NEPA ENVIRONMENTAL REVIEW REPORT

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

Site ID No. 1195
5 Park Lane
Norwalk, Connecticut

August 2014

Ref. No. 104318/11/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 5 Park Lane 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 proposed work plan for the site initially included raising the structure above the flood zone and replacing all of the interior sheetrock excluding ceilings throughout the entire single level dwelling. The proposed scope of work was subsequently changed to demolition and reconstruction of the dwelling at a raised elevation above the flood zone. As such, the work zone as described by Merritt consists of the entire dwelling.

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 Mr. Andrew Peters of Merritt.

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

- Suspect asbestos containing materials;
- Potential lead based paint;
- Potential radon;
- Potential polychlorinated biphenyls (PCBs); and
- 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 (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 - Radon (Item 13E)

Based on the Indoor Radon Potential Map of Connecticut published by the Environmental Protection Agency (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, the potential for mold was identified within the work zone.

2.3 - Additional Items (Not Included in Statutory Checklist)

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

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

3.0 - 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 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 the entire dwelling. Triton conducted testing using X-Ray Fluorescence (XRF). The survey was completed by a Connecticut certified lead inspector. The surveys were completed using a Niton XL-300A XRF instrument. XRF readings were taken at a total of 81 locations of 56 distinct building materials in the work zone. Appendix C contains a spreadsheet summarizing the results. The results of the XRF testing indicate that several of the exterior painted building materials tested contained lead concentrations greater than the action level of 1 mg/cm^2 (0.5% by weight). The materials containing lead based paint above the action level are summarized in the table below. The approximate locations of these materials are shown on the Figure 2 diagram.

Summary of XRF Testing Results Within the Work Zone

Material	Location	Side	Color	Approx. Quantity	Concentration (mg/cm^2)
Window trim	Exterior	B, C, D	Green	50 SF	1.3 to 1.8
Soffit	Exterior	C	Green	10 SF	1.1
Gable	Exterior	A	Blue	10 Sf	4.3

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 one bedroom, single family residential house reportedly constructed in 1930. The site is owned by Emmett Ryan. There is currently one full time occupant and one part 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, 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	Porch railing, spindles, and step, and roof gable
Dust Accumulations	Yes	Carpet
Bare Soil	Yes	Drip line, garden boxes
Impact/Friction Surfaces	Yes	Bedroom door
Chewing 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, the following deteriorated paint surfaces were determined to contain lead paint above the HUD action level of 1 mg/cm^2: blue peeling paint on the roof gable (4.3 mg/cm^2).

3.1.2.3 - Dust Sampling

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, none 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: drip line of the dwelling and the garden boxes.

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. A total of nine soil samples were collected. The homogenized samples were then transferred into laboratory clean sample containers 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, none of the soil samples exceeded the HUD action level of 400 mg/kg (for play areas) or 2,000 mg/kg (for perimeter area).

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 that are not disturbed).

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 expected life. 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 - lead levels exceeding 1 mg/cm^2 in deteriorated paint on the roof gable

Abatement of Hazard A will be accomplished by replacing components impacted with lead-based paint during the demolition and rebuilding process.

3.1.3 - Waste Stream Characterization

Due to the intended demolition of the structure, Triton collected a representative sample of building materials that will be included in the demolition waste stream for testing of leachable lead using the Toxicity Characteristic Leaching Procedure (TCLP). The sample included various building materials in percentages representative of the overall structure. The TCLP lead result was 0.081 mg/l, which is below the hazardous waste trigger of 5.0 mg/l. Therefore, the results indicate that the waste stream (provided that the building demolition debris is disposed of as a single waste stream) would not be considered hazardous waste. The laboratory analytical report is included in Appendix E.

3.2 - Asbestos Sampling

Asbestos surveys were completed of the work zone on May 1 and August 6, 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 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 30 samples were collected from 12 homogeneous building materials within the work zone. Some samples were further subdivided at the laboratory for discrete testing resulting in the reporting of 35 results. The results indicated that none of the building materials contained asbestos greater than one percent, which is considered non-asbestos containing under NESHAP.

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 - Airborne Radon Sampling

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

Triton conducted a radon assessment of the lowest livable space at the site (ground floor level). Two radon test kits were deployed (a sample and a duplicate) in 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 reported results of 0.6 pCi/L and 0.5 pCi/L for the subject site, both of which are below the EPA guideline of 4.0 pCi/L. The laboratory analytical results are attached in Appendix E.

3.4 - PCB Sampling

PCB sampling was conducted by Triton on August 6, 2014. Prior to sampling, Triton conducted a visual survey of the work zone for potentially 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)
White caulk	C side windows	6	1
White caulk	Roof top AC unit	1	1

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

PCBs were not detected in the samples collected from window or AC unit caulk. The laboratory analytical results are provided 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 the sheetrock inside the living room closet and on wall D of the bathroom (shown on Figure 2). Photographs of the apparent mold are provided in Appendix B. The entire structure was reportedly flooded with 18-inches of category 3 water and as such, 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 paint 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

XRF testing completed for the work zone identified lead based paint on the exterior window trim, soffit, and gable. As a follow-up analysis, a risk assessment was performed in accordance with 24 CFR Part 35.1320 that identified a lead paint hazard associated with the roof gable. The abatement of this lead based paint will be accomplished through the demolition of the building. The TCLP sampling has indicated that the waste stream of the residence (if disposed as a single waste stream) would not require disposal as a hazardous waste. If the components containing lead paint are segregated from the remainder of the building waste stream, additional TCLP testing of that waste stream would be needed. Given the presence of lead paint, the work should be completed 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. Work should meet the safe work practices specified in 24 CFR 35.1350(b) including notifications to occupants and cleanup procedures.

4.2 - Mold Abatement

Mold was observed on the sheetrock inside the living room closet and on wall D of the bathroom. Mold may be present in other interior areas that could not be observed during the inspection (i.e. behind walls). Due to the intended demolition of the dwelling, abatement of the mold on (and possibly within) the walls will not be required.

4.3 - Removal of Additional Universal/Hazardous Wastes

Prior to demolition of the building, the contractor should remove any additional hazardous and/or universal wastes present in the building. These could include items such as

fluorescent light ballasts, mercury containing devices, (ex. thermostats, switches, manometers, etc.) fire extinguishers, urea formaldehyde, and freon containing equipment such as refrigerators and air conditioners.

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

2. Lead Based Paint - Based on the work zone lead inspection, lead paint was identified within the work zone (exterior windows, soffit, and gable). The lead hazard risk assessment also identified a lead hazard associated with deteriorated paint on the gable. Notification of these lead hazards should be made to the homeowner and occupants within 15 days. The lead paint will be abated through demolition of the structure. Based on the TCLP sampling completed, disposal of the demolition debris can be as standard construction and demolition waste (provided the entire structure is disposed of as a single waste stream). Given the presence of lead paint, precautions should be taken to avoid spread of lead paint to the ground and to protect worker safety.

3. Mold - Mold was observed on the sheetrock inside the living room closet and on wall D of the bathroom and may be present in areas that could not be observed during the inspection (i.e. behind walls). Additional mold impacted surfaces may be encountered during renovation in spaces that were inaccessible or not apparent during the inspection. Abatement of the mold will not be needed due to the demolition of the structure. General precautions should be taken during the renovation process to avoid the potential spread of mold spores and to mitigate health and safety concerns.

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

6.0 - LIMITATIONS

The tasks completed were performed specifically within the work zone that has been specified to Triton by the Merritt project manager (such zone may change as the project develops and re-inspection by Triton will be required). In addition, the scope of work was limited to those items that are part of the NEPA review process with the exception of PCB sampling, which was performed as an 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.

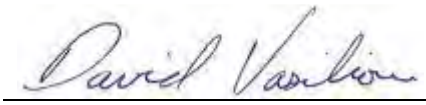
All abatement/renovation activities should be conducted in accordance with all applicable local, state, and federal regulations and Occupational Safety and Health Association (OSHA) guidelines.

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.

