NEPA ENVIRONMENTAL REVIEW REPORT

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

Site ID No. 1260
35 Harbor View Avenue
Norwalk, Connecticut

April 2015

Ref. No. 104318.12.R01

Prepared for:

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

Prepared by:

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Environmental Consulting & Engineering

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TABLE OF CONTENTS

FIGURES

TABLE OF CONTENTS (continued)

APPENDICES

1.0 - INTRODUCTION

Triton Environmental, Inc. (Triton) has prepared this National Environmental Policy Act (NEPA) evaluation for the property located at 35 Harbor View Avenue in Norwalk, Connecticut, (the site) on behalf of Merritt Construction Services, Inc. (Merritt). 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

The proposed work plan for the site includes raising the structure above the flood zone elevation at its current location. As such, the work zone as described by Merritt consists of the basement and first floor 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 April 9, 2014, by Mr. Mark Paulsson of Triton, accompanied by 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 polychlorinated biphenyl (PCB)-containing caulk;
- Potential radon; 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 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 - Lead-Based Paint (Item 13C)

Based on the site inspection, 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 - 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.

2.2.5 - Mold (Item 13F)

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

2.2.6 - 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 OSHA requirements. In addition, the structure was reportedly constructed prior to 1978 and based on information provided by Merritt, the anticipated 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 United States Department of Housing and Community Development (HUD) Lead Safe Housing Rule (24 CFR 35). The inspection and risk assessment were completed by a State of Connecticut certified lead inspector and risk assessor.

3.1.1 - XRF Testing in Work Zone

As indicated in Section 1.1, the work zone for the rehabilitation project described by Merritt involves the basement and first floor of the structure. XRF readings were taken at a total of 29 locations of seven distinct building materials on the interior and exterior of the work zone on May 1, 2014. Appendix C contains a spreadsheet summarizing the results. The results of the XRF testing indicate that several of the interior, painted building materials tested contained lead concentrations greater than the action level of 1 mg/cm2 (0.5% by weight). The materials containing lead-based paint above the action level are summarized in the table on the following page. The approximate locations of these materials are shown on the Figure 2 diagram.

Material	Location	Side	Color	Approx. Quantity	Concentration (mg/cm^2)
Wooden wall behind paneling	Living room	C, D	Blue	200 SF	1.9 to 2.2
Wooden wall behind sheetrock	Kitchen	A	Blue	100 SF	3.7
Wooden wall behind sheetrock	Kitchen	A	Brown	100 SF	3.7
Window	Living room	B	White	1	2.9

If the renovation work disturbs any of the lead paint identified in the table above, abatement and control procedures will be required in accordance with state and federal regulations.

3.1.2 - Lead Hazard Risk Assessment

The structure was reportedly constructed prior to 1978, and according to Merritt, the anticipated 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 United States Department of Housing and Community Development (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 two-bedroom, single-family residential house constructed in 1912. The site is owned by Allison Allen. There is currently one full-time occupant 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, more than ten items were checked as "Yes" in Form 5.1, indicating that (for the purposes of a risk assessment) the dwelling is considered to be in poor condition.

A 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	Exterior siding, trim, and doors, interior doors, ceilings, walls, and floors, and bathroom cabinets
Dust Accumulations	Yes	Plywood flooring, window sills, and carpet
Bare Soil	Yes	In yard (two spots)
Impact/Friction Surfaces	Yes	Interior doors
Chewing Surfaces	No	

A summary of the visual paint inspection is provided on Form 5.2 "Paint Conditions on Selected Surfaces" 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 X-Ray Fluorescence (XRF). The survey was completed by a Connecticut certified lead paint inspector. 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, the following deteriorated paint surface was determined to contain lead paint above the HUD action level of 1 mg/cm^2: the window sill in the second floor laundry room (3.5 mg/cm^2). In addition, the condition of paint on interior doors was deteriorated. Based on their condition, these items are assumed to be lead containing. The presence of lead in interior doors can be confirmed prior to abatement activities.

3.1.2.3 - Dust Sampling

A total of eight dust wipe samples were collected during the risk assessment in areas where visible dust was noted. The dust samples collected are summarized in Form 5.4 "Field Sampling Form for Dust" provided in Appendix C. As indicated on Form 5.4, the following dust samples exhibited concentrations of lead in excess of HUD action levels: the window sill in the second floor laundry room (5,063 ug/ft^2).

3.1.2.4 - Soil Sampling

As indicated in Section 2.2, bare soil areas were identified in the following locations at the residence: the drip line of the dwelling (SS-1), an unmaintained flower garden (SS-2), a dead spot in the yard (SS-3), and a walking path (SS-4).

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-cleaned 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 following samples equaled or exceeded the HUD action level of 400 mg/kg: the drip line of the dwelling (1,100 mg/kg) and the walking path (740 mg/kg). Laboratory analytical results are attached in Appendix E.

3.1.2.5 - Lead Hazard Control Options

In accordance with HUD requirements for projects exceeding $25,000.00 in overall cost, abatement of lead hazards is required (although interim controls are acceptable for exterior hazards which are not disturbed by the rehabilitation).

Abatement is a lead hazard reduction method that is designed to permanently eliminate lead-based paint or lead-based paint hazards. Permanent is defined as having 20-year life expectancy. Interim controls are lead hazard reduction activities that temporarily reduce exposure to lead-based paint hazards through repairs, painting, maintenance, special cleaning, occupant protection measures, clearance, and education programs.

Based on the testing describe above, lead hazards were identified in the following areas:

- Hazard A - elevated lead concentrations in soil in the drip line and a bare earth walkway;
- Hazard B – lead-containing paint and dust exceeding HUD action levels on the second floor laundry room window sill; and
- Hazard C – assumed lead-containing deteriorated paint on interior doors (can be confirmed prior to abatement).

Based on the lead hazards identified above, abatement will be required for Hazards B and C, and interim controls will be required for Hazard A.

Although permanent controls could be implemented to address Hazard A (soil removal or permanent covering with asphalt or another permanent cover material), the regulations allow for interim control options which include:

- Temporary surface coverings such as gravel, bark, grass, live ground cover (e.g. juniper shrubs, ivies); or
- Land-use controls such as fencing, landscaping, and warning signs.

Interim controls should be monitored over time in order that they maintain their effectiveness.

Abatement options for Hazards B and C include:

- Removing lead-based paint and its dust. Paint removal options include removal by heat gun, chemical stripping, or by contained abrasives;
- Permanently encapsulating or enclosing the lead-based paint;
- Replacing components with lead-based paint; and
- Thorough cleaning for dust.

These options should be reviewed by Merritt, the selected contractor, and the homeowner, and a site-specific lead hazard control plan should be developed and implemented. A monitoring and maintenance plan should also be developed associated with the interim controls for Hazard A to ensure that the controls continue their effectiveness over time.

3.2 - Asbestos Sampling

An asbestos survey was completed for the work zone on May 1, 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 15 samples were collected from seven homogeneous areas within the work zone. The results indicated that asbestos greater than 1% was identified in certain building materials, which are summarized in the following table. The results indicated that the first-

floor living room and kitchen sheetrock walls and ceilings, and the window glazing for the eight exterior windows contained asbestos at greater than 1 percent.

Material	Location	Approx. Quantity	Condition	% Chrysotile
Sheetrock walls and ceiling	Living Room	1,800 SF	Poor	2
Front window glazing	2nd floor	8	Poor	3

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

3.3 - 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 first-floor level at the site. Two radon test kits were deployed at the lowest level of the building on May 1, 2014 and allowed to sample radon levels for approximately 95 hours. The EPA has established the guideline of 4 pCi/L as an "elevated" indoor radon level. The laboratory indicated results of 0.3 pCi/L and 0.4 pCi/L for the subject site, below the EPA action level. Laboratory analytical results are attached in Appendix E.

3.4 - PCB Sampling

Caulk/sealant sampling was conducted by Triton on May 1, 2014. Prior to sampling, Triton conducted a visual survey of the work zone for potential PCB-containing caulks and sealants. Where a significant number of 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.

One sample of window glazing (S-1) and one sample of window caulk (S-2) were collected and submitted to a Connecticut-certified laboratory for analysis of PCBs by EPA Method 8082 and EPA Method 3540C (soxhlet extraction method). Both test results were reported as non-detect with reporting limits below 1.0 mg/kg. Laboratory analytical results are attached in Appendix E.

3.5 - Mold Inspection

Triton completed a visual mold inspection of the work area on May 1, 2014. Mold was observed on several interior surfaces including on the exposed wooden framing beneath the kitchen window, on the wooden framing adjacent to the furnace, on the wooden framing of the closet opposite the stairs, and on the sheetrock behind the front door trim. Photographs of the apparent mold are provided in Appendix B. The house was filled with personal effects that limited Triton's ability to visually inspect all interior areas. It is assumed that mold is present behind all walls on the wooden framing and insulation throughout the entire work zone.

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 lead-based paint, asbestos-containing materials, and mold. 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 - Lead Abatement

Work Zone

Initial XRF testing completed for the work zone identified lead-based paint on the wooden walls behind the wooden paneling in the living room, the wooden walls behind the sheetrock walls of the kitchen, and the window of the living room. During completion of the proposed work activities, if lead-based paint is disturbed, lead-containing materials should be abated in accordance with local, state, and federal regulations including, but not limited to, *Housing and Urban Development – Lead Based Paint Poisoning Prevention in Certain Residential Structures – Rehabilitation Regulations (24 CFR 35(J))* as well as the *EPA's Renovation, Repair, and Painting Rule (RRP)* of 40 CFR Part 745.

If the renovation work generates waste streams from the lead-containing areas, additional testing of leachable lead using the Toxicity Characteristic Leaching Procedure (TCLP) will be needed (to be collected by Triton) to characterize any waste stream for disposal. The abatement contractor must provide credentials/adequate qualification documentation and a work plan for abatement work with its bid for review by Merritt and Triton. Work should meet safe work practices specified in 24 CFR 35.1350(b) including notifications to occupants and cleanup procedures. Clearance testing will be completed by Triton following the work in accordance with HUD protocols.

Additional Lead Hazard Areas

In addition to the abatement of the lead paint within the work zone, the risk assessment identified additional lead hazards at the residence, including deteriorated lead-containing paint and dust in the second floor laundry room sill, assumed lead-containing paint on

interior doors, and lead-impacted soils associated with the drip line of the dwelling and bare earth walking path. It is also assumed that interior doors exhibiting deteriorated paint are lead-containing. Given that the overall level of anticipated funding for this project exceeds $25,000.00, these lead-based paint hazards must be abated in accordance with 24 CFR 35.1325, except that interim controls are acceptable on exterior surfaces that are not disturbed by the rehabilitation work. Section 3.1.2.5 summarizes available lead hazard control options for the site. Upon review by Merritt, the Contractor, and the homeowner, a site-specific lead hazard control plan should be agreed upon and implemented.

