a) Do any household members engage in gardening? Yes ☐ No ☐
   (b) Record the location of any vegetable garden. NO
   (c) Are you planning any landscaping activities that will remove grass or ground covering?
   Yes ☐ No ☒
9. (a) How often is the housing unit cleaned? Weekly
   (b) What cleaning methods do you use? Vacuum, Dust Mop etc.

10. (a) Did you recently complete any building renovations? Yes ____ No X
    (b) If yes, where? _____
    (c) Was building debris stored in the yard? If yes, where? NA

11. Are you planning any building renovations? If yes, where? NA

12. (a) Do any household members work in a lead-related industry? Yes ☐ No ☒
    (b) If yes, where are dirty work clothes placed and cleaned? NA

NEPA ENVIRONMENTAL REVIEW
LEAD RISK ASSESSMENT
FORM 5.1 - BUILDING CONDITION FORM

Site Address: 1 Yost ST, Norwalk, CT
Site ID: 1313

Condition	Yes	No
Roof missing parts of surfaces (tiles, boards, shakes, etc.)		No
Roof has holes or large cracks		No
Gutters or downspouts broken		No
Chimney masonry cracked, bricks loose or missing, obviously out of plumb		No
Exterior or interior walls have obvious large cracks or holes, requiring more than routine pointing (if masonry) or painting		No
Exterior siding has missing boards or shingles		No
Water stains on interior walls or ceilings		No
Plaster walls or ceilings deteriorated		No
Two or more windows or doors broken, missing, or boarded up		No
Porch or steps have major elements broken, missing, or boarded up		No
Foundation has major cracks, missing material, structure leans, or visibly unsound		No
Total number*		0
*If the "Yes" column has two or more checks, the dwelling is usually considered to be in poor condition for the purposes of a risk assessment. However, specific conditions and extenuating circumstances should be considered before determining the final condition of the dwelling and the appropriateness of a lead hazard screen.		

NOTES:

NEPA ENVIRONMENTAL REVIEW
LEAD RISK ASSESSMENT
FORM 5.2 - PAINT CONDITIONS ON SELECTED SURFACES
(Single Family, Owner Occupied)

Site Address: 1 Yost ST, Norwalk CT
Site ID: 1313

Building Component	Location Notes	Paint Condition (Intact, Fair, Poor or Not Present)	Deterioration Due to Friction or Impact?	Deterioration due to Moisture?	Location of Painted Component with Visible Bite Marks
Building Siding	Throughout	Intact	No	No	None
Exterior Trim		Intact	↓	↓	↓
Exterior Windows		Intact			
Exterior Doors		Intact			
Railings		Intact			
Porch Floors	Front Aside	Vinyl Floor Tile.			
Other Porch Surfaces		NA			
Interior Doors	Interior stained wood				
Ceilings		Intact			
Walls		Intact			
Interior Windows		Intact			
Interior Floors		NP			
Interior Trim		Fair			
Stairways	Carpeted to 2nd Floor,	Fair Paint to basement			
Radiator (or radiator cover)	NA				
Kitchen cabinets	NA	Intact stain			
Bathroom cabinets		Intact			
Other surfaces					
2nd Floor Bedroom walls + ceiling		minor peeling	↓	Yes	↓

NEPA ENVIRONMENTAL REVIEW
LEAD RISK ASSESSMENT
FORM 5.3 – FIELD SAMPLING FORM FOR DETERIORATED PAINT
(Single Surface)

Site ID: 1313
Name of Risk Assessor Brian Silowich
Name of Property Owner Kevin DuFree Sr.
Property Address 1 Fox St, Norwalk, ct Apt. No. ____

Sampling Protocol____All Dwellings ____Targeted ____Worst-Case X Random

Target Dwelling Criteria (Check all that apply)
- ___ Code Violations
- ___ Judged to be in Poor Condition
- ___ Presence of 1 or More Children under the Age of 6 Years
- ___ Serves as Day-Care Facility
- ___ Recently Prepared for Re-occupancy
- ___ Random Sampling
- X None of the above

Sample Number	Room	Building Component	XRF Reading (mg/cm^2)
65	2nd floor bedroom	ceiling	0.0
66	2nd floor bedroom	wall	0.0
HUD/EPA STANDARD			1 mg/cm^2 or 0.5% by weight

Sample all layers of paint, not just deteriorated paint layers
Total Number of Samples This Page 2
Page 1 of 1
Date of Data Collection 10/19/16