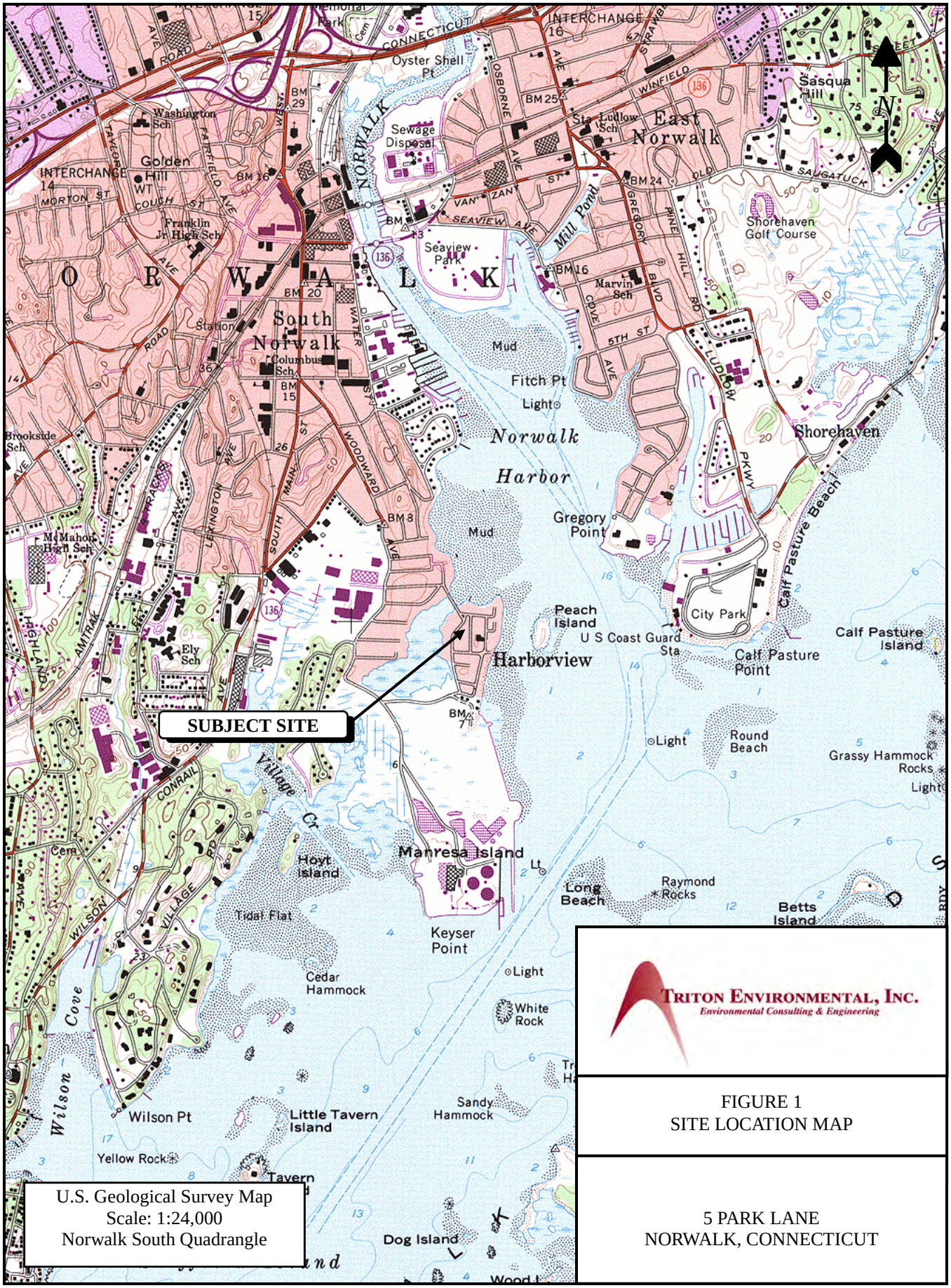


David Vasiliou, LEP
Senior Project Manager

J. Carver Glezen, LEP
Senior Vice President

Christopher E. Marchesi
President

FIGURES

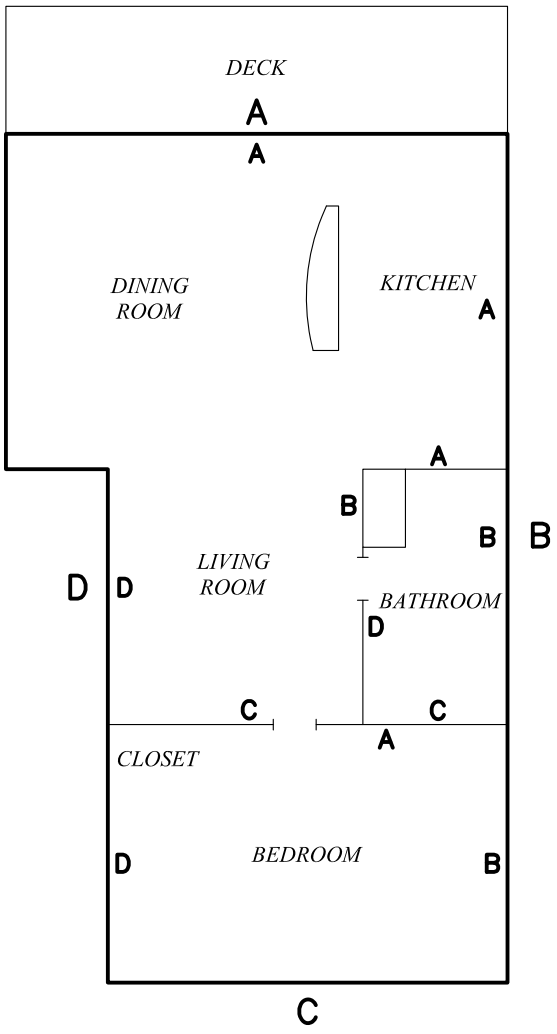


U.S. Geological Survey Map
Scale: 1:24,000
Norwalk South Quadrangle

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

FIGURE 1
SITE LOCATION MAP

5 PARK LANE
NORWALK, CONNECTICUT



PARK LANE

NOT TO SCALE – SKETCH ONLY
FOR ILLUSTRATIVE PURPOSES

NOTES:

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

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering
385 Church Street, Suite 201 • Guilford, Connecticut 06437 • 203.458.7200

FIGURE 2

SITE DIAGRAM

APPLICANT #1195
5 PARK LANE
NORWALK, CONNECTICUT

DRAWN BY: RGM		APPROVED BY: DSV
DATE: 5/14/14	SCALE: N.T.S.	FILE No.:104318-5PARKLN

P:\CAD\DRAWINGS\104000\104318\FIGURES\5 PARK LANE\104318-5PARKLN.DWG
Layout: Layout1

Appendix A

Public Resource Maps

United States Department of the Interior

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

Consultation Tracking Number: 05E1NE00-2014-SLI-0377 June 04, 2014
Project Name: #1195 5 park lane norwalk

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

To Whom It May Concern:

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

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

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

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

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

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

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

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

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

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

Attachment

United States Department of Interior
Fish and Wildlife Service

Project name: #1195 5 park lane norwalk

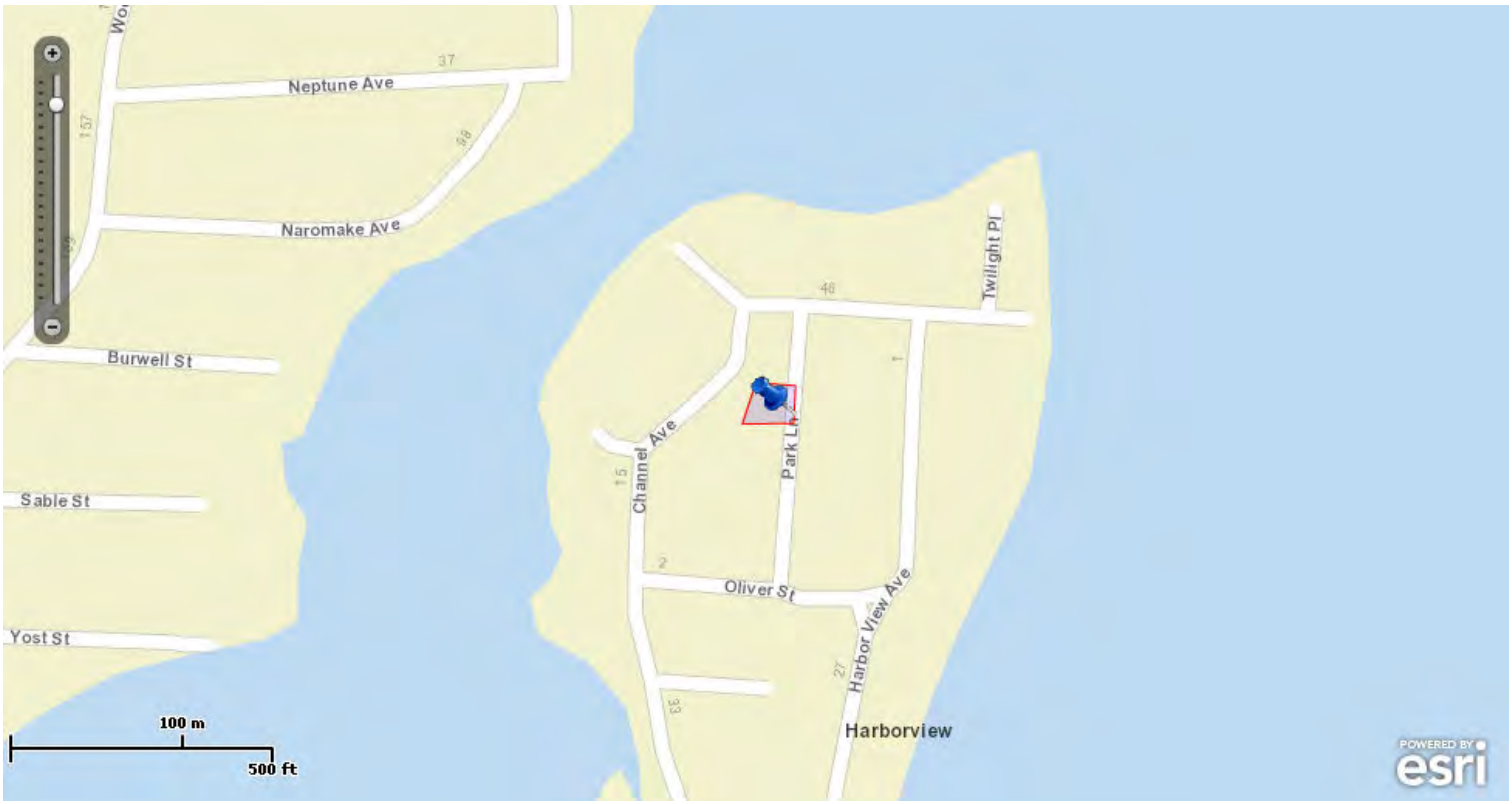
Official Species List

Provided by:

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

Consultation Tracking Number: 05E1NE00-2014-SLI-0377
Project Type: ** Other **
Project Description: includes raising the structure above the flood zone and replacing all of the interior sheetrock excluding ceilings throughout the entire single level dwelling.

Project Location Map:



Project Coordinates: MULTIPOLYGON (((-73.4095654 41.0832514, -73.4095789 41.0830553, -73.4099357 41.0830512, -73.4098416 41.0832676, -73.4095654 41.0832514)))

Project Counties: Fairfield, CT

United States Department of Interior
Fish and Wildlife Service

Project name: #1195 5 park lane norwalk

Endangered Species Act Species List

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

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

Critical habitats that lie within your project area

There are no critical habitats within your project area.