4.2 - Asbestos Abatement

Asbestos was identified in approximately 1,800 square feet of textured ceiling and sheetrock walls and on the glazing of the living room window. To protect occupant and worker health, these materials must be abated by a licensed asbestos abatement contractor prior to raising the building. 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. Additional suspect ACMs may be encountered during raising in spaces that were inaccessible or not apparent during the inspection such as within walls, beneath other layers of flooring, etc. As such, Triton recommends that a competent person be present during the demolition 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 abatement contractor must provide credentials/adequate qualification documentation and a work plan for abatement work with its bid for review by Merritt and Triton.

4.3 - Mold Abatement

Mold was observed on several interior surfaces including on the exposed wooden framing beneath the kitchen window, on the wooden framing adjacent to the furnace, on the wooden framing of the closet opposite the stairs, and on the sheetrock behind the front door trim. Mold is presumed to be present behind all interior walls of the structure within the work zone. Mold may also be present outside of the work zone (i.e. behind walls on the

second floor of the structure). To protect occupant and worker health, all mold must be abated, including mold identified outside of the work zone during renovation activities. Any porous materials containing visible mold that are encountered during the renovation should be removed in accordance with local, state, and federal regulations including, but not limited to, the guidelines put forward in the most recent version of the *Institute for Inspection, Cleaning, and Restoration Certificate (IICRC) Standard and Reference Guide for Mold Remediation* as well as the *Connecticut Guidelines for Mold Abatement Contractors.* The abatement contractor must provide credentials/adequate qualification documentation and a work plan for abatement work with its bid for review by Merritt and Triton. Pre-abatement and clearance air testing will be completed by Triton to evaluate pre- and post-abatement conditions.

The above items are intended to provide professional contractors with the basis with which to provide a bid for abatement services and are not intended to serve as a formal bid specification or design documents.

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. Lead-Based Paint – Based on the results of the work zone lead inspection, numerous areas of lead-based paint were identified (see Section 3.1.1). Should the proposed renovation work disturb these areas, abatement/control methods will need to be put in place in accordance with applicable state and federal regulations, including OSHA requirements and the EPA RRP rule. TCLP sampling should be conducted by Triton of any waste stream containing lead-based paint to verify disposal requirements.

   In addition to addressing lead paint in the work zone, the risk assessment identified three additional lead hazards that will require abatement and/or interim controls. Upon review of the hazard control options listed in Section 3.1.2.5, a site-specific lead hazard control plan should be developed and implemented. Notification of these lead hazards should be made to the homeowner and occupants within 15 days.

   Clearance testing will be performed by Triton following the work. Due to the intended demolition of the basement, it is not anticipated that abatement of lead-containing surfaces in the basement or on the wood beneath the siding will be needed. However, demolition debris must be properly characterized and disposed of at appropriately permitted facilities.

3. Asbestos-Containing Materials - Based on the results of the asbestos survey and testing, approximately 1,800 square feet of asbestos-containing textured ceiling and sheetrock walls and also in the glazing of the living room window were identified to contain asbestos greater than 1%. If this material will be disturbed, these materials 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 other layers of flooring, 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.

4. Mold – Mold was observed on several interior surfaces including on the exposed wooden framing beneath the kitchen window, on the wooden framing adjacent to the furnace, on

the wooden framing of the closet opposite the stairs, and on the sheetrock behind the front door trim. Mold is presumed to be present behind all interior walls. Additional mold impacted surfaces may be encountered during renovation in spaces that were inaccessible or not apparent during the inspection. To protect occupant and worker health, the mold must be abated by a qualified contractor. Pre-abatement air testing will be completed by Triton to establish a baseline. Triton recommends that a competent person be present during the renovation work who is capable of identifying potential additional suspect materials. General precautions should be taken during the renovation process to avoid the potential spread of mold spores and to mitigate health and safety concerns. Clearance testing will be completed (and compared against the baseline) to evaluate the efficacy of the abatement.

The above items should be completed such that the project can be converted 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 due to a 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, 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.

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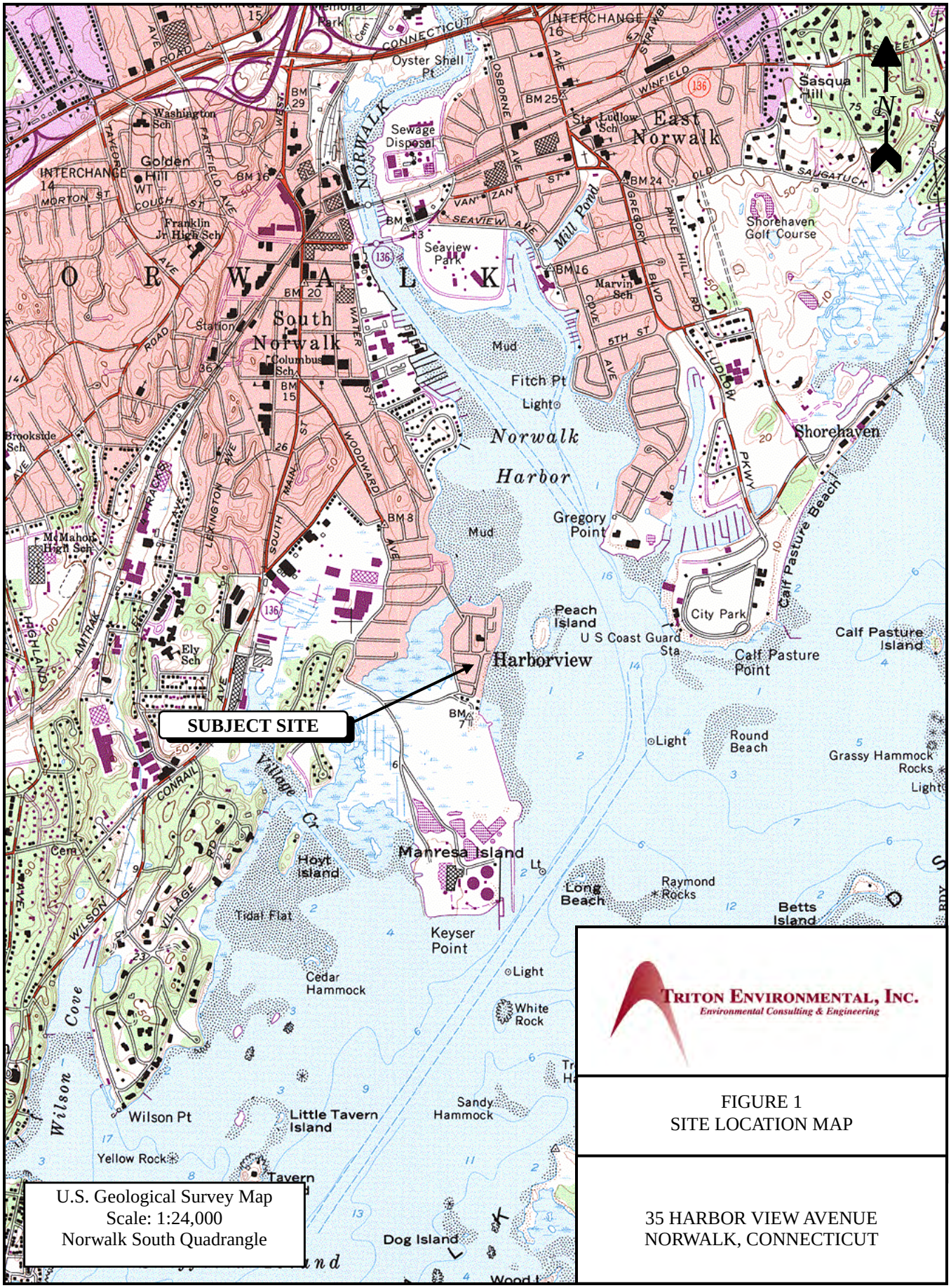
Senior Project Manager