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

NEPA ENVIRONMENTAL REVIEW
LEAD RISK ASSESSMENT
FORM 5.4 – FIELD SAMPLING FORM FOR DUST
(Single Surface Sampling)

Site ID: 1313
Name of Risk Assessor _____
Name of Property Owner ~~1 Yost St~~ Kevin Duffney, Sr.
Property Address 1 Yost St, Norwalk, CT Apt. No. _____

Sampling Protocol____All Dwellings ____Targeted ____Worst-Case __X__Random

Target Dwelling Criteria (Check all that apply)
- ___ Code Violations
- ___ Judged to be in Poor Condition
- ___ Presence of 1 or More Children under the Age of 6 Years
- ___ Serves as Day-Care Facility
- ___ Recently Prepared for Re-occupancy
- ___ Random Sampling
- X None of the above

Sample Number	Room (Record name of room used by the Owner or Resident)	Surface Type	Is Surface Smooth and Cleanable?	Dimensions[1] of sample area (inches x inches)	Area (ft^2)	Result of Lab Analysis ($\mu g/ft^2$)
W1	2nd Floor BR	Carpet	No	12X12	1	ND
W2	Inside Trough	Trough	Y	16 1/2 x 2 3/4	0.32	14.28

[1]Measure to the nearest 1/8 inch
HUD Standards: 40 $\mu g/ft^2$ (floors) and 250 $\mu g/ft^2$ (interior window sills).

Total Number of Samples This Page 2
Page _____ of _____
Date of Sample Collection 10/19/16 Date Shipped to Lab 10/21/16

NEPA ENVIRONMENTAL REVIEW
LEAD RISK ASSESSMENT
FORM 5.5 – FIELD SAMPLING FORM FOR SOIL
(Composite Sampling Only)

Site ID: #1313
Name of Risk Assessor BS
Name of Property Owner Kevin Dupree
Property Address 1 Yost St, Norwalk Apt. No. ____

Sample No.	Location	Bare or Covered?	Lab Result (ug/g)
LS-1	Drip line	Combination	40
HUD interim standard for play area			400
HUD interim standard for perimeter			1,200

Collect only top ½ inch of soil

Total Number of Samples This Page 1
Page 1 of 1
Date of Sample Collection 10/7/16 Date Shipped to Lab 10/16/10

Shipped by ___ See Chain of Custody ___ Received by _ See Chain of Custody _____
(Signature) (Signature)

Appendix D

Roster of Suspect Asbestos-Containing Materials

Appendix A
Roster of Suspect Asbestos-Containing Materials – October 2016
Site # 1313 – 1 Yost Street, Norwalk, CT

Sample ID	HA	Material	Quantity	Condition	Location
S-1	1	Asphalt roof shingle on porch	56 SF	Good	Porch roof
S-2	2	Asphalt shingle roof on garage	360 SF	Good	Garage roof
S3-S5	3	Sheetrock	100 SF	Fair	Basement
S6	4	Tar coating on garage floor	400 SF	Poor	Garage
S7-S9	5	Transite paneling	150 SF	Poor	Garage
S10-S12	6	Tar paper	150 SF	Poor	Garage
	7	* Dwelling roof not sampled at the request of the owner	850 SF	Good	Roof

Notes:
SF = Square Feet
LF = Linear Feet
HA = Homogeneous Area

Appendix E

Laboratory Analytical Data

EMSL Analytical, Inc.

200 Route 130 North Cinnaminson, NJ 08077

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

http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order:	041629364
Customer ID:	TRIT52
Customer PO:	
Project ID:	

Attention:	Brian Sirowich	**Phone:**	(203) 458-7200
	Triton Environmental, Inc.	**Fax:**	(203) 458-7201
	385 Church Street	**Received Date:**	10/24/2016 9:20 AM
	Suite 201	**Analysis Date:**	10/28/2016 - 10/29/2016
	Guilford, CT 06437	**Collected Date:**	10/20/2016
Project:	104318.39/ 1 Yost St, Norwalk, CT		