1195
JO

Department of Economic and Community Development

Connecticut
still revolutionary

July 23, 2014

received
7-30-14

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

Subject: 5 Park Lane Road
Norwalk, CT

Dear Ms. Delaire:

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

It is our opinion that the property located at 5 Park Lane Road does not appear to be eligible for listing on the National Register of Historic Places. Based on the information provided to this office, no historic properties will be affected.

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

Sincerely,

Mary B. Dunne
Deputy State Historic Preservation Officer

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

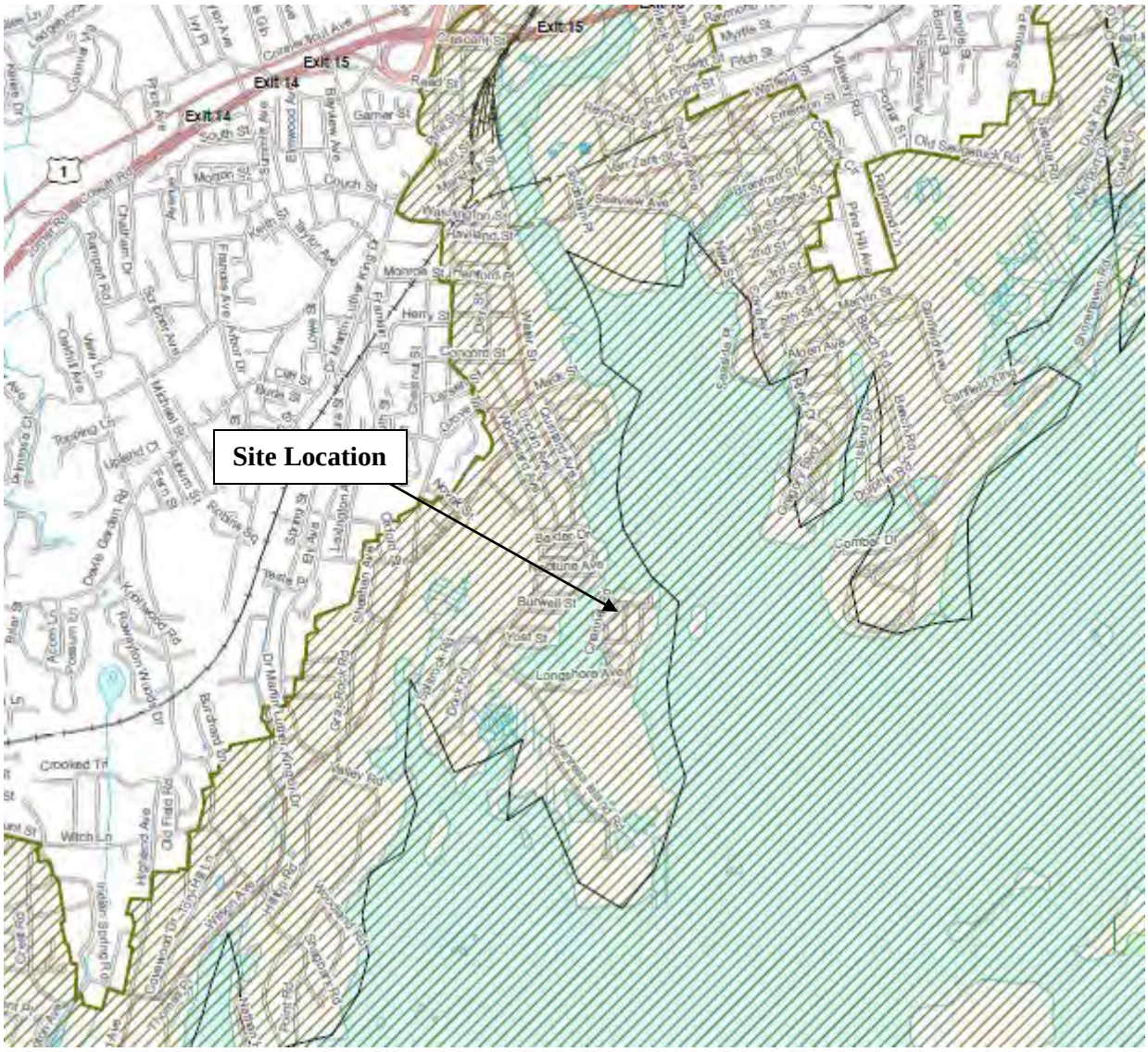
Federal Emergency Management Agency

Aquifer Protection Area Map
(December 2013)

5 Park Lane
Norwalk, CT

Coastal Boundary Map
(January 2013)

5 Park Lane
Norwalk, CT



Farmland Soil Map
(April 2011)

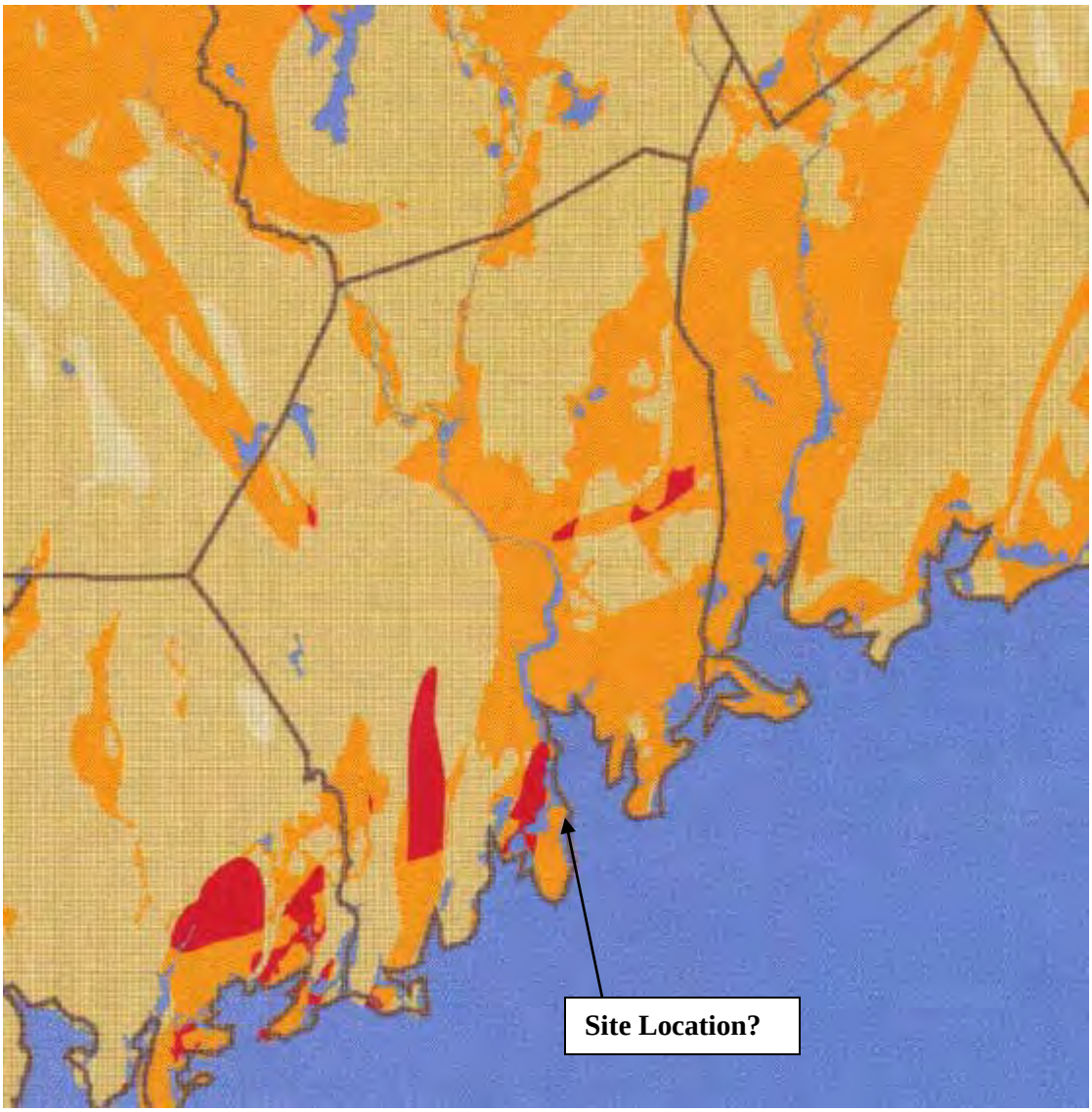
5 Park Lane
Norwalk, CT

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.