J. Carver Glezen, LEP
Senior Vice President

Christopher E. Marchesi
President

FIGURES

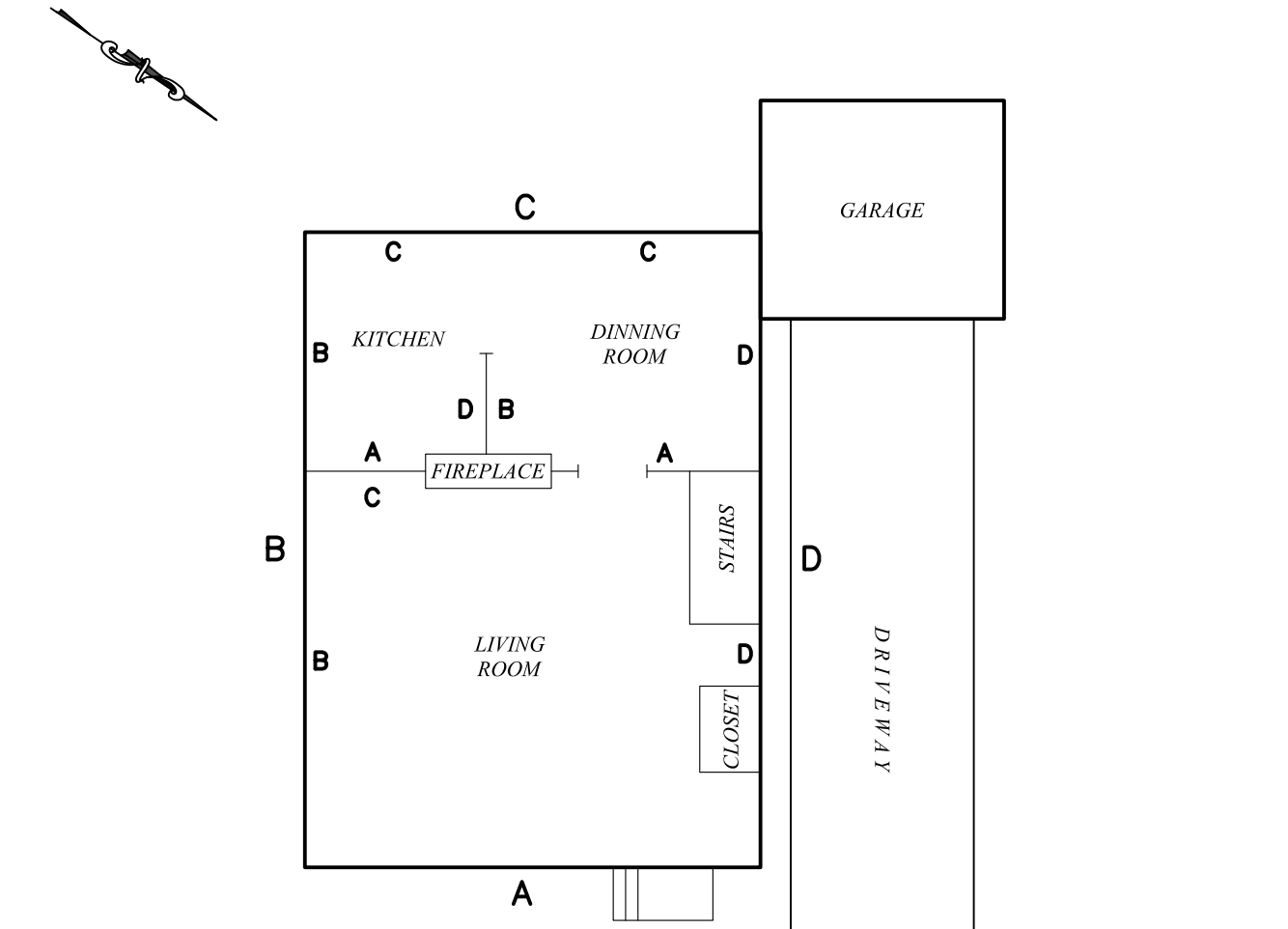


U.S. Geological Survey Map
Scale: 1:24,000
Norwalk South Quadrangle

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

FIGURE 1
SITE LOCATION MAP

35 HARBOR VIEW AVENUE
NORWALK, CONNECTICUT



HARBOR VIEW AVENUE

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.

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FIGURE 2

SITE DIAGRAM

FIRST FLOOR

APPLICANT #1260
35 HARBOR VIEW AVENUE
NORWALK, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: BNS
DATE: 7/22/14	SCALE: N.T.S.	FILE No.:104318-35HARBOR02

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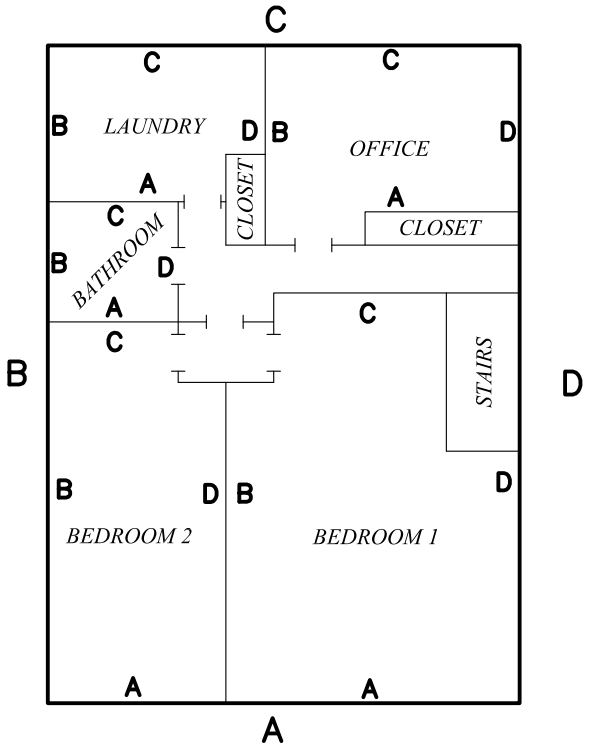
Layout: First Floor



HARBOR VIEW AVENUE

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FIGURE 2

SITE DIAGRAM

SECOND FLOOR

APPLICANT #1260
35 HARBOR VIEW AVENUE
NORWALK, CONNECTICUT

DRAWN BY: FSM		APPROVED BY: BNS
DATE: 7/22/14	SCALE: N.T.S.	FILE No.:104318–35HARBOR02

P:\CAD\DRAWINGS\104000\104318\FIGURES\35 HARBOR VIEW AVENUE\104318–35HARBOR02.DWG
Layout: Second Floor

Appendix A

Public Resource Materials

1260
MBS

Department of Economic and Community Development

Connecticut
still revolutionary

December 1, 2014

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

received
12-3-14

RE: Applicant #1260, 35 Harbor View Avenue, Norwalk, CT

Dear Ms. Delaire:

The State Historic Preservation Office (SHPO) has reviewed the above-named project pursuant to the provisions of Section 106 of the National Historic Preservation Act of 1966.

The property is located within the National Register eligible Harbor View Historic District; however, in the opinion of the SHPO, the proposed undertaking will have no adverse effect upon historic district.

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

For further information, please contact Julie Carmelich at (860) 256-2762.

Sincerely:

Mary B. Dunne

Mary B. Dunne
Deputy State Historic Preservation Officer

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-0275 May 28, 2014
Project Name: #1260

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: #1260

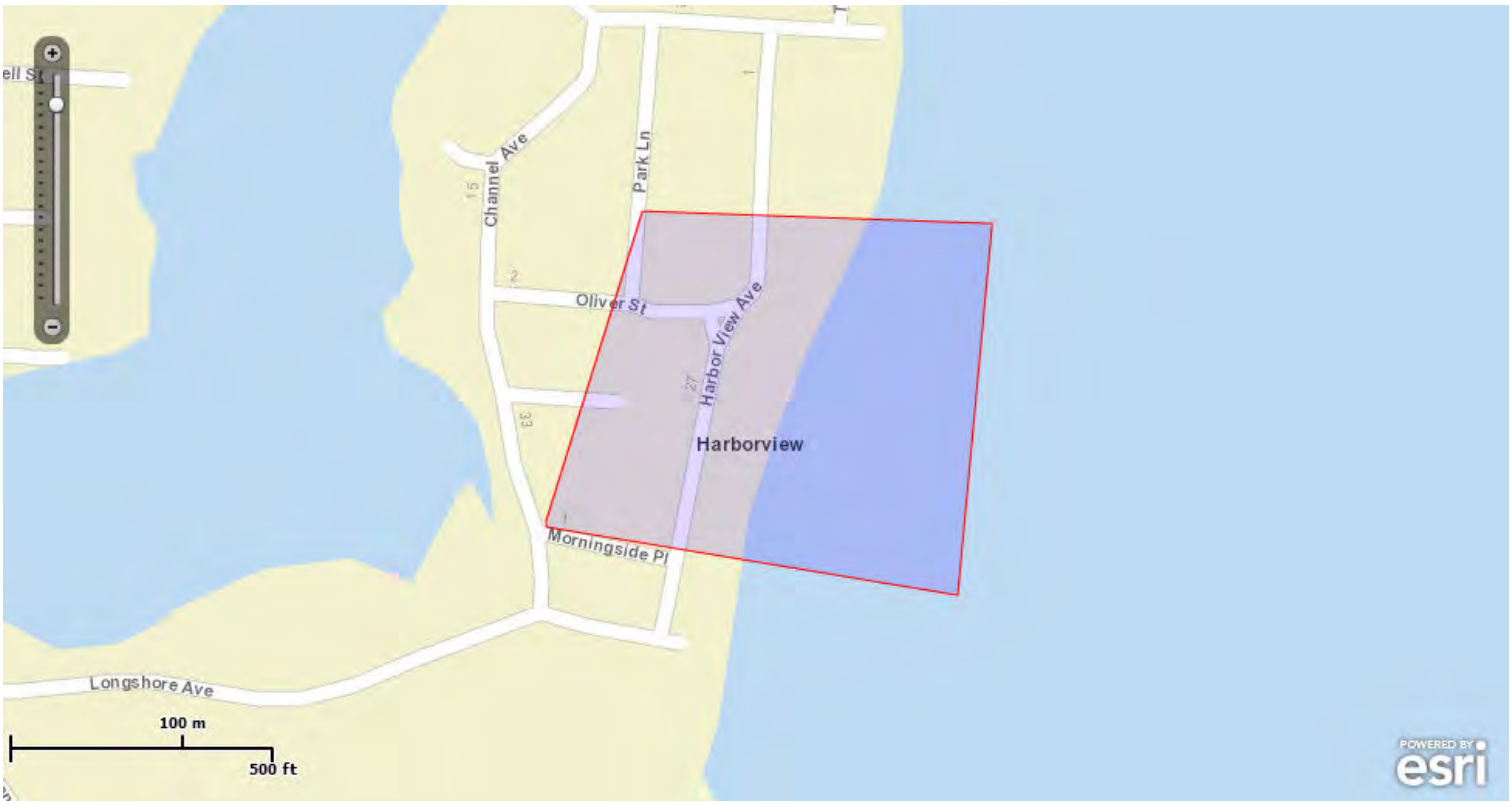
Official Species List

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-0275
Project Type: ** Other **
Project Description: 38 Harbor View Ave. Norwalk CT Elevation/Mitigation or Demo/New Construction

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-73.4095999 41.082659, -73.4071751 41.0825943, -73.4074122 41.0806534, -73.410265 41.0810092, -73.4095999 41.082659)))

Project Counties: Fairfield, CT

United States Department of Interior
Fish and Wildlife Service

Project name: #1260

Endangered Species Act Species List

There are a total of 1 threatened, endangered, or candidate species on your species list. Species on this list should be considered in an effects analysis for your project and could include species that exist in another geographic area. For example, certain 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.