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

			Non-Asbestos		Asbestos
Sample	**Description**	**Appearance**	**% Fibrous**	**% Non-Fibrous**	**% Type**
S1 *041629364-0001*	Porch Roof Shingle - Roof Shingle	Black Fibrous Homogeneous	20% Glass HA: 1	80% Non-fibrous (Other)	None Detected
S2 *041629364-0002*	Garage Roof Shingle - Roof Shingle	Black Fibrous Homogeneous	20% Synthetic HA: 2	80% Non-fibrous (Other)	None Detected
S3 *041629364-0003*	Basement - Sheetrock	White Fibrous Homogeneous	30% Cellulose HA: 3	70% Non-fibrous (Other)	None Detected
S4 *041629364-0004*	Basement - Sheetrock	White Fibrous Homogeneous	30% Cellulose HA: 3	70% Non-fibrous (Other)	None Detected
S5 *041629364-0005*	Basement - Sheetrock	White Fibrous Homogeneous	15% Cellulose HA: 3	85% Non-fibrous (Other)	None Detected
S6 *041629364-0006*	Garage - Tar Coating Black	Black Non-Fibrous Homogeneous	15% Cellulose HA: 4	83% Non-fibrous (Other)	2% Chrysotile
S7 *041629364-0007*	Garage - Transite Panel	Gray Fibrous Homogeneous	 HA: 5	80% Non-fibrous (Other)	20% Chrysotile
S8 *041629364-0008*	Garage - Transite Panel		 HA: 5		Positive Stop (Not Analyzed)
S9 *041629364-0009*	Garage - Transite Panel		 HA: 5		Positive Stop (Not Analyzed)
S10 *041629364-0010*	Garage - Tar Paper on Interior Wall	Black Fibrous Homogeneous	30% Cellulose HA: 6	70% Non-fibrous (Other)	None Detected
S11 *041629364-0011*	Garage - Tar Paper on Interior Wall	Black Fibrous Homogeneous	30% Cellulose HA: 6	70% Non-fibrous (Other)	None Detected
S12 *041629364-0012*	Garage - Tar Paper on Interior Wall	Black Fibrous Homogeneous	80% Cellulose HA: 6	20% Non-fibrous (Other)	None Detected

Initial report from: 10/31/2016 06:50:31

EMSL Analytical, Inc.
200 Route 130 North Cinnaminson, NJ 08077
Tel/Fax: (800) 220-3675 / (856) 786-5974
http://www.EMSL.com / cinnasblab@EMSL.com

EMSL Order:	041629364
Customer ID:	TRIT52
Customer PO:	
Project ID:	

Analyst(s)

Christopher Bistline (5)
Keishla Vazquez Caraballo (5)

Benjamin Ellis, Laboratory Manager
or Other Approved Signatory

Initial report from: 10/31/2016 06:50:31

OrderID: 041629364

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number *(Lab Use Only)*: 041629364

EMSL ANALYTICAL, INC.
200 ROUTE 130 NORTH
CINNAMINSON, NJ 08077
PHONE: (800) 220-3675
FAX: (856) 786-5974

Company: Triton Env. Inc.	**EMSL-Bill to:** ☒ Same ☐ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 385 church ST	
City: Guilford, CT **State/Province:** CT	**Zip/Postal Code:** 06437 **Country:** USA
Report To (Name): Brian Sirowich	**Telephone #:** 203-458-7200
Email Address: bsirowich@tritonenvironmental.com	**Fax #:** 203-458-7201 **Purchase Order:** 104318.39
Project Name/Number: 104318.39	**Please Provide Results:** ☐ Fax ☒ Email
U.S. State Samples Taken: CT	**CT Samples:** ☐ Commercial/Taxable ☒ Residential/Tax Exempt

Turnaround Time (TAT) Options* – Please Check

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

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

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

RECEIVED
2016 OCT 24 A 9:43
EMSL
CINNAMINSON, N.J.

☒ **Check For Positive Stop – Clearly Identify Homogenous Group.** **Date Sampled:** 10/20

Samplers Name: Brian Sirowich **Samplers Signature:**

Sample #	HA #	Sample Location	Material Description
S1	1	Porch Roof shingle	Roof Shingle.
S2	2	Garage Roof shingle.	Roof Shingle
S3-S5	3	Basement	Sheetrock
S-6	4	Garage	Tar Coating Black
S7-S9	5	"	Transite Panel
S10-S12	6	"	Tar Paper on Interior Wall

Client Sample # (s): 1 - 12 **Total # of Samples:** 12 (10)

Relinquished (Client): Brian Sirowich **Date:** 10/21 **Time:** 12:00

Received (Lab): KD EMSL Rx **Date:** 10-24-2016 **Time:** 9:20 am

Comments/Special Instructions:
1 Post ST, Norwalk, CT

Controlled Document – Asbestos COC – R6 – 11/29/2012

Page 1 of 1 pages

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# 6100498

Report Date:November 01, 2016
Project: 104318
Project Number: 1 Yost Street, Norwalk
PO Number: 104318.39