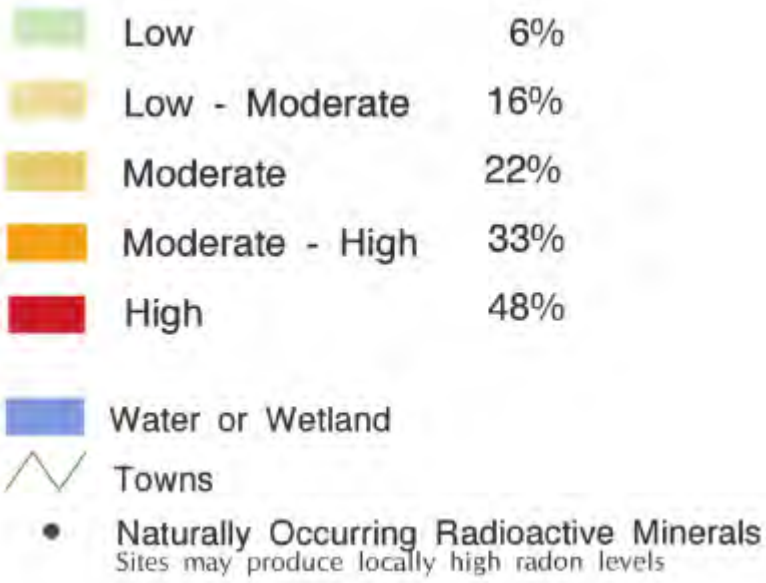
Indoor Radon Potential Map - 1997

5 Park Lane

Norwalk, CT



Site location is approximate

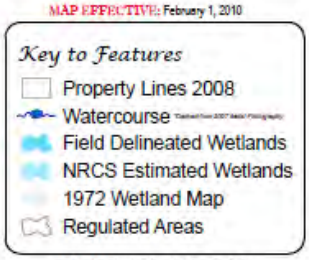

Low 6%
Low - Moderate 16%
Moderate 22%
Moderate - High 33%
High 48%
Water or Wetland
Towns
Naturally Occurring Radioactive Minerals
Sites may produce locally high radon levels

Norwalk Inland Wetland Map
(February 2010)

Norwalk Inland Wetland and Watercourse Regulations

5 Park Lane
Norwalk, CT

MAP EFFECTIVE: February 1, 2010



MAP AMENDED: October 29, 2009
December 9, 2005

Inland Wetland Soil Map
(October 2009)

Prepared by CT DEEP

5 Park Lane
Norwalk, CT

Inland Wetland Soil Map – Norwalk
(October 2009)

LEGEND

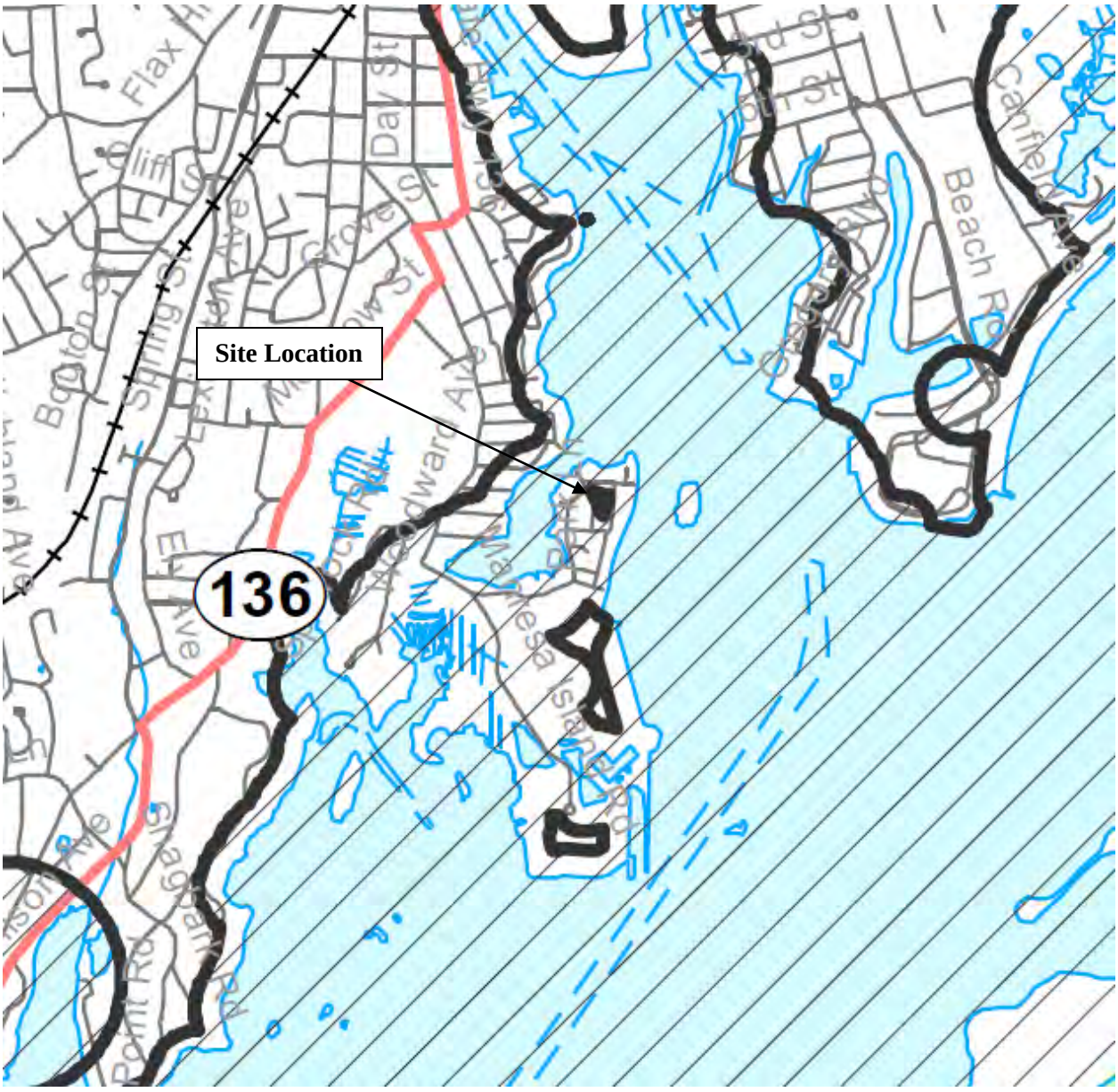
Poorly Drained and Very Poorly Drained soils - **Poorly drained** soils occur where the water table is at or just below the ground surface, usually from late fall to early spring. The land where poorly drained soils occur is nearly level or gently sloping. Many of our red maple swamps are on those soils. **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

Natural Diversity Database Map
(December 2013)