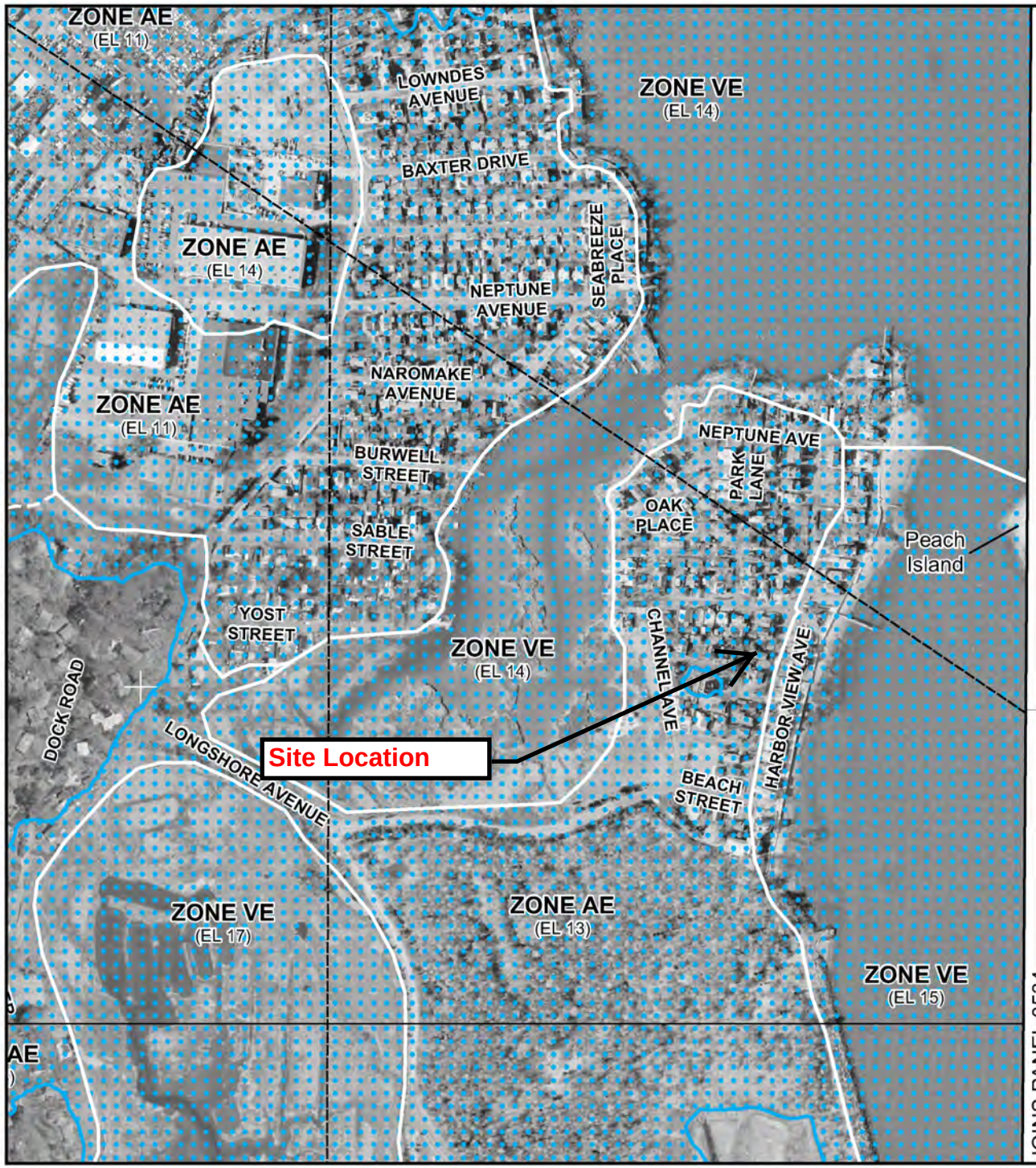
Roseate tern *(Sterna dougallii dougallii)*

Population: northeast U.S. nesting pop.

Listing Status: Endangered

Critical habitats that lie within your project area

There are no critical habitats within your project area.



U.S. DEPARTMENT OF HOMELAND SECURITY

MAP NUMBER 09001C0533G

MAP REVISED JULY 8, 2013

LEGEND

SPECIAL FLOOD HAZARD AREAS (SFHAs) SUBJECT TO INUNDATION BY THE 1% ANNUAL CHANCE FLOOD

The 1% annual chance flood (100-year flood), also known as the base flood, is the flood that has a 1% chance of being equaled or exceeded in any given year. The Special Flood Hazard Area is the area subject to flooding by the 1% annual chance flood. Areas of Special Flood Hazard include Zones A, AE, AH, AO, AR, A99, V, and VE. The Base Flood Elevation is the water-surface elevation of the 1% annual chance flood.

ZONE A	No Base Flood Elevations determined.
ZONE AE	Base Flood Elevations determined.
ZONE AH	Flood depths of 1 to 3 feet (usually areas of ponding); Base Flood Elevations determined.
ZONE AO	Flood depths of 1 to 3 feet (usually sheet flow on sloping terrain); average depths determined. For areas of alluvial fan flooding, velocities also determined.
ZONE AR	Special Flood Hazard Areas formerly protected from the 1% annual chance flood by a flood control system that was subsequently decertified. Zone AR indicates that the former flood control system is being restored to provide protection from the 1% annual chance or greater flood.
ZONE A99	Area to be protected from 1% annual chance flood by a Federal flood protection system under construction; no Base Flood Elevations determined.
ZONE V	Coastal flood zone with velocity hazard (wave action); no Base Flood Elevations determined.
ZONE VE	Coastal flood zone with velocity hazard (wave action); Base Flood Elevations determined.

FLOODWAY AREAS IN ZONE AE

The floodway is the channel of a stream plus any adjacent floodplain areas that must be kept free of encroachment so that the 1% annual chance flood can be carried without substantial increases in flood heights.

OTHER FLOOD AREAS

ZONE X	Areas of 0.2% annual chance flood; areas of 1% annual chance flood with average depths of less than 1 foot or with drainage areas less than 1 square mile; and areas protected by levees from 1% annual chance flood.

OTHER AREAS

ZONE X	Areas determined to be outside the 0.2% annual chance floodplain.
ZONE D	Areas in which flood hazards are undetermined, but possible.

COASTAL BARRIER RESOURCES SYSTEM (CBRS) AREAS

OTHERWISE PROTECTED AREAS (OPAs)

CBRS areas and OPAs are normally located within or adjacent to Special Flood Hazard Areas.

1% Annual Chance Floodplain Boundary

0.2% Annual Chance Floodplain Boundary

Norwalk Inland Wetland Map
(February 2010)
Norwalk Inland Wetland and Watercourse Regulations
35 Harbor View Avenue
Norwalk, CT

MAP EFFECTIVE: February 1, 2010

Key to Features

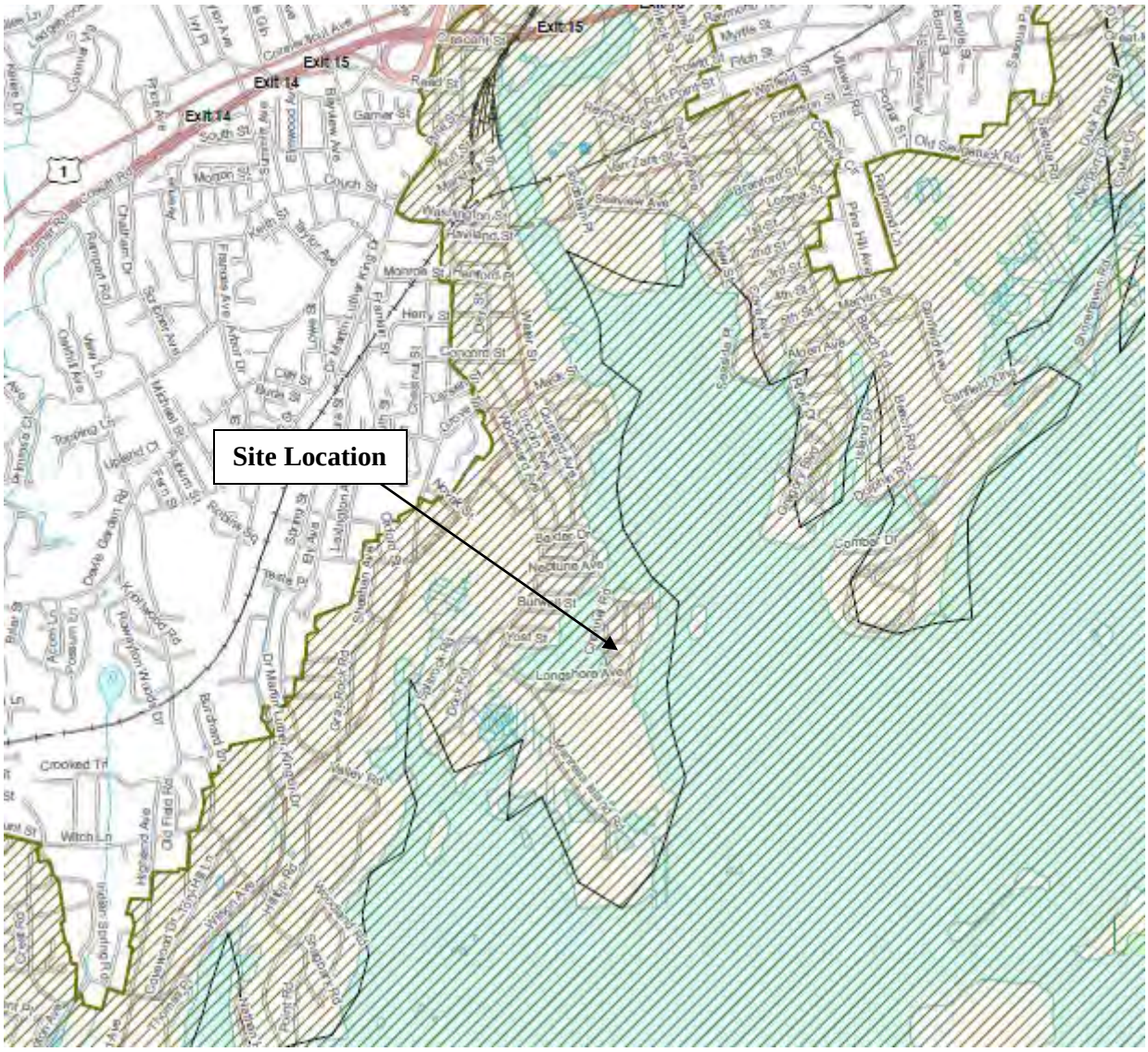
- Property Lines 2008
- Watercourse
- Field Delineated Wetlands
- NRCS Estimated Wetlands
- 1972 Wetland Map
- Regulated Areas

MAP AMENDED: October 29, 2009
December 9, 2008

Inland Wetland Soil Map
(October 2009)
Prepared by CT DEEP
35 Harbor View Avenue
Norwalk, CT

Coastal Boundary Map
(January 2013)