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

New York Certification: 11982
Rhode Island Certification: 199

SAMPLE SUMMARY

The sample(s) were received at 15.9°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
W-1	6100498-01	Wipe	10/19/2016	10/21/2016
W-2	6100498-02	Wipe	10/19/2016	10/21/2016
P-1	6100498-03	Solid	10/19/2016	10/21/2016
P-2	6100498-04	Solid	10/19/2016	10/21/2016
LS-1	6100498-05	Soil	10/19/2016	10/21/2016

Analyte: Percent Solids [SM 2540 G]

Analyst: DAH

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
6100498-05	LS-1	**65**	1.0	%	1	B6J2501	10/25/2016	10/26/2016 09:45	

Analyte: Total Lead [EPA 6010C]

Analyst: SS

Prep: EPA 3050B

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
6100498-05	LS-1	**40**	3.1	mg/kg dry	1	B6J2703	10/27/2016	10/28/2016 14:27	

Analyte: Total Lead [EPA 6010C]

Analyst: SS

Prep: EPA 3050B

Matrix: Wipe

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
6100498-01	W-1	ND	1.0	ug	1	B6J2739	10/27/2016	10/28/2016 12:28	
6100498-02	W-2	**4.5**	1.0	ug	1	B6J2739	10/27/2016	10/28/2016 12:32	

Client Sample ID P-1

Lab ID: 6100498-03

PCBs by Soxhlet **Analyst: JS**

Method: EPA 8082A **Matrix: Solid**

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:21	
PCB-1221	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:21	
PCB-1232	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:21	
PCB-1242	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:21	
PCB-1248	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:21	
PCB-1254	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:21	
PCB-1260	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:21	
PCB-1268	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:21	
PCB-1262	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:21	
Surrogate: TCMX [1C]	*42.2 %*	*30 - 150*			B6J2426	10/25/2016	*10/26/2016 19:21*	
Surrogate: TCMX [2C]	*25.3 %*	*30 - 150*			B6J2426	10/25/2016	*10/26/2016 19:21*	**L**
Surrogate: DCB [1C]	*50.9 %*	*30 - 150*			B6J2426	10/25/2016	*10/26/2016 19:21*	
Surrogate: DCB [2C]	*50.4 %*	*30 - 150*			B6J2426	10/25/2016	*10/26/2016 19:21*	

Client Sample ID P-2

Lab ID: 6100498-04

PCBs by Soxhlet **Analyst: JS**

Method: EPA 8082A **Matrix: Solid**

Analyte	Result (mg/kg (As Rec))	RL (mg/kg (As Rec))	Dilution	Prep Method	Batch	Prepared	Date/Time Analyzed	Notes
PCB-1016	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:40	
PCB-1221	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:40	
PCB-1232	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:40	
PCB-1242	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:40	
PCB-1248	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:40	
PCB-1254	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:40	
PCB-1260	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:40	
PCB-1268	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:40	
PCB-1262	ND	0.80	4	EPA 3540C	B6J2426	10/25/2016	10/26/2016 19:40	
Surrogate: TCMX [1C]	*48.3 %*	*30 - 150*			B6J2426	10/25/2016	*10/26/2016 19:40*	
Surrogate: TCMX [2C]	*44.3 %*	*30 - 150*			B6J2426	10/25/2016	*10/26/2016 19:40*	
Surrogate: DCB [1C]	*101 %*	*30 - 150*			B6J2426	10/25/2016	*10/26/2016 19:40*	
Surrogate: DCB [2C]	*87.3 %*	*30 - 150*			B6J2426	10/25/2016	*10/26/2016 19:40*	

QUALITY CONTROL SECTION

Batch B6J2426 - 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 (B6J2426-BLK1)					Prepared: 10/24/2016 Analyzed: 10/26/2016				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							
Surrogate: TCMX [1C]					*29.9*	*30 - 150*			**L**
Surrogate: TCMX [2C]					*31.8*	*30 - 150*			
Surrogate: DCB [1C]					*43.5*	*30 - 150*			
Surrogate: DCB [2C]					*46.7*	*30 - 150*			
LCS (B6J2426-BS1)					Prepared: 10/24/2016 Analyzed: 10/26/2016				
PCB-1016	0.589	0.20	1.000		58.9	40 - 140			
PCB-1260	0.917	0.20	1.000		91.7	40 - 140			
Surrogate: TCMX [1C]					*55.4*	*30 - 150*			
Surrogate: TCMX [2C]					*91.6*	*30 - 150*			
Surrogate: DCB [1C]					*67.4*	*30 - 150*			
Surrogate: DCB [2C]					*74.0*	*30 - 150*			