5 Park Lane
Norwalk, CT



State and Federal Listed Species
& Significant Natural Communities

Appendix B

Photographs

Photograph 1
Front of dwelling looking west

Photograph 2
Bathroom

Photograph 3
Finished interior

Photograph 4
Mold on sheetrock in closet

Photograph 5
Mold and mushroom on sheetrock in bathroom

Appendix C

Lead Risk Assessment and Inspection Forms

XRF Lead Screening Results

5 Park Lane, Norwalk

#1195

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
326	5/1/2014 8:57	PAINT	2.3	mg / cm ^2	WALL	DRYWALL	A	INTACT	YELLOW	1195	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.89
327	5/1/2014 8:57	PAINT	1.73	mg / cm ^2	WALL	DRYWALL	A	INTACT	YELLOW	1195	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.81
328	5/1/2014 8:58	PAINT	1.74	mg / cm ^2	WALL	DRYWALL	A	INTACT	YELLOW	1195	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.88
329	5/1/2014 8:58	PAINT	1.16	mg / cm ^2	WALL	DRYWALL	B	INTACT	YELLOW	1195	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.24
330	5/1/2014 8:59	PAINT	2.88	mg / cm ^2	WALL	DRYWALL	B	INTACT	YELLOW	1195	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.78
331	5/1/2014 9:00	PAINT	1.15	mg / cm ^2	WALL	DRYWALL	D	INTACT	YELLOW	1195	FIRST	KITCHEN		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.41
332	5/1/2014 9:01	PAINT	2.88	mg / cm ^2	WALL	DRYWALL	B	INTACT	YELLOW	1195	FIRST	LIVING ROOM		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.6
333	5/1/2014 9:02	PAINT	1.73	mg / cm ^2	WALL	DRYWALL	C	INTACT	YELLOW	1195	FIRST	LIVING ROOM		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.24
334	5/1/2014 9:02	PAINT	1.73	mg / cm ^2	WALL	DRYWALL	D	INTACT	YELLOW	1195	FIRST	LIVING ROOM		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.97
335	5/1/2014 9:05	PAINT	1.15	mg / cm ^2	WALL	DRYWALL	A	INTACT	WHITE	1195	FIRST	BATHROOM		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.47
336	5/1/2014 9:05	PAINT	1.14	mg / cm ^2	WALL	DRYWALL	B	INTACT	WHITE	1195	FIRST	BATHROOM		Negative	1.97	1	< LOD	0.07	< LOD	0.07	< LOD	2.32
337	5/1/2014 9:06	PAINT	1.16	mg / cm ^2	WALL	DRYWALL	C	INTACT	WHITE	1195	FIRST	BATHROOM		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	2.36
338	5/1/2014 9:06	PAINT	2.88	mg / cm ^2	WALL	DRYWALL	D	INTACT	WHITE	1195	FIRST	BATHROOM		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.72
339	5/1/2014 9:08	PAINT	1.73	mg / cm ^2	WALL	DRYWALL	A	INTACT	dark yellow	1195	FIRST	BEDROOM		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.85
340	5/1/2014 9:08	PAINT	2.31	mg / cm ^2	WALL	DRYWALL	B	INTACT	dark yellow	1195	FIRST	BEDROOM		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.76
341	5/1/2014 9:08	PAINT	1.73	mg / cm ^2	WALL	DRYWALL	C	INTACT	dark yellow	1195	FIRST	BEDROOM		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.87
342	5/1/2014 9:09	PAINT	2.88	mg / cm ^2	WALL	DRYWALL	D	INTACT	dark yellow	1195	FIRST	BEDROOM		Negative	1	1	< LOD	0.03	< LOD	0.03	< LOD	1.5
2089	8/6/2014 8:32	PAINT	1.01	mg / cm ^2	WINDOW1	WOOD	A	INTACT	WHITE	1195	FIRST	KITCHEN	trim	Negative	1	1	0	0.02	0	0.02	-0.65	2.05
2090	8/6/2014 8:33	PAINT	1	mg / cm ^2	WINDOW1	WOOD	A	INTACT	WHITE	1195	FIRST	KITCHEN	sill	Negative	1	1	0	0.02	0	0.02	0.6	1.6
2091	8/6/2014 8:34	PAINT	1.01	mg / cm ^2	WINDOW1	WOOD	A	INTACT	WHITE	1195	FIRST	KITCHEN	well	Negative	1	1	0	0.02	0	0.02	0.4	2
2092	8/6/2014 8:35	PAINT	1.51	mg / cm ^2	CEILING	WOOD	UPPER	INTACT	WHITE	1195	FIRST	KITCHEN		Negative	1	1	0	0.02	0	0.02	-0.04	1.26
2093	8/6/2014 8:36	PAINT	1	mg / cm ^2	WINDOW	WOOD	B	INTACT	WHITE	1195	FIRST	KITCHEN	trim	Negative	1	1	0	0.02	0	0.02	0.6	1.8
2094	8/6/2014 8:36	PAINT	1.01	mg / cm ^2	WINDOW	WOOD	B	INTACT	WHITE	1195	FIRST	KITCHEN	sill	Negative	1	1	0	0.02	0	0.02	0.3	2.21
2095	8/6/2014 8:38	PAINT	1	mg / cm ^2	WINDOW20	WOOD	A	INTACT	WHITE	1195	FIRST	dining room	sill	Negative	1	1	0	0.02	0	0.02	0.16	1.75
2096	8/6/2014 8:38	PAINT	1	mg / cm ^2	WINDOW20	WOOD	A	INTACT	WHITE	1195	FIRST	dining room	trim	Negative	2.35	1	0.01	0.08	0.01	0.08	0.19	1.65
2097	8/6/2014 8:39	PAINT	1.5	mg / cm ^2	WINDOW19	WOOD	D	INTACT	WHITE	1195	FIRST	dining room	trim	Negative	1	1	0	0.02	0	0.02	0.3	1.11
2098	8/6/2014 8:39	PAINT	1.51	mg / cm ^2	WINDOW19	WOOD	D	INTACT	WHITE	1195	FIRST	dining room	sill	Negative	4.29	1	0.01	0.08	0.01	0.08	0.16	1.31
2099	8/6/2014 8:40	PAINT	2	mg / cm ^2	CEILING	WOOD	UPPER	INTACT	WHITE	1195	FIRST	dining room		Negative	1	1	0	0.02	0	0.02	-0.42	1.26
2100	8/6/2014 8:43	PAINT	1.5	mg / cm ^2	WINDOW17	WOOD	D	INTACT	WHITE	1195	FIRST	LIVING ROOM	trim	Negative	1	1	0	0.02	0	0.02	0.4	1
2101	8/6/2014 8:43	PAINT	1	mg / cm ^2	WINDOW17	WOOD	D	INTACT	WHITE	1195	FIRST	LIVING ROOM	sill	Negative	1	1	0	0.02	0	0.02	0.4	1.8
2102	8/6/2014 8:45	PAINT	2	mg / cm ^2	CEILING	WOOD	UPPER	INTACT	WHITE	1195	FIRST	LIVING ROOM		Negative	1	1	0	0.02	0	0.02	0.4	1.2
2103	8/6/2014 8:45	PAINT	1.49	mg / cm ^2	CLOSET1	WOOD	B	INTACT	WHITE	1195	FIRST	LIVING ROOM	trim	Negative	1	1	0	0.02	0	0.02	0.3	1.1
2104	8/6/2014 8:46	PAINT	1	mg / cm ^2	CLOSET1	WOOD	B	INTACT	WHITE	1195	FIRST	LIVING ROOM	door	Negative	1	1	0	0.02	0	0.02	-0.22	1.81
2105	8/6/2014 8:47	PAINT	1	mg / cm ^2	CLOSET2	WOOD	C	INTACT	WHITE	1195	FIRST	LIVING ROOM	door	Negative	1	1	0	0.03	0	0.03	0.13	1.7
2106	8/6/2014 8:48	PAINT	1	mg / cm ^2	CLOSET2	WOOD	C	INTACT	WHITE	1195	FIRST	LIVING ROOM	trim	Negative	1	1	0	0.02	0	0.02	0.22	1.65
2107	8/6/2014 8:48	PAINT	1	mg / cm ^2	CLOSET3	WOOD	B	INTACT	WHITE	1195	FIRST	LIVING ROOM	trim	Negative	1	1	0	0.02	0	0.02	0.12	1.59
2108	8/6/2014 8:48	PAINT	1.01	mg / cm ^2	CLOSET3	WOOD	B	INTACT	WHITE	1195	FIRST	LIVING ROOM	door	Negative	1	1	0	0.03	0	0.03	0.07	1.87
2109	8/6/2014 8:49	PAINT	1.01	mg / cm ^2	DOOR	WOOD	B	INTACT	WHITE	1195	FIRST	BATHROOM	door	Negative	1	1	0	0.02	0	0.02	0.4	1.8
2110	8/6/2014 8:50	PAINT	1	mg / cm ^2	DOOR	WOOD	B	INTACT	WHITE	1195	FIRST	BATHROOM	trim	Negative	1	1	0	0.02	0	0.02	-0.13	2.04
2111	8/6/2014 8:50	PAINT	2.01	mg / cm ^2	WINDOW5	WOOD	B	INTACT	WHITE	1195	FIRST	BATHROOM	trim	Negative	10	1	0.24	0.76	0.02	0.14	0.24	0.76
2112	8/6/2014 8:51	PAINT	1	mg / cm ^2	WINDOW5	WOOD	B	INTACT	WHITE	1195	FIRST	BATHROOM	casing	Negative	1	1	0	0.02	0	0.02	0.03	1.68
2113	8/6/2014 8:51	PAINT	1	mg / cm ^2	WINDOW5	WOOD	B	INTACT	WHITE	1195	FIRST	BATHROOM	sill	Negative	1	1	0	0.02	0	0.02	0.02	1.45
2114	8/6/2014 8:52	PAINT	1.51	mg / cm ^2	CEILING	WOOD	UPPER	INTACT	WHITE	1195	FIRST	BATHROOM		Negative	1	1	0	0.02	0	0.02	-0.18	1.37
2115	8/6/2014 8:54	PAINT	1.01	mg / cm ^2	DOOR	WOOD	A	INTACT	WHITE	1195	FIRST	BEDROOM	trim	Negative	1	1	0	0.02	0	0.02	0.4	1.6
2116	8/6/2014 8:54	PAINT	1	mg / cm ^2	DOOR	WOOD	A	INTACT	WHITE	1195	FIRST	BEDROOM	casing	Negative	1	1	0	0.02	0	0.02	-0.01	1.71
2117	8/6/2014 8:55	PAINT	1	mg / cm ^2	DOOR	WOOD	A	INTACT	WHITE	1195	FIRST	BEDROOM	door	Negative	1	1	0	0.02	0	0.02	0.4	1.8
2118	8/6/2014 8:56	PAINT	1	mg / cm ^2	WINDOW8	WOOD	A	INTACT	WHITE	1195	FIRST	BEDROOM	trim	Negative	1	1	0	0.02	0	0.02	0.5	2
2119	8/6/2014 8:56	PAINT	1.01	mg / cm ^2	WINDOW8	WOOD	A	INTACT	WHITE	1195	FIRST	BEDROOM	sill	Negative	1	1	0	0.02	0	0.02	0.4	1.7
2120	8/6/2014 8:57	PAINT	1	mg / cm ^2	WINDOW12	WOOD	A	INTACT	WHITE	1195	FIRST	BEDROOM	sill	Negative	1	1	0	0.03	0	0.03	0.28	1.54
2121	8/6/2014 8:57	PAINT	1	mg / cm ^2	WINDOW12	WOOD	A	INTACT	WHITE	1195	FIRST	BEDROOM	trim	Negative	1	1	0	0.03	0	0.03	0.5	1.4
2122	8/6/2014 8:58	PAINT	1.01	mg / cm ^2	WINDOW15	WOOD	A	INTACT	WHITE	1195	FIRST	BEDROOM	trim	Negative	1	1	0	0.02	0	0.02	0.4	1.8
2123	8/6/2014 8:58	PAINT	1.5	mg / cm ^2	WINDOW15	WOOD	A	INTACT	WHITE	1195	FIRST	BEDROOM	sill	Negative	1	1	0	0.02	0	0.02	0.09	0.92
2124	8/6/2014 8:59	PAINT	2	mg / cm ^2	CEILING	WOOD	UPPER	INTACT	WHITE	1195	FIRST	BEDROOM	sill	Negative	1.67	1	0	0.02	0	0.02	0.16	1.12
2125	8/6/2014 9:00	PAINT	1.01	mg / cm ^2	DOOR	WOOD	D	INTACT	WHITE	1195	FIRST	BEDROOM	trim	Negative	1	1	0	0.03	0	0.03	0.6	1.8
2126	8/6/2014 9:00	PAINT	1.49	mg / cm ^2	DOOR	WOOD	D	INTACT	WHITE	1195	FIRST	BEDROOM	door	Negative	1	1	0.02	0.04	0.02	0.04	0.3	1.03
2127	8/6/2014 9:01	PAINT	1.01	mg / cm ^2	DOOR	WOOD	A	INTACT	WHITE	1195	FIRST	KITCHEN	door	Negative	1	1	0	0.02	0	0.02	0	1.49
2128	8/6/2014 9:01	PAINT	1	mg / cm ^2	DOOR	WOOD	A	INTACT	WHITE	1195	FIRST	KITCHEN	trim	Negative	1	1	0	0.03	0	0.03	0.18	1.79
2129	**8/6/2014 9:13**	**PAINT**	**6.52**	**mg / cm ^2**	**WINDOW**	**WOOD**	**C**	**INTACT**	**GREEN**	**1195**	**FIRST**	**OUTSIDE**	**trim**	**Positive**	**9.94**	**1**	**1.5**	**0.5**	**1.6**	**0.5**	**1.5**	**0.5**
2130	**8/6/2014 9:13**	**PAINT**	**11.49**	**mg / cm ^2**	**WINDOW**	**WOOD**	**C**	**INTACT**	**GREEN**	**1195**	**FIRST**	**OUTSIDE**	**trim**	**Positive**	**10**	**1**	**1.4**	**0.4**	**0.7**	**0.3**	**1.4**	**0.4**
2131	8/6/2014 9:13	PAINT	1.01	mg / cm ^2	WINDOW	WOOD	C	INTACT	GREEN	1195	FIRST	OUTSIDE	sill	Negative	1	1	0	0.04	0	0.04	0.6	1.7
2132	8/6/2014 9:14	PAINT	1	mg / cm ^2	WINDOW	WOOD	C	INTACT	GREEN	1195	FIRST	OUTSIDE	sill	Negative	1	1	0	0.02	0	0.02	0.08	1.53
2134	8/6/2014 9:15	PAINT	1	mg / cm ^2	roof	WOOD	C	INTACT	GREEN	1195	FIRST	OUTSIDE	trim	Negative	3.99	1	0.07	0.3	0.07	0.3	0.27	1.79
2135	8/6/2014 9:16	PAINT	1	mg / cm ^2	roof	WOOD	C	INTACT	GREEN	1195	FIRST	OUTSIDE	soffit	Negative	2.06	1	0.4	0.5	0.4	0.5	0.4	1.9
2137	**8/6/2014 9:17**	**PAINT**	**20**	**mg / cm ^2**	**roof**	**WOOD**	**C**	**INTACT**	**GREEN**	**1195**	**FIRST**	**OUTSIDE**	**soffit**	**Positive**	**4.62**	**1**	**1.1**	**0.1**	**1.1**	**0.1**	**1**	**0.2**
2138	8/6/2014 9:18	PAINT	2.5	mg / cm ^2	WALL	WOOD	A	INTACT	WHITE	1195	FIRST	OUTSIDE	soffit	Negative	1	1	0	0.02	0	0.02	0.19	0.75
2139	8/6/2014 9:19	PAINT	2.02	mg / cm ^2	WALL	WOOD	B	INTACT	WHITE	1195	FIRST	OUTSIDE	soffit	Negative	1	1	0	0.02	0	0.02	0.15	0.85
2140	8/6/2014 9:20	PAINT	2.51	mg / cm ^2	WALL	WOOD	C	INTACT	WHITE	1195	FIRST	OUTSIDE	soffit	Negative	1	1	0	0.02	0	0.02	0.07	0.79
2141	8/6/2014 9:20	PAINT	1.51	mg / cm ^2	WALL	WOOD	D	INTACT	WHITE	1195	FIRST	OUTSIDE	soffit	Negative	1	1	0	0.02	0	0.02	-0.12	1.09
2142	8/6/2014 9:21	PAINT	1	mg / cm ^2	porch railing	WOOD	A	CRACKED	GREEN	1195	FIRST	OUTSIDE		Negative	1	1	0	0.03	0	0.03	0.21	2.05
2143	8/6/2014 9:21	PAINT	1.01	mg / cm ^2	porch railing	WOOD	A	CRACKED	GREEN	1195	FIRST	OUTSIDE		Negative	1	1	0	0.02	0	0.02	0.4	1.7
2144	8/6/2014 9:22	PAINT	1	mg / cm ^2	porch railing	WOOD	A	CRACKED	GREEN	1195	FIRST	OUTSIDE		Negative	1	1	0	0.03	0	0.03	0.9	1.4
2145	8/6/2014 9:23	PAINT	1	mg / cm ^2	porch rods	WOOD	A	CRACKED	WHITE	1195	FIRST	OUTSIDE		Negative	1	1	0	0.02	0	0.02	0.3	1.74
2146	8/6/2014 9:24	PAINT	3.49	mg / cm ^2	porch step	CONCRETE	A	CRACKED	WHITE	1195	FIRST	OUTSIDE		Negative	1	1	0	0.02	0	0.02	0.7	0.8
2147	8/6/2014 9:28	PAINT	2.01	mg / cm ^2	WINDOW	WOOD	B	INTACT	GREEN	1195	FIRST	OUTSIDE	trim	Negative	7.36	1	0.23	0.42	0.23	0.42	0.25	0.97
2149	**8/6/2014 9:28**	**PAINT**	**4.5**	**mg / cm ^2**	**WINDOW**	**WOOD**	**B**	**INTACT**	**GREEN**	**1195**	**FIRST**	**OUTSIDE**	**trim**	**Positive**	**10**	**1**	**1.8**	**0.7**	**1.6**	**0.7**	**1.8**	**0.7**
2150	**8/6/2014 9:29**	**PAINT**	**5.01**	**mg / cm ^2**	**WINDOW**	**WOOD**	**D**	**INTACT**	**GREEN**	**1195**	**FIRST**	**OUTSIDE**	**trim**	**Positive**	**2.92**	**1**	**1.3**	**0.3**	**1.3**	**0.3**	**1.3**	**0.5**
2151	**8/6/2014 9:29**	**PAINT**	**3.01**	**mg / cm ^2**	**WINDOW**	**WOOD**	**D**	**INTACT**	**GREEN**	**1195**	**FIRST**	**OUTSIDE**	**trim**	**Positive**	**3.08**	**1**	**1.6**	**0.6**	**1.6**	**0.6**	**1.8**	**1.1**
2152	8/6/2014 9:29	PAINT	1.01	mg / cm ^2	WINDOW	WOOD	B	INTACT	GREEN	1195	FIRST	OUTSIDE	sill	Negative	1	1	0	0.03	0	0.03	0.18	1.56
2153	8/6/2014 9:30	PAINT	1	mg / cm ^2	WINDOW	WOOD	D	INTACT	GREEN	1195	FIRST	OUTSIDE	sill	Negative	1.43	1	0.01	0.07	0.01	0.07	0.06	1.55
2154	8/6/2014 9:31	PAINT	4.53	mg / cm ^2	roof	WOOD	D	INTACT	GREEN	1195	FIRST	OUTSIDE	soffit	Negative	4.67	1	0.7	0.3	0.7	0.3	0.7	0.5
2159	**8/6/2014 9:48**	**PAINT**	**1.49**	**mg / cm ^2**	**gable**	**WOOD**	**A**	**PEELING**	**BLUE**	**1195**		**OUTSIDE**		**Positive**	**2.43**	**1**	**4.3**	**2.6**	**0.9**	**0.5**	**4.3**	**2.6**