35 Harbor View Avenue
Norwalk, CT

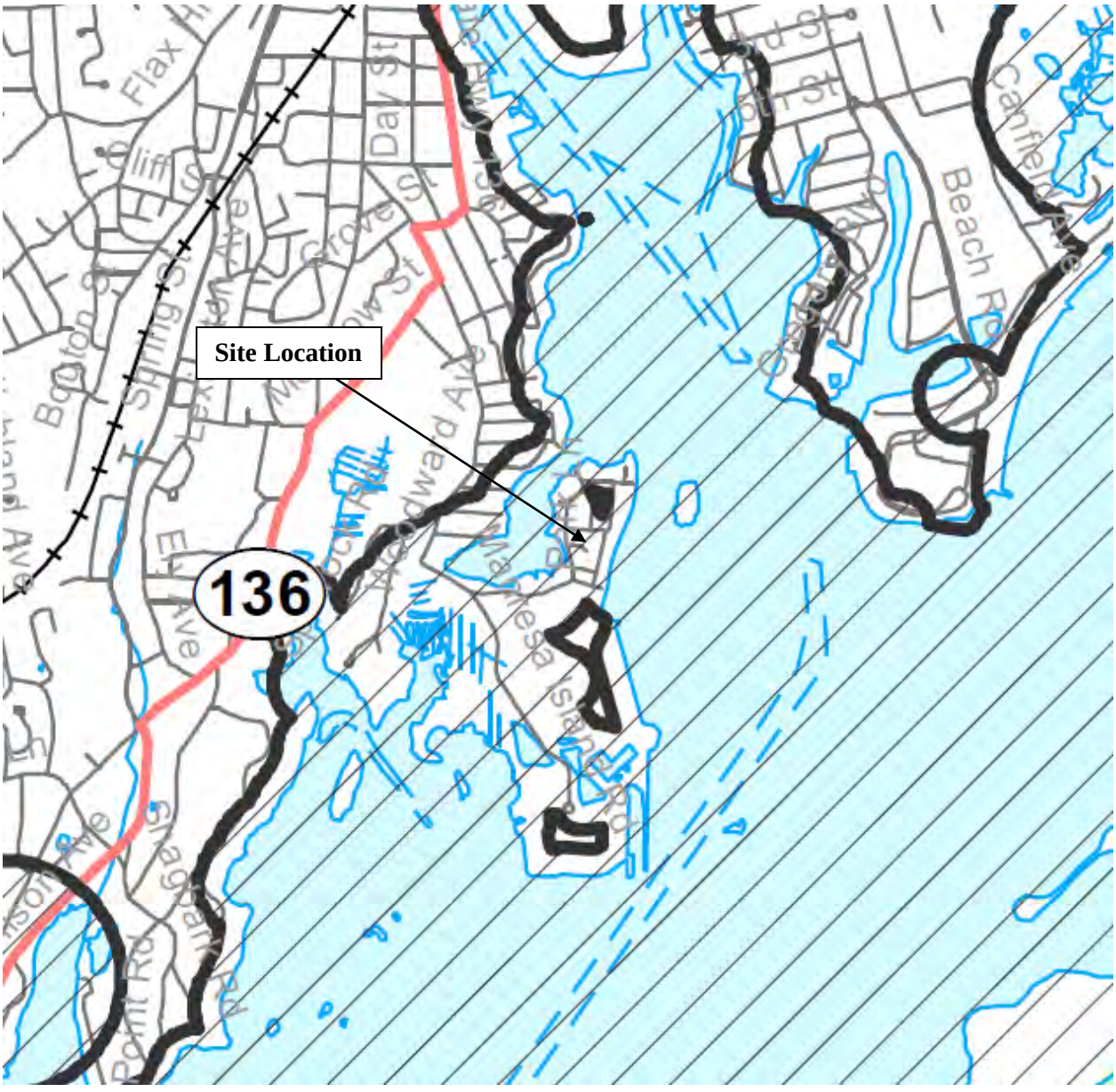


Aquifer Protection Area Map
(December 2013)

35 Harbor View Avenue
Norwalk, CT

Natural Diversity Database Map
(December 2013)

35 Harbor View Avenue
Norwalk, CT

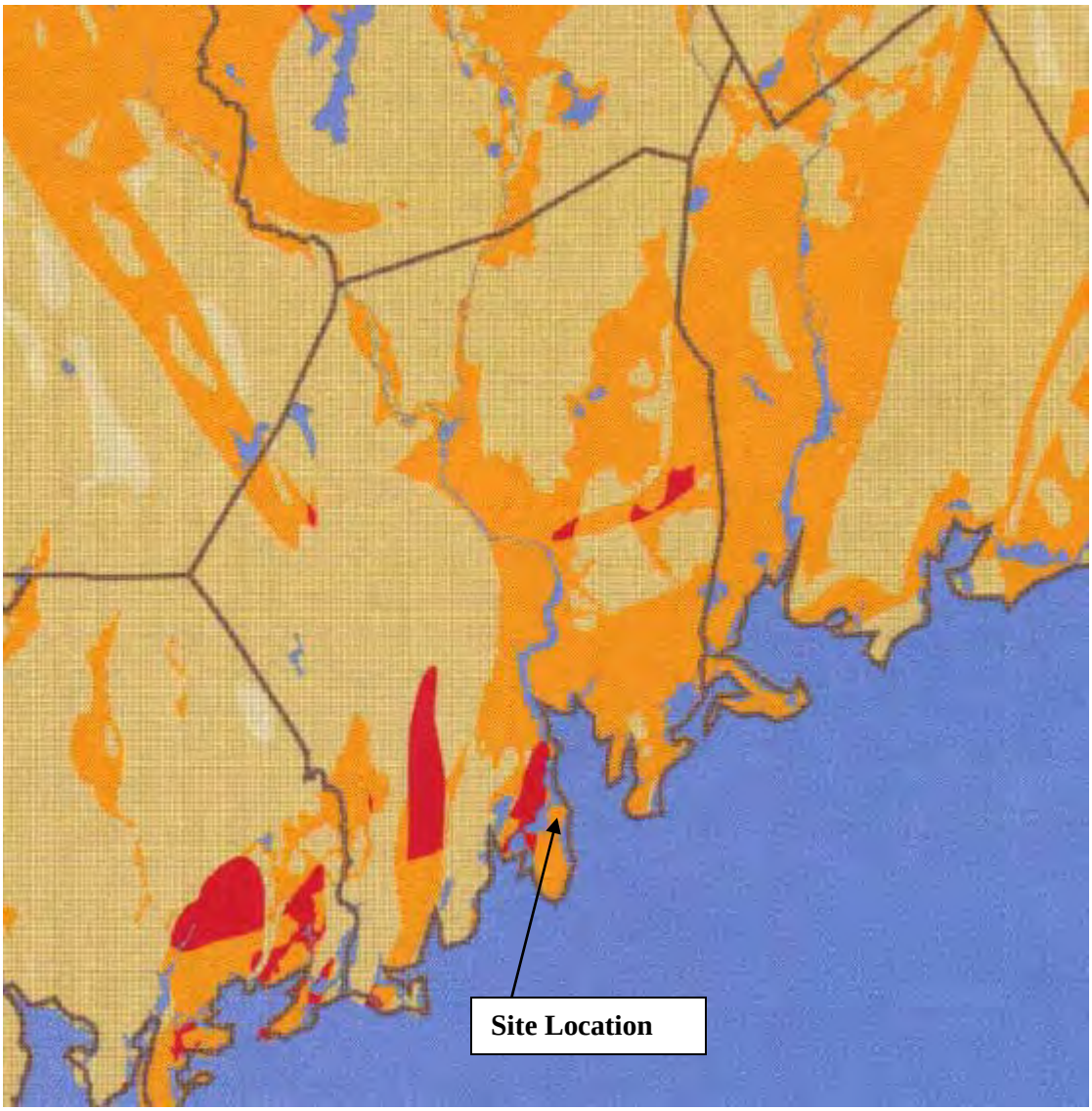


State and Federal Listed Species
& Significant Natural Communities

Farmland Soil Map
(April 2011)
35 Harbor View Avenue
Norwalk, CT

Prime Farmland Soils are those soils that have the best combination of physical and chemical characteristics for producing food, feed, forage, fiber, and oil seed crops, and are also available for these uses (the land could be cropland, pastureland, range-land, forestland, or other land, but not urban built-up land or water). It has the soil quality, growing season and moisture supply needed to economically produce sustained high yields or crops when treated and managed, including water management, according to acceptable farming practices.

Indoor Radon Potential Map - 1997
35 Harbor View Avenue
Norwalk, CT



Site location is approximate

Low	6%
Low - Moderate	16%
Moderate	22%
Moderate - High	33%
High	48%

Water or Wetland
Towns
Naturally Occurring Radioactive Minerals
Sites may produce locally high radon levels