CET # : 6100498

Project: 104318

Project Number: 1 Yost Street, Norwalk

Batch B6J2703 - EPA 6010C

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6J2703-BLK1)					Prepared: 10/27/2016 Analyzed: 10/28/2016				
Lead	ND	2.0							
LCS (B6J2703-BS1)					Prepared: 10/27/2016 Analyzed: 10/28/2016				
Lead	26.9	2.0	25.000		108	80 - 120			

CET # : 6100498

Project: 104318

Project Number: 1 Yost Street, Norwalk

Batch B6J2739 - EPA 6010C

Analyte	Result (ug)	RL (ug)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B6J2739-BLK1)					Prepared: 10/27/2016 Analyzed: 10/28/2016				
Lead	ND	1.0							
LCS (B6J2739-BS1)					Prepared: 10/27/2016 Analyzed: 10/28/2016				
Lead	24.0	1.0	25.000		96.2	80 - 120			

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

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

Quality Control Definitions and Abbreviations

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

Flags:

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

NELAP ACCREDITED TNI LABORATORY

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903
New York Certification 11982
Rhode Island Certification 199

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

Sincerely,

David Ditta
Laboratory Director

Report Comments:

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

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

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

ND is None Detected at the specified detection limit
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.

CERTIFICATIONS

Certified Analyses included in this Report

Analyte	Certifications
EPA 6010C in Soil	
Lead	CT,NY
EPA 6010C in Wipe	
Lead	CT
EPA 8082A in Solid	
PCB-1016	CT,NY
PCB-1221	CT,NY
PCB-1232	CT,NY
PCB-1242	CT,NY
PCB-1248	CT,NY
PCB-1254	CT,NY
PCB-1260	CT,NY
PCB-1268	CT
PCB-1262	CT

Complete Environmental Testing operates under the following certifications and accreditations:

Code	Description	Number	Expires
CT	Connecticut Public Health	PH0116	09/30/2016
NY	New York Certification (NELAC)	11982	04/01/2017

6100498

COMPLETE ENVIRONMENTAL TESTING, INC.

CHAIN OF CUSTODY

Volatile Soils Only:
Date and Time in Freezer
Client:
CET:

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

Matrix: A=Air, S=Soil, W=Water, DW=Drinking Water, 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, 624, CT ETPH, 8270 CT List, 8270 PNAs, PCBs 4062 SW, Pesticides

Metals (check all that apply): 13 Priority Poll, 8 RCRA, TOTAL Lead, TCLP, SPLP, Field Filtered, Lab To Filter

Additional Analysis

Sample ID	Sample Depths (Units)	Collection Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	624	CT ETPH	8270 CT List	8270 PNAs	PCBs 4062 SW	Pesticides	13 Priority Poll	8 RCRA	TOTAL Lead	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
W1	NA	10/19	W/P				X												X					1	
W2	↓	↓	Wipe				X												X					1	
P-1			Other				X								X									1	
P-2			Other				X								X									1	
LS-1	0-3"		Soil				X												X					1	

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

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

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

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	10/21/16 15:53	D Jones
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

Client / Reporting Information

Company Name: Triton Env. Inc.
Address: 359 Church ST
City: Guilford State: CT Zip: 06437
Report To: Brian Slowick E-mail: bslowick@triton...
Phone #: 203-458-7300 Fax #:

Project Information

Project Contact: Brian S PO #: 104318.34
Project: 104318.39 Project #: 104318.39
Location: 1 Post ST Norwalk CT Collector(s): BNS.

QA/QC: ☒ Std ☐ Site Specific (MS/MSD) * ☐ RCP Pkg * ☐ DQAW *
Data Report: ☐ PDF ☒ EDD - Specify Format _____ ☐ Other _____
RSR Reporting Limits (check one): ☒ GA ☐ GB ☐ SWP ☐ Other _____
Laboratory Certification Needed (check one): ☒ CT ☐ NY ☐ RI ☐ MA
Temp Upon Receipt 15.9 °C Evidence of Cooling: (Y) N
SHEET 1 OF 1

* 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. 06/14

Dupree

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: 1 Yost Street, Norwalk, CT

Application Number: 1313

"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 5/09/2017
Hermia Delaire Name of Applicant (print or type)	CDBG-DR Program Manager Title
Signature of Professional Engineer	May 3, 2017 Date
Bret Holzwarth, P.E. Name of Professional Engineer (print or type)	27812 P.E. Number

Affix P.E. Stamp Here