Notes:

"Side" corresponds to location of material as depicted in Figure 2

Total lead is based on the PbC column.

NEPA ENVIRONMENTAL REVIEW
LEAD RISK ASSESSMENT
FORM 5.0 - RESIDENT QUESTIONNAIRE

Site Address: 5 Park Lane Norwalk, CT
Site ID: 1195

Children/Children's Habits

1. (a) Do you have any children that live in your home? Yes [X] No [ ]
   (b) If yes, how many? 1 Ages? 13 Part time
   (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
Patrick	C side	Kitchen	Living Room	Throughout

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 [X]

Family Use Patterns

5. Which entrances are used most frequently? A side (through Kitchen)
6. Which window are opened most frequently? Screen Door (A side) & Windows (C side)
7. Do you use window air conditioners? If yes, where? No
8. (a) Do any household members engage in gardening? Yes [X] No [ ]
   (b) Record the location of any vegetable garden. Side of house (D) & C side
   (c) Are you planning any landscaping activities that will remove grass or ground covering? Yes [ ] No [X]
9. (a) How often is the housing unit cleaned? 1/Week
   (b) What cleaning methods do you use? General
10. (a) Did you recently complete any building renovations? Yes X No _____
    (b) If yes, where? Throughout 1987
    (c) Was building debris stored in the yard? If yes, where? No
11. Are you planning any building renovations? If yes, where? No

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

Site Address: 5 Park Lane, Norwalk, CT
Site ID: 1195

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
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*	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:

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: 1195
Name of Risk Assessor Brian Sirowich
Name of Property Owner Emmett Ryan
Property Address 5 Park Lane, Norwalk, CT Apt. No. _____

Sampling Protocol _____ All Dwellings __X__ 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 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)
1	Porch	Wood railing	0
2	Porch	Wood railing	0
3	Porch	Wood railing	0
4	Porch	Wood rod spindles	0
5	Porch	Concrete step	0
6	Gable	Side wood	4.3
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 6
Page 1 of 1
Date of Data Collection 8/6/14

Notes:

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: 1195
Name of Risk Assessor Brian Sirowich
Name of Property Owner Emmett Ryan
Property Address 5 Park Lane, Norwalk, CT 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 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 ($\mu g/ft^2$)
W-1	Kitchen Entrance	Carpet	No/Yes	12 x 12	1	1.6
W-2	Bedroom Door	Wood	Yes	12 x 12	1	ND

[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 2
Page 1 of 1
Date of Sample Collection 8/6 Date Shipped to Lab 8/7

Shipped by __ See Chain of Custody X Received by __ See Chain of Custody X
(Signature) (Signature)

TRITON ENVIRONMENTAL, INC.
Environmental Consulting & Engineering

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

Site ID: 1195
Name of Risk Assessor Brian Sirowich
Name of Property Owner Emmett Ryan
Property Address 5 Park Lane, Norwalk, CT Apt. No. ____

Sample No.	Location	Bare or Covered?	Lab Result (ug/g)
SS-B	B side Dripline (Garden)	Covered	370
SS-C	C side Dripline	"	1200
SS-D	D Side Dripline	"	110
SS-1	Garden Area 1	"	59
SS-2	" " 2	"	83
SS-3	" " 3	"	76
SS-4	" " 4	"	47
SS-5	" " 5	"	23
SS-6	" " 6	"	51
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 9
Page 1 of 1
Date of Sample Collection 8/6 Date Shipped to Lab 8/7