Appendix B

Photographs of Work Area and Mold Inspection Photographs

Photograph 1
Front view of residential structure

Photograph 2
Lead-containing blue paint behind wood paneling

Photograph 3
Textured ceiling containing ACM

Photograph 4
Window with ACM glazing

Photograph 5
Mold on wood closet frame opposite stairs

Photograph 6
Mold on wood paneling adjacent to furnace

Photograph 7
Mold behind entryway trim

Photograph 8
Mold on wooden frame in kitchen

Appendix C

Lead Risk Assessment and Inspection Forms

XRF Lead Testing Results

35 Harbor View Ave, Norwalk, CT

 # 1260

Reading No	Time	Type	Duration	Units	Component	Substrate	Side	Condition	Color	Site	Floor	Room	Misc 1	Results	Depth Index	Action Level	PbC	PbC Error	PbL	PbL Error	PbK	PbK Error
344	5/1/2014 9:53	PAINT	1.16	mg / cm ^2	WINDOW	WOOD	A	CRACKED	BEIGE	1260	FIRST	exterior	trim exterior	Negative	1.02	1	< LOD	0.18	< LOD	0.18	< LOD	2.53
345	5/1/2014 9:53	PAINT	1.15	mg / cm ^2	WINDOW	WOOD	A	CRACKED	BEIGE	1260	FIRST	exterior	trim exterior	Negative	1.29	1	< LOD	0.24	< LOD	0.24	< LOD	2.63
346	5/1/2014 9:54	PAINT	1.15	mg / cm ^2	WINDOW	WOOD	B	CRACKED	BEIGE	1260	FIRST	exterior	trim exterior	Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	2.39
347	5/1/2014 9:54	PAINT	1.15	mg / cm ^2	WINDOW	WOOD	B	CRACKED	BEIGE	1260	FIRST	exterior	trim exterior	Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	2.54
348	5/1/2014 9:55	PAINT	1.14	mg / cm ^2	WINDOW	WOOD	D	CRACKED	BEIGE	1260	FIRST	exterior	trim exterior	Negative	2.82	1	< LOD	0.2	< LOD	0.2	< LOD	2.1
349	5/1/2014 9:55	PAINT	1.16	mg / cm ^2	WINDOW	WOOD	D	CRACKED	BEIGE	1260	FIRST	exterior	trim exterior	Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	1.91
350	5/1/2014 9:56	PAINT	1.16	mg / cm ^2	WINDOW	WOOD	C	CRACKED	BEIGE	1260	FIRST	exterior	trim exterior	Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	2.24
351	5/1/2014 9:56	PAINT	1.15	mg / cm ^2	WINDOW	WOOD	C	CRACKED	BEIGE	1260	FIRST	exterior	trim exterior	Negative	1	1	< LOD	0.06	< LOD	0.06	< LOD	2.16
352	5/1/2014 9:58	PAINT	2.31	mg / cm ^2	WINDOW	METAL	A	INTACT	WHITE	1260	FIRST	LIVING ROOM		Negative	3.52	1	0.5	0.3	0.5	0.3	< LOD	1.92
353	5/1/2014 9:59	PAINT	2.3	mg / cm ^2	WALL	DRYWALL	B	INTACT	WHITE	1260	FIRST	LIVING ROOM		Negative	3.65	1	< LOD	0.41	< LOD	0.41	< LOD	1.88
354	5/1/2014 10:00	PAINT	1.73	mg / cm ^2	WALL	DRYWALL	D	INTACT	WHITE	1260	FIRST	LIVING ROOM		Negative	2.96	1	< LOD	0.41	< LOD	0.41	< LOD	2.25
356	5/1/2014 10:01	PAINT	3.45	mg / cm ^2	CHIMNEY	DRYWALL	D	INTACT	WHITE	1260	FIRST	LIVING ROOM		Negative	2.85	1	< LOD	1.1	< LOD	0.04	< LOD	1.1
357	**5/1/2014 10:02**	**PAINT**	**3.46**	**mg / cm ^2**	**WALL**	**WOOD**	**C**	**INTACT**	**BLUE**	**1260**	**FIRST**	**LIVING ROOM**		**Positive**	**7.49**	**1**	**1.9**	**0.9**	**1.3**	**0.5**	**1.9**	**0.9**
358	**5/1/2014 10:02**	**PAINT**	**2.87**	**mg / cm ^2**	**WALL**	**WOOD**	**C**	**INTACT**	**BLUE**	**1260**	**FIRST**	**LIVING ROOM**		**Positive**	**6.59**	**1**	**2.1**	**1.1**	**2.1**	**1.1**	**2.5**	**1.6**
359	**5/1/2014 10:03**	**PAINT**	**3.44**	**mg / cm ^2**	**WALL**	**WOOD**	**D**	**INTACT**	**BLUE**	**1260**	**FIRST**	**LIVING ROOM**		**Positive**	**8.16**	**1**	**2.2**	**0.9**	**2.8**	**0.9**	**2.2**	**0.9**
360	**5/1/2014 10:04**	**PAINT**	**1.74**	**mg / cm ^2**	**WALL**	**WOOD**	**A**	**INTACT**	**BLUE**	**1260**	**FIRST**	**KITCHEN**		**Positive**	**6.07**	**1**	**3.7**	**2.3**	**< LOD**	**1.5**	**3.7**	**2.3**
361	**5/1/2014 10:05**	**PAINT**	**1.74**	**mg / cm ^2**	**WALL**	**WOOD**	**A**	**INTACT**	**BROWN**	**1260**	**FIRST**	**KITCHEN**		**Positive**	**4.88**	**1**	**3.7**	**1.8**	**3.7**	**1.8**	**< LOD**	**3.15**
362	5/1/2014 10:06	PAINT	1.73	mg / cm ^2	WALL	WOOD	A	INTACT	light blue	1260	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.04
363	5/1/2014 10:06	PAINT	1.15	mg / cm ^2	WALL	WOOD	B	INTACT	light blue	1260	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.32
364	5/1/2014 10:06	PAINT	1.74	mg / cm ^2	WALL	WOOD	C	INTACT	light blue	1260	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.84
365	5/1/2014 10:07	PAINT	1.16	mg / cm ^2	WALL	WOOD	D	INTACT	light blue	1260	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.54
366	5/1/2014 10:08	PAINT	1.15	mg / cm ^2	WINDOW	WOOD	A	INTACT	WHITE	1260	FIRST	LIVING ROOM		Negative	3.26	1	< LOD	0.49	< LOD	0.49	< LOD	2.55
367	5/1/2014 10:08	PAINT	1.15	mg / cm ^2	WINDOW	WOOD	A	INTACT	WHITE	1260	FIRST	LIVING ROOM		Negative	3.56	1	< LOD	0.6	< LOD	0.6	< LOD	2.4
368	**5/1/2014 10:09**	**PAINT**	**2.3**	**mg / cm ^2**	**WINDOW**	**WOOD**	**B**	**INTACT**	**WHITE**	**1260**	**FIRST**	**LIVING ROOM**		**Positive**	**5.49**	**1**	**2.9**	**1.8**	**< LOD**	**0.57**	**2.9**	**1.8**
369	5/1/2014 10:09	PAINT	1.14	mg / cm ^2	WINDOW	WOOD	D	INTACT	WHITE	1260	FIRST	LIVING ROOM		Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.31
370	5/1/2014 10:10	PAINT	1.15	mg / cm ^2	WINDOW	WOOD	B	INTACT	WHITE	1260	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	3.45
371	5/1/2014 10:10	PAINT	1.15	mg / cm ^2	WINDOW	WOOD	C	INTACT	WHITE	1260	FIRST	KITCHEN		Negative	1	1	< LOD	0.04	< LOD	0.04	< LOD	2.42
372	5/1/2014 10:10	PAINT	1.73	mg / cm ^2	WINDOW	WOOD	C	INTACT	WHITE	1260	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.38
373	5/1/2014 10:11	PAINT	1.15	mg / cm ^2	WINDOW	WOOD	D	INTACT	WHITE	1260	FIRST	KITCHEN		Negative	1	1	< LOD	0.05	< LOD	0.05	< LOD	1.99

Notes:

"Side" corresponds to location of material as depicted on Figure 2.

NEPA ENVIRONMENTAL REVIEW
LEAD RISK ASSESSMENT
FORM 5.0 - RESIDENT QUESTIONNAIRE

Site Address: 35 Harbor View Road, Norwalk
Site ID: 1260

Children/Children's Habits

1. (a) Do you have any children that live in your home? Yes ☐ No ☒
   (b) If yes, how many? ____ Ages? ____
   (c) 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? _____
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? Rear and front
6. Which window are opened most frequently? all
7. Do you use window air conditioners? If yes, where? no
8. (a) Do any household members engage in gardening? Yes ☐ No ☒
   (b) Record the location of any vegetable garden. none
   (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? never since Storm Sandy
   (b) What cleaning methods do you use? NA
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? _____
11. Are you planning and building renovations? If yes, where? Throughout

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? _____

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

Site Address: 35 Harbor View Ave Norwalk
Site ID: 12 60

Condition	Yes	No
Roof missing parts of surfaces (tiles, boards, shakes, etc.)	X	
Roof has holes or large cracks	X	
Gutters or downspouts broken	X New	
Chimney masonry cracked, bricks loose or missing, obviously out of plumb	X	
Exterior or interior walls have obvious large cracks or holes, requiring more than routine pointing (if masonry) or painting	X	
Exterior siding has missing boards or shingles	X	
Water stains on interior walls or ceilings	X	
Plaster walls or ceilings deteriorated	X	
Two or more windows or doors broken, missing, or boarded up	X	
Porch or steps have major elements broken, missing, or boarded up	X	
Foundation has major cracks, missing material, structure leans, or visibly unsound		X
Total number*	10	
*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: 35 Harbor View Road, Norwalk
Site ID: 1260

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	All sides	Poor	No	Yes	Ø
Exterior Trim	"	Poor	"	"	Ø
Exterior Windows	"	"	"	"	Ø
Exterior Doors	"	"	"	"	"
Railings	None				
Porch Floors	C	NP	NA	NA	NA
Other Porch Surfaces	None				
Interior Doors	All	Poor	Y	Y	NA
Ceilings	1st / 2nd	Poor / Fair	No	Yes	
Walls	1st / 2nd	" "	"	"	
Interior Windows	" "	" "	"	"	
Interior Floors	" "	NP / Poor	No	No	
Interior Trim	" "	Poor / Fair	"	Yes	
Stairways					
Radiator (or radiator cover)	None				
Kitchen cabinets	Kitchen	I	C	Ø	
Bathroom cabinets	Bathroom 2nd Floor	F	Ø	Yes	
Other surfaces	Ø				

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

Site ID: 1260
Name of Risk Assessor Brian Sirowich
Name of Property Owner Allison Allen
Property Address 35 Harbor View Road, Norwalk Apt. No. _____

Sampling Protocol X All Dwellings ____Targeted ____Worst-Case ____Random

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

Sample Number	Room	Building Component	XRF Reading (mg/cm^2)
1	Exterior	Siding shingle	0.0
2	↓	↓	0.0
3			0.26
4			0.3
5			0.9
6			0.5
7			0.7
8			0.6
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 8
Page 1 of 3
Date of Data Collection 7/2/14

Notes:

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

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

Site ID: 1260
Name of Risk Assessor Brian Sirowich
Name of Property Owner Allison Allen
Property Address 35 Harbor View Ave, Norwalk Apt. No. _____

Sampling Protocol X All Dwellings ____Targeted ____Worst-Case ____Random

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

Sample Number	Room	Building Component	XRF Reading (mg/cm^2)
9	exterior	siding shingle	0.0
10	↓	Trim / windows	0.0
11	↓	↓	0.0
12	↓	↓	0.0
13	↓	↓	0.0
14	↓	↓	0.0
15	↓	↓	0.0
16	↓	↓	0.0
HUD/EPA STANDARD			1 mg/cm^2 or 0.5% by weight

Sample <u>all</u> layers of paint, not just deteriorated paint layers
Total Number of Samples This Page 8
Page 2 of 3
Date of Data Collection 7/2/14

Notes:

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

Site ID: _____
Name of Risk Assessor _____
Name of Property Owner _____
Property Address _____ Apt. No. _____

Sampling Protocol _____ All Dwellings ____ Targeted ____ Worst-Case ____ Random

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

Sample Number	Room	Building Component	XRF Reading (mg/cm^2)
17	exterior	trim / windows	0.0
18	spare bedroom	ceiling	0.0
19	Hall	peeling wall	0.0
20	2nd floor laundry	window trim	3.5
21	2nd floor office	Door trim	0.02
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 5
Page 3 of 3
Date of Data Collection 7/2/14

Notes:

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

Site ID: 1260
Name of Risk Assessor Brian Sirovich
Name of Property Owner Allison Allen
Property Address 35 Harbor View Ave, Norwalk Apt. No. _____

Sampling Protocol __x__ All Dwellings ____ Targeted ____ Worst-Case ____ Random

Target Dwelling Criteria (Check all that apply)
- ___ Code Violations
- _X_ Judged to be in Poor Condition
- ___ Presence of 1 or More Children between Ages of 6 Months and 6 Years
- ___ Serves as Day-Care Facility
- ___ Recently Prepared for Re-occupancy