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 – August 2014

Site # 1195 – 5 Park Lane, Norwalk, CT

Sample ID	HA	Material	Quantity	Condition	Location
11951-11953	1	Sheetrock walls	3000 SF	Good	Throughout
11954	2	Fiberglass insulation (crawlspace)	500 SF	Poor	Crawlspace
11955	3	White caulk on C side window	15	Good	Exterior
11956-11958	4	Roof shingles	1,000 SF	Good	Roof
11959-119511	5	Roof paper	1,000 SF	Good	Roof
119512-119514	6	Rubber membrane roof	150 SF	Good	Roof
119515	7	While caulk on AC unit	12 LF	Good	Roof
119516-119518	8	Fiber board beneath siding	1,500 SF	Good	Exterior
119519-119521	9	12” blue ceramic floor tile and mastic	50 SF	Good	Bathroom
119522-119524	10	6” ceramic tile shower	50 SF	Good	Bathroom
119525-119527	11	12” ceramic tile floor	100 SF	Good	Kitchen
119528-119530	12	4” tan ceramic tile backsplash	50 SF	Good	Kitchen

Notes:
SF = Square Feet
HA = Homogeneous Area
*Not sampled at the request of the homeowner (interior of home renovated in 1998)

Appendix E

Laboratory Analytical Data

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

EMSL Order:	041412071
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:	5/8/2014
Collected:	5/1/2014

Project: **104318 / Site #1195 / 5 Bank 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**
11951 *041412071-0001*	Through Out 1st Floor - Sheetrock Walls + Ceiling	Brown/Gray Fibrous Homogeneous	15% 2%	Cellulose Glass	83%	Non-fibrous (other)	**None Detected**
11952-Drywall *041412071-0002*	Through Out 1st Floor - Sheetrock Walls + Ceiling	Brown/Gray Fibrous Homogeneous	15% 2%	Cellulose Glass	83%	Non-fibrous (other)	**None Detected**
11952-Texture *041412071-0002A*	Through Out 1st Floor - Sheetrock Walls + Ceiling	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
11953-Drywall *041412071-0003*	Through Out 1st Floor - Sheetrock Walls + Ceiling	Brown/White Fibrous Homogeneous	15%	Cellulose	85%	Non-fibrous (other)	**None Detected**
11953-Joint Compound *041412071-0003A*	Through Out 1st Floor - Sheetrock Walls + Ceiling	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
11954 *041412071-0004*	Through Out 1st Floor - Insulation	Brown/Pink Fibrous Homogeneous	30% 65%	Cellulose Glass	5%	Non-fibrous (other)	**None Detected**

Analyst(s)

Andrew Castellano (4)
Brittany Brown (2)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Initial report from 05/08/2014 10:55:07

OrderID: 041412071

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Bulk Building Material Chain of Custody

EMSL Order Number (Lab Use Only): 041412071

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**
Street: 385 Church Street Suite 201	*Third Party Billing requires written authorization from third party*
City: Guilford **State/Province:** CT	**Zip/Postal Code:** 06437 **Country:** United States
Report To (Name): Brian Sirowich	**Telephone #:** 203-458-7200
Email Address: bsirowich@tritonenvironmental.com	**Fax #:** 203-458-7201 **Purchase Order:**
Project Name/Number: 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)

☒ PLM EPA 600/R-93/116 (<1%)
☐ PLM EPA NOB (<1%)
Point Count ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
Point Count w/Gravimetric ☐ 400 (<0.25%) ☐ 1000 (<0.1%)
☐ NIOSH 9002 (<1%)
☐ NY ELAP Method 198.1 (friable in NY)
☐ NY ELAP Method 198.6 NOB (non-friable-NY)
☐ OSHA ID-191 Modified
☐ Standard Addition Method

TEM – Bulk

☐ TEM EPA NOB – EPA 600/R-93/116 Section 2.5.5.1
☐ NY ELAP Method 198.4 (TEM)
☐ Chatfield Protocol (semi-quantitative)
☐ TEM % by Mass – EPA 600/R-93/116 Section 2.5.5.2
☐ TEM Qualitative via Filtration Prep Technique
☐ TEM Qualitative via Drop Mount Prep Technique

Other

☐

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

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

Sample #	HA #	~~Material Description~~ Sample Location	~~Sample Location~~ Material Description
11951–	1	Sheetrock walls &	Throughout 1st Floor
11953	1	Ceiling	
11954		Insulation	

Client Sample # (s): 11951 - 11953 **Total # of Samples:** 3 min.

Relinquished (Client): [signature] **Date:** 5/1/14 **Time:** 14:00

Received (Lab): K. Wallen **Date:** 5/2/14 **Time:** 9:30am

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

Site # 11195
5 Bank ST Norwalk CT

RECEIVED
EMSL
CINNAMINSON, N.J.
2014 MAY -2 A 9:39

Page 1 of 1 pages

Received 1 extra Samples not on the COC

Per Brian Analyze Extra sAmple
11954

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:	041423042
CustomerID:	TRIT52
CustomerPO:	
ProjectID:	

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

Phone:	(203) 458-7200
Fax:	(203) 458-7201
Received:	08/08/14 9:40 AM
Analysis Date:	8/13/2014
Collected:	8/6/2014

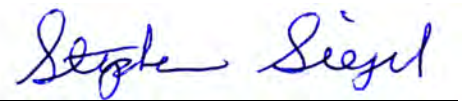
Project: **104318.11 / 5 Park Lane, Norwalk, CT**

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**
11955 *041423042-0001*	Side Window - White Caulk	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
11956 *041423042-0002*	- Roof Shingles	White/Black Fibrous Homogeneous	20%	Glass	80%	Non-fibrous (other)	**None Detected**
11957 *041423042-0003*	- Roof Shingles	Black Fibrous Homogeneous	20%	Glass	80%	Non-fibrous (other)	**None Detected**
11958 *041423042-0004*	- Roof Shingles	Black Fibrous Homogeneous	15%	Glass	85%	Non-fibrous (other)	**None Detected**
11959 *041423042-0005*	- Roof Paper	Black Fibrous Homogeneous	60%	Cellulose	40%	Non-fibrous (other)	**None Detected**
119510 *041423042-0006*	- Roof Paper	Black Fibrous Homogeneous	60%	Cellulose	40%	Non-fibrous (other)	**None Detected**
119511 *041423042-0007*	- Roof Paper	Black Fibrous Homogeneous	50%	Cellulose	50%	Non-fibrous (other)	**None Detected**
119512 *041423042-0008*	- Rubber Membrane Roof	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

Analyst(s)

Michael Garrity (20)
Thomas Schwab (9)



Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Initial report from 08/13/2014 19:27:03

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:	041423042
CustomerID:	TRIT52
CustomerPO:	
ProjectID:	

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

Phone:	(203) 458-7200
Fax:	(203) 458-7201
Received:	08/08/14 9:40 AM
Analysis Date:	8/13/2014
Collected:	8/6/2014

Project: **104318.11 / 5 Park Lane, 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**
119513 *041423042-0009*	- Rubber Membrane Roof	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
119514 *041423042-0010*	- Rubber Membrane Roof	Black Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
119515 *041423042-0011*	A Unit - White Caulk	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
119516 *041423042-0012*	- Fiber Board Beneath Siding	Brown Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
119517 *041423042-0013*	- Fiber Board Beneath Siding	Brown Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
119518 *041423042-0014*	- Fiber Board Beneath Siding	Brown Fibrous Homogeneous	97%	Cellulose	3%	Non-fibrous (other)	**None Detected**
119519 *041423042-0015*	- 12" Ceramic Floor Tile	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**
119520 *041423042-0016*	- 12" Ceramic Floor Tile	White Non-Fibrous Homogeneous			100%	Non-fibrous (other)	**None Detected**

Analyst(s)

Michael Garrity (20)
Thomas Schwab (9)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Initial report from 08/13/2014 19:27:03

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:	041423042
CustomerID:	TRIT52
CustomerPO:	
ProjectID:	

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

Phone:	(203) 458-7200
Fax:	(203) 458-7201
Received:	08/08/14 9:40 AM
Analysis Date:	8/13/2014
Collected:	8/6/2014

Project: **104318.11 / 5 Park Lane, 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**
119521 *041423042-0017*	- 12" Ceramic Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119522 *041423042-0018*	- 6" Ceramic Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119523 *041423042-0019*	- 6" Ceramic Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119524 *041423042-0020*	- 6" Ceramic Floor Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119525 *041423042-0021*	- 12" Blue Ceramic Floor Tile	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119526 *041423042-0022*	- 12" Blue Ceramic Floor Tile	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119527 *041423042-0023*	- 12" Blue Ceramic Floor Tile	Blue Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119528-Ceramic Tile *041423042-0024*	- 4" Ceramic Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Michael Garrity (20)
Thomas Schwab (9)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Initial report from 08/13/2014 19:27:03

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:	041423042
CustomerID:	TRIT52
CustomerPO:	
ProjectID:	

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

Phone:	(203) 458-7200
Fax:	(203) 458-7201
Received:	08/08/14 9:40 AM
Analysis Date:	8/13/2014
Collected:	8/6/2014

Project: **104318.11 / 5 Park Lane, 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**
119528-Adhesive *041423042-0024A*	- 4" Ceramic Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119529-Ceramic Tile *041423042-0025*	- 4" Ceramic Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119529-Adhesive *041423042-0025A*	- 4" Ceramic Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119530-Ceramic Tile *041423042-0026*	- 4" Ceramic Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**
119530-Adhesive *041423042-0026A*	- 4" Ceramic Tile	White Non-Fibrous Homogeneous		100% Non-fibrous (other)	**None Detected**

Analyst(s)

Michael Garrity (20)
Thomas Schwab (9)