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 ($\mu g/ft^2$)
w-1	Front door entrance	Plywood	Y	12 x 12	1	100
w-2	Living room	Picture Window Sill	Y	1.5 x 84	0.7	229
w-3	Kitchen	Laminate	Y	12 x 12	1	8
w-4	Dining room	Window Sill D	Y	3.5 x 32	0.79	228
w-5	1st flr. Stair well	Window Sill D	Y	3.5 x 32	0.79	67
w-6	Laundry room	Window Sill C	Y	3.5 x 32	0.79	5063
w-7	Laundry room	Carpet	N	12 x 12	1	2.8
w-8	Bedroom 1	Window Sill A	Y	1.5 x 48	0.35	194

[1]Measure to the nearest 1/8 inch
HUD Standards: 100 $\mu g/ft^2$ (floors), 500 $\mu g/ft^2$ (interior window sills), 800 $\mu g/ft^2$ (window troughs)

Total Number of Samples This Page 8
Page 1 of 1
Date of Sample Collection 6/27/14 Date Shipped to Lab 6/30/14

Shipped by __ See Chain of Custody ____ Received by __ See Chain of Custody _____
(Signature) (Signature)

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

Site ID: 1260
Name of Risk Assessor Brian Sirowich
Name of Property Owner Allison Allen
Property Address 35 Harbor View Ave, Norwalk Apt. No. ____

Sample Number	Location	Bare or Covered?	Lab Result (ug/g)
SS-1	Drip line	Covered	1,100
SS-2	Flower Garden	Partial	120
SS-3	Bare spot 1	Bare	350
SS-4	Bare spot 2	Bare	740
HUD interim standard for play area			400
HUD interim standard for perimeter			2,000

Collect only top ½ inch of soil

Total Number of Samples This Page 4
Page 1 of 1
Date of Sample Collection 6/27/14 Date Shipped to Lab 6/30/2014

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

Appendix D

Roster of Suspect Asbestos-Containing Materials

Roster of Suspect Asbestos Containing Materials – May 2014

Site # 1260 – 35 Harbor View Avenue, Norwalk, CT

Sample ID	HA	Material	Quantity	Condition	Location
12601	1	Textured Ceiling	1,000 SF	Poor	Throughout
12602 – 12604	2	Sheetrock Walls	1,500 SF	Bottom half of wall removed	Kitchen and Living Room
12605	3	Fiberglass Insulation	Unknown	Poor	Throughout
12606 – 12608	4	Blue Linoleum Floor	50 SF	Intact	Throughout
12609	5	Window Glazing	8 Windows	Intact	Exterior Windows
126010	6	Exterior Window Rope	1 Window	Intact	Exterior Windows
126011	7	Exterior Window Caulk	8 Windows	Intact	Exterior Windows
Notes: SF = Square Feet HA = Homogeneous Area					

Appendix E

Laboratory Analytical Reports

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

EMSL Order:	041412070
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:	05/02/14 9:30 AM
Analysis Date:	5/9/2014
Collected:	5/1/2014

Project: **104318 / Site 2160 / 35 Harbor View, 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**
12601 *041412070-0001*	Living room - Textured ceiling	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)		**None Detected**
			HA: 1					
12602-Drywall *041412070-0002*	1st floor living room & kitchen - Sheetrock walls & ceiling	Brown/White Fibrous Homogeneous	20%	Cellulose	80%	Non-fibrous (other)		**None Detected**
			HA: 2					
12602-Texture *041412070-0002A*	1st floor living room & kitchen - Sheetrock walls & ceiling	Silver/Cream Non-Fibrous Homogeneous			98%	Non-fibrous (other)	**2%**	**Chrysotile**
			HA: 2					
12603-Drywall *041412070-0003*	1st floor living room & kitchen - Sheetrock walls & ceiling	Brown/White Fibrous Homogeneous	20%	Cellulose	80%	Non-fibrous (other)		**None Detected**
			HA: 2					
12603-Texture *041412070-0003A*	1st floor living room & kitchen - Sheetrock walls & ceiling							**Stop Positive (Not Analyzed)**
			HA: 2					
12604-Drywall *041412070-0004*	1st floor living room & kitchen - Sheetrock walls & ceiling	White Fibrous Homogeneous	15%	Cellulose	85%	Non-fibrous (other)		**None Detected**
			HA: 2					

Analyst(s)

Andrew Castellano (3)
Alexis Kum (12)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Initial report from 05/09/2014 09:52:21

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

EMSL Order:	041412070
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:	05/02/14 9:30 AM
Analysis Date:	5/9/2014
Collected:	5/1/2014

Project: **104318 / Site 2160 / 35 Harbor View, 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**
12604-Texture *041412070-0004A*	1st floor living room & kitchen - Sheetrock walls & ceiling						**Stop Positive (Not Analyzed)**
			HA: 2				
12605 *041412070-0005*	1st floor living room & kitchen - Fiberglass insulation & paper	Brown/Gray Fibrous Homogeneous	30% 50%	Cellulose Min. Wool	20%	Non-fibrous (other)	**None Detected**
			HA: 3				
12606-Linoleum *041412070-0006*	Kitchen - Blue linoleum flooring & mastic	Blue Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
			HA: 4				
12606-Mastic *041412070-0006A*	Kitchen - Blue linoleum flooring & mastic	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
			HA: 4				
12607-Linoleum *041412070-0007*	Kitchen - Blue linoleum flooring & mastic	Blue Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
			HA: 4				
12607-Mastic *041412070-0007A*	Kitchen - Blue linoleum flooring & mastic	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
			HA: 4				

Analyst(s)

Andrew Castellano (3)
Alexis Kum (12)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Initial report from 05/09/2014 09:52:21

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

EMSL Order:	041412070
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:	05/02/14 9:30 AM
Analysis Date:	5/9/2014
Collected:	5/1/2014

Project: **104318 / Site 2160 / 35 Harbor View, 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**
12608-Linoleum *041412070-0008*	Kitchen - Blue linoleum flooring & mastic	White/Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
		HA: 4			
12608-Mastic *041412070-0008A*	Kitchen - Blue linoleum flooring & mastic	Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
		HA: 4			
12609 *041412070-0009*	Front window - Window glazing	White Fibrous Homogeneous		97% Non-fibrous (other)	**3% Chrysotile**
		HA: 5			
12610 *041412070-0010*	Side window exterior - Window rope	White/Yellow Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
		HA: 6			
12611 *041412070-0011*	Side window exterior - Window caulk	Gray Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
		HA: 7			

Analyst(s)

Andrew Castellano (3)
Alexis Kum (12)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Initial report from 05/09/2014 09:52:21

OrderID: 041412070

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only): 041412070

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:** ☐ Same ☒ Different If Bill to is Different note instructions in Comments** *Third Party Billing requires written authorization from third party*
Street: 385 Church Street Suite 201	
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: 104318	**Please Provide Results:** ☐ Fax ☒ 4 Email ☐ Mail
U.S. State Samples Taken: CT	**CT Samples:** ☐ Commercial/Taxable ☒ Residential/Tax Exempt

Turnaround Time (TAT) Options* – Please Check

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

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

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

☒ Check For Positive Stop – Clearly Identify Homogenous Group **Date Sampled:** 5/1/14

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

Sample #	HA #	Sample Location	Material Description
12601	1	Living Room	Textured Ceiling
12602 – 12604	2	1st Floor Living Room & Kitchen	Sheetrock walls & Ceiling
12605	3	" "	Fiberglass Insulation & Paper
12606 – 12608	4	Kitchen	Blue Linoleum Flooring & Mastic
12609	5	Front Window	Window Glazing
12610	6	Side Window Exterior	Window Rope.
12611	7	" " "	Window Caulk.

Client Sample # (s): 12601 - 12611 **Total # of Samples:** 11 min.

Relinquished (Client): BS **Date:** 5/1/14 **Time:** 14:15

Received (Lab): DMB-FX **Date:** 5-2-14 **Time:** 930A

Comments/Special Instructions:
BillTo: 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: 104318

5-12-14 1260 35 Harbor View Norwalk, CT

Page 1 of 1 pages

PO-104318

(11) KW

RECEIVED
EMSL
CINNAMINSON, N.J.
2014 MAY -2 A 10:50

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: 381402310
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: 05/09/14 4:27 PM
Analysis Date: 5/10/2014
Collected: 5/1/2014

Project: **35 Harbor View Avenue**

Test Site: **1260**
35 Harbor View Avenue
Norwalk, CT 06854

Test Report: Radon in Air Test Results

Samples for EMSL Kit 97824

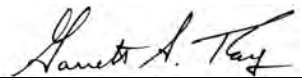
Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
164814	First floor kitchen shelf	0.3	5/1/2014	5/4/2014	58	60	Customer
381402310-0001			10:00:00 AM	9:30:00 AM			
Sample Notes:							
164796	First floor kitchen shelf	0.4	5/1/2014	5/4/2014	58	60	Customer
381402310-0002			10:00:00 AM	9:30:00 AM			
Sample Notes:							
Summary for EMSL kit 97824			**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 MeasurementSpecialist NRSB 5SS0093
NJ MES12264, FL R2001, NE 116, PA 2572

Initial report from 05/12/2014 12:11:50

Please visit www.radontestinglab.com

OrderID: 041412070

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

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

RECEIVED
EMSL
CINNAMINSON, N.J.
2014 MAY -9 P 4:27

38140230

TRIT57
5 day

Radon In Air Data Sheet

Send Written Report To:

Name Dave Vasiliou
Address 385 Church Street
City Guilford State CT Zip
Phone 203.458.7200 Fax 203.458.7201
Email dvasiliou@tritonenvironmental.com
Technician Name Mark Paulsson
Technician Certification #
Technician Signature

1ST RED VIAL # 164814

LOCATION

☐ Basement ☑ First Floor ☐ Bedroom ☐ Den
☐ Living Room ☐ Other Kitchen
☐ Location in Room Shelf

2ND RED VIAL # 164796
(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 # 97824 (97824) (Outside of Box)

Property Tested:

Name 1260
Address 35 Harbor View Avenue
City Norwalk
Municipality Norwalk County Fairfield
State Connecticut Zip 06854
☐ Check here if this is a Post Mitigation test.
Technician Name Mark Paulsson
Technician Certification #
Technician Signature

INDOOR CONDITIONS

Temperature 58 °F Humidity 60 %

EXPOSURE PERIOD

Beginning Date: 5 / 1 / 2014
Time: 10:00 AM / PM (Circle)

Ending Date: 5 / 4 / 14
Time: 9:30 AM / PM (Circle)

Tear Here

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

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# 4050052

Report Date: May 12, 2014
Project: 104318
Project Number: 104318

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

New York Certification: 11982
Florida Laboratory Certification: E871064

SAMPLE SUMMARY

The sample(s) were received at 26.5°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
S1	4050052-01	Solid	5/01/2014 10:30	05/02/2014
S2	4050052-02	Solid	5/01/2014 11:00	05/02/2014

Client Sample ID S1

Lab ID: 4050052-01

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	0.50	2.5	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:33	
PCB-1221	ND	0.50	2.5	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:33	
PCB-1232	ND	0.50	2.5	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:33	
PCB-1242	ND	0.50	2.5	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:33	
PCB-1248	ND	0.50	2.5	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:33	
PCB-1254	ND	0.50	2.5	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:33	
PCB-1260	ND	0.50	2.5	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:33	
PCB-1268	ND	0.50	2.5	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:33	
PCB-1262	ND	0.50	2.5	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:33	
Surrogate: TCMX	*89.1 %*	*50 - 150*			B4E0642	05/06/2014	*05/09/2014 12:33*	
Surrogate: DCB	*101 %*	*50 - 150*			B4E0642	05/06/2014	*05/09/2014 12:33*	P

Client Sample ID S2
Lab ID: 4050052-02

PCBs by Soxhlet **Analyst: CA**

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	B4E0642	05/06/2014	05/09/2014 12:52	
PCB-1221	ND	0.80	4	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:52	
PCB-1232	ND	0.80	4	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:52	
PCB-1242	ND	0.80	4	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:52	
PCB-1248	ND	0.80	4	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:52	
PCB-1254	ND	0.80	4	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:52	
PCB-1260	ND	0.80	4	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:52	
PCB-1268	ND	0.80	4	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:52	
PCB-1262	ND	0.80	4	EPA 3540C	B4E0642	05/06/2014	05/09/2014 12:52	
Surrogate: TCMX	*84.8 %*	*50 - 150*			B4E0642	05/06/2014	*05/09/2014 12:52*	
Surrogate: DCB	*86.3 %*	*50 - 150*			B4E0642	05/06/2014	*05/09/2014 12:52*	

QUALITY CONTROL SECTION

Batch B4E0642 - 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 (B4E0642-BLK1)					Prepared: 5/6/2014 Analyzed: 5/7/2014				
PCB-1016	ND	0.20							
PCB-1221	ND	0.20							
PCB-1232	ND	0.20							
PCB-1242	ND	0.20							
PCB-1248	ND	0.20							
PCB-1254	ND	0.20							
PCB-1260	ND	0.20							
PCB-1268	ND	0.20							
PCB-1262	ND	0.20							
Surrogate: TCMX					*75.7*	*50 - 150*			
Surrogate: DCB					*83.8*	*50 - 150*			
LCS (B4E0642-BS1)					Prepared: 5/6/2014 Analyzed: 5/7/2014				
PCB-1016	1.15	0.20	1.000		115	50 - 150			
PCB-1260	1.21	0.20	1.000		121	50 - 150			
Surrogate: TCMX					*88.1*	*50 - 150*			
Surrogate: DCB					*97.5*	*50 - 150*			
Calibration Check (B4E0642-CCV1)					Prepared: 5/6/2014 Analyzed: 5/10/2014				
PCB-1016	0.988	0.20	1.000		98.8	80 - 120			
PCB-1260	0.980	0.20	1.000		98.0	80 - 120			
Surrogate: TCMX					*104*	*50 - 150*			
Surrogate: DCB					*99.6*	*50 - 150*			

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

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

Quality Control Definitions and Abbreviations

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

Flags:

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

NELAP ACCREDITED TNI LABORATORY

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

New York Certification 11982
Florida Laboratory Certification E871064

CET #:4050052
Project: 104318
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 Homogenity 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.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

4050052

CET #

Volatile Soils Only:

Date and Time in Freezer

Client:

CET:

CHAIN OF CUSTODY RECORD

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 8082 Soil, Pesticides, Herbicides

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

Additional Analysis

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	PCBs 8082 Soil	TOTAL # OF CONT.	NOTE #
S1	5/1 10:30	O				✓	X	1	
S2	5/1 11:00	O				✓	X	1	
								2	

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:
[signature]	5/1/14 14:52	[signature]
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES: Site #1260

S-1 - Glazers

S-2 - Caulk

Client / Reporting Information

Company Name: Triton Env. Inc.

Address: 385 Church ST

City: Cheshire State: CT Zip:

Report To: Brian Sirowich E-mail: bsirowich@tritonenvironmental.com

Phone #: 203 758-7200 Fax #:

Project Information

Project Contact: Brian S / David V PO #: 104518

Project: 104818 1260 Project #: 104518

Location: Norwalk CT Collector(s): Brian S

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

Data Report: ☒ Email ☒ PDF ☐ Excel ☐ Other

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

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 26.5 °C

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. 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# 4070105

Report Date: July 09, 2014
Project: 104318 (1260)
Project Number: 35 Harborview Rd, Norwalk
PO Number: 104318

Connecticut Laboratory Certificate: PH 0116
Massachussetts laboratory Certificate.: M-CT903

New York Certification: 11982
Rhode Island Certification: 199

SAMPLE SUMMARY

The sample(s) were received at 4.8°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
W1	4070105-01	Wipe	6/27/2014 9:00	07/02/2014
W2	4070105-02	Wipe	6/27/2014 9:10	07/02/2014
W3	4070105-03	Wipe	6/27/2014 9:20	07/02/2014
W4	4070105-04	Wipe	6/27/2014 9:30	07/02/2014
W5	4070105-05	Wipe	6/27/2014 9:40	07/02/2014
W6	4070105-06	Wipe	6/27/2014 9:50	07/02/2014
W7	4070105-07	Wipe	6/27/2014 10:00	07/02/2014
W8	4070105-08	Wipe	6/27/2014 10:10	07/02/2014
S1	4070105-09	Soil	6/27/2014 10:30	07/02/2014
S2	4070105-10	Soil	6/27/2014 10:45	07/02/2014
S3	4070105-11	Soil	6/27/2014 11:00	07/02/2014
S4	4070105-12	Soil	6/27/2014 11:15	07/02/2014

Analyte: Total Solids [EPA 160.3 modified]

Analyst: JF

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4070105-09	S1	**82**	1.0	%	1	B4G0817	07/08/2014	07/09/2014 00:00	
4070105-10	S2	**93**	1.0	%	1	B4G0817	07/08/2014	07/09/2014 00:00	
4070105-11	S3	**91**	1.0	%	1	B4G0817	07/08/2014	07/09/2014 00:00	
4070105-12	S4	**73**	1.0	%	1	B4G0817	07/08/2014	07/09/2014 00:00	

Analyte: Total Lead [EPA 6010C]

Analyst: SS

Prep Method: EPA 3050B

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4070105-09	S1	**1100**	2.4	mg/kg dry	1	B4G0810	07/08/2014	07/08/2014 21:02	
4070105-10	S2	**120**	2.1	mg/kg dry	1	B4G0810	07/08/2014	07/08/2014 21:07	
4070105-11	S3	**350**	2.2	mg/kg dry	1	B4G0810	07/08/2014	07/08/2014 21:12	
4070105-12	S4	**740**	2.7	mg/kg dry	1	B4G0810	07/08/2014	07/08/2014 21:17	

Analyte: Total Lead [EPA 6010C]

Analyst: SS

Prep Method: EPA 3050B

Matrix: Wipe

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4070105-01	W1	**100**	1.0	ug	1	B4G0715	07/07/2014	07/07/2014 18:50	
4070105-02	W2	**160**	1.0	ug	1	B4G0715	07/07/2014	07/07/2014 18:55	
4070105-03	W3	**8.0**	1.0	ug	1	B4G0715	07/07/2014	07/07/2014 19:00	
4070105-04	W4	**180**	1.0	ug	1	B4G0715	07/07/2014	07/07/2014 19:04	
4070105-05	W5	**53**	1.0	ug	1	B4G0715	07/07/2014	07/07/2014 19:09	
4070105-06	W6	**4000**	1.0	ug	1	B4G0715	07/07/2014	07/07/2014 19:14	
4070105-07	W7	**2.8**	1.0	ug	1	B4G0715	07/07/2014	07/07/2014 19:29	
4070105-08	W8	**68**	1.0	ug	1	B4G0715	07/07/2014	07/07/2014 19:34	

CET #:4070105
Project: 104318 (1260)
Project Number: 35 Harborview Rd, Norwalk

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

Sincerely,

David Ditta
Laboratory Director

Report Comments:

ND is None Detected at the specified detection limit
All analyses were performed in house unless a Reference Laboratory is listed.
Samples will be disposed of 30 days after the report date.
Sample Result Flags:
E- The result is estimated, above the calibration range.
H- The surrogate recovery is above the control limits.
L- The surrogate recovery is below the control limits.
B- The compound was detected in the laboratory blank.
P- The Relative Percent Difference (RPD) of dual column analyses exceeds 40%.
D- The RPD between the sample and the sample duplicate is high. Sample Homogenity may be a problem.
+- The Surrogate was diluted out.
All results met standard operating procedures unless indicated by a data qualifier next to a sample result, or a narration in the QC report.
Complete Environmental Testing is only responsible for the certified testing and is not directly responsible for the integrity of the sample before laboratory receipt.

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

4070105

F CUSTODY RECORD

CET # _____

Volatile Soils Only:

Date and Time in Freezer
Client:
CET:

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

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

Sample ID	Date/Time	Matrix	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	Metals (check all that apply): 13 Priority Poll	8 RCRA	TOTAL Lead	TCLP	SPLP	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
W1	6/27 9:00	W				X												X						1	1
W2	9:10																							1	1
W3	9:20																							1	1
W4	9:30																							1	1
W5	9:40																							1	1
W6	9:50																							1	1
W7	10:00																							1	1
W8	10:10																							1	1
SS-1	10:30	S																						1	1
SS-2	10:45																							1	1
SS-3	11:00																							1	1
SS-4	11:15																							1	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:
	6/30 14 1600	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
	7-2-14 1700	
RELINQUISHED BY:	DATE/TIME	RECEIVED BY:

NOTES:

1260
35 Harbor View Rd
Norwalk, CT

Client / Reporting Information

Company Name: Triton Environmental, Inc.

Address: 285 Church ST Guilford, CT

City State Zip

Report To: Brian S. bs@triton...

E-mail

Phone #: 2034587200 Fax #

Project Information

Project Contact: Brian S PO #: 104318 (1260)

Project: 104318 (1260) Project #: 104318 (1260)

Location: 104318 (1260) Collector(s): BNS/MT

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

Data Report ☐ Email ☑ PDF ☐ Excel ☐ Other

RSR Reporting Limits (check one) ☐ GA ☐ GB ☐ SWP ☐ Other (specify)

Lab Use:
Evidence of Cooling: Y or N
Temp Upon Receipt 4.8 °C

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. 12/11