Stephen Siegel, CIH, Laboratory Manager
or other approved signatory

Initial report from 08/13/2014 19:27:03

OrderID: 041423042

EMSL Analytical, Inc.
200 Route 130 North
Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

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EMSL
CINNAMINSON
2014 AUG -8 A 10:22

Asbestos Chain of Custody

EMSL Order Number (*Lab Use Only*): 041423042

Company: Triton Environmental, Inc.		**EMSL-Bill to:** ☐ Different ☑ Same If Bill to is Different note instructions in Comments**	
Street: 385 Church Street Suite 201		*Third Party Billing requires written authorization from third party*	
City: Guilford	**State/Province:** CT	**Zip/Postal Code:** 06437	**Country:** United States
Report To (Name): Brian Sirowich		**Telephone #:** 203-458-7200	
Email Address: bsirowich@tritonenvironmental.com		**Fax #:** 203-458-7201	**Purchase Order:**
Project Name/Number: 10318.11		**Please Provide Results:** ☐ FAX ☑ E-mail ☐ Mail	
U.S. State Samples Taken: CT		**Connecticut Samples:** ☐ Commercial ■ Residential	

Turnaround Time (TAT) Options* – Please Check

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

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

PCM - Air ☐ Check if samples are from NY
☐ NIOSH 7400
☐ w/ OSHA 8hr. TWA

PLM - Bulk (reporting limit)
■ PLM EPA 600/R-93/116 (<1%)
☐ PLM EPA NOB (<1%)
Point Count
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
Point Count w/Gravimetric
☐ 400 (<0.25%) ☐ 1000 (<0.1%)
☐ NYS 198.1 (friable in NY)
☐ NYS 198.6 NOB (non-friable-NY)
☐ NIOSH 9002 (<1%)

TEM – Air ☐ **4-4.5hr TAT (AHERA only)**
☐ AHERA 40 CFR, Part 763
☐ NIOSH 7402
☐ EPA Level II
☐ ISO 10312

TEM - Bulk
☐ TEM EPA NOB
☐ NYS NOB 198.4 (non-friable-NY)
☐ Chatfield SOP
☐ TEM Mass Analysis-EPA 600 sec. 2.5

TEM – Water: EPA 100.2
Fibers >10µm ☐ Waste ☐ Drinking
All Fiber Sizes ☐ Waste ☐ Drinking

TEM- Dust
☐ Microvac - ASTM D 5755
☐ Wipe - ASTM D6480
☐ Carpet Sonication (EPA 600/J-93/167)

Soil/Rock/Vermiculite
☐ PLM CARB 435 - A (0.25% sensitivity)
☐ PLM CARB 435 - B (0.1% sensitivity)
☐ TEM CARB 435 - B (0.1% sensitivity)
☐ TEM CARB 435 - C (0.01% sensitivity)
☐ TEM Qual. via Filtration Technique
☐ TEM Qual. via Drop-Mount Technique

Other:
☐

☐ **Check For Positive Stop – Clearly Identify Homogenous Group** | **Filter Pore Size (Air Samples):** ☐ 0.8µm ☐ 0.45µm

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

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
11955	White caulk C side window	7	8/6
11956 - 11958	Roof Shingles	8	
11959 - 11961	Roof Paper	9	
11962 - 11964	Rubber Membrane Roof	10	
11965	White caulk AC unit	11	
11966 - 11968	Fiber Board beneath siding	12	
11969 - 11971	12" Ceramic Floor Tile	4	
11972 - 11974	6" Ceramic Tile	5	

Client Sample # (s): 11955 - 11530 | **Total # of Samples:** ~~25~~ 26

Relinquished (Client): | **Date:** 8/7 | **Time:** 12:00

Received (Lab): | **Date:** 8/8/14 | **Time:** 9:40

Comments/Special Instructions:
5 Park Lane, Norwalk, CT

OrderID: 041423042

EMSL ANALYTICAL, INC.
LABORATORY • PRODUCTS • TRAINING

Asbestos Chain of Custody

EMSL Order Number *(Lab Use Only)*:

041423042

EMSL Analytical, Inc.
200 Route 130 North

Cinnaminson, NJ 08077
PHONE: 1-800-220-3675
FAX: (856) 786-5974

Additional Pages of the Chain of Custody are only necessary if needed for additional sample information

Sample #	Sample Description	Volume/Area (Air) HA # (Bulk)	Date/Time Sampled
119525-119537	12" Blue ceramic floor Tile	2	8/6
119538-119530	4" ceramic Tile	3	8/6

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EMSL
CINNAMINSON, NJ
2014 AUG -8 A 10: 22

***Comments/Special Instructions:**

Page 2 of 2 pages

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:	381402304
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 4:30 PM
Analysis Date:	5/10/2014
Collected:	5/1/2014

Project: **5 Park Lane**

Test Site: **1195**
5 Park Lane
Norwalk, CT 06854

Test Report: Radon in Air Test Results

Samples for EMSL Kit 97819

Liquid Scintillation ID	Location	Radon Activity pCi/L	Start	Stop	Temperature F	Humidity %	Sample Type
164828	First Floor - Living Room (TV Stand)	0.6	5/1/2014 9:30:00 AM	5/5/2014 8:22:00 AM	68	40	Customer
381402304-0001							
Sample Notes:							
164837	First Floor - Living Room (TV Stand)	0.5	5/1/2014 9:30:00 AM	5/5/2014 8:22:00 AM	68	40	Customer
381402304-0002							
Sample Notes:							
Summary for EMSL kit 97819			**Average Radon Result:**	**0.6 pCi/L**			

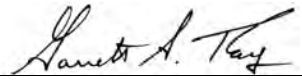
The results indicate that both testing devices registered below the United States Environmental Protection Agency (EPA) action level of 4.0 picoCuries per liter of air (pCi/L). The EPA recommends fixing your home if the average of two short-term tests taken in the lowest lived-in level of the home show 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 11:51:13

Please visit www.radontestinglab.com

OrderID: 041412071

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

3814023O4

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EMSL
CINNAMINSON, N.J.
2014 MAY -9 P 4:26

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

TRIT57
5day

Radon In Air Data Sheet

Send Written Report To:

Name Dave Vasiliou
Address 385 Church Street
City Guilford State CT Zip 06437
Phone 203.458.7200 Fax 203.458.7201
Email dvasilia@tritonenvironmental.com
Technician Name Mark Paulsson
Technician Certification #
Technician Signature MP

1ST RED VIAL # 164828

LOCATION

☐ Basement ☑ First Floor ☐ Bedroom ☐ Den
☑ Living Room ☐ Other
☑ Location in Room TV stand

2ND RED VIAL # 164837
(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 # 97819 (Outside of Box)

Property Tested:

Name 1195
Address 5 Park Lane
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 MP

INDOOR CONDITIONS

Temperature 68 °F Humidity 40 %

EXPOSURE PERIOD

Beginning Date: 5 / 1 / 2014
Time: 9:30 (AM) / PM (Circle)

Ending Date: 5 / 5 / 2014
Time: 8:22 (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. Brian Sirowich
Triton Environmental
385 Church St.
Guilford, CT 06437

Analytical Report

CET# 4080155

Report Date: August 13, 2014
Project: 104318.11 (1195)
Project Number: 104318.11

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 3.1°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
1195-DEMO	4080155-01	Solid	8/06/2014 10:00	08/07/2014
PCB-1	4080155-02	Caulk	8/06/2014 10:30	08/07/2014
PCB-2	4080155-03	Caulk	8/06/2014 11:00	08/07/2014

Analyte: TCLP Lead [EPA 6020A] **Analyst: SS**

Prep: EPA 3005A-1311 **Matrix: Extract**

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4080155-01	1195-DEMO	**0.081**	0.013	mg/L	1	B4H1224	08/12/2014	08/12/2014 16:26	

Client Sample ID PCB-1
Lab ID: 4080155-02

PCBs by Soxhlet **Analyst: CA**

Method: EPA 8082A **Matrix: Caulk**

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	B4H0711	08/07/2014	08/09/2014 05:40	
PCB-1221	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:40	
PCB-1232	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:40	
PCB-1242	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:40	
PCB-1248	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:40	
PCB-1254	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:40	
PCB-1260	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:40	
PCB-1268	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:40	
PCB-1262	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:40	
Surrogate: TCMX	*52.0 %*	*50 - 150*			B4H0711	08/07/2014	*08/09/2014 05:40*	
Surrogate: DCB	*70.0 %*	*50 - 150*			B4H0711	08/07/2014	*08/09/2014 05:40*	

Client Sample ID PCB-2
Lab ID: 4080155-03

PCBs by Soxhlet **Analyst: CA**

Method: EPA 8082A **Matrix: Caulk**

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	B4H0711	08/07/2014	08/09/2014 05:58	
PCB-1221	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:58	
PCB-1232	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:58	
PCB-1242	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:58	
PCB-1248	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:58	
PCB-1254	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:58	
PCB-1260	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:58	
PCB-1268	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:58	
PCB-1262	ND	0.80	4	EPA 3540C	B4H0711	08/07/2014	08/09/2014 05:58	
Surrogate: TCMX	*102 %*	*50 - 150*			B4H0711	08/07/2014	*08/09/2014 05:58*	
Surrogate: DCB	*125 %*	*50 - 150*			B4H0711	08/07/2014	*08/09/2014 05:58*	

QUALITY CONTROL SECTION

Batch B4H0711 - 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 (B4H0711-BLK1)					Prepared: 8/7/2014 Analyzed: 8/9/2014				
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					*92.4*	*50 - 150*			
Surrogate: DCB					*111*	*50 - 150*			
LCS (B4H0711-BS1)					Prepared: 8/7/2014 Analyzed: 8/9/2014				
PCB-1016	0.846	0.20	1.000		84.6	50 - 150			
PCB-1260	0.911	0.20	1.000		91.1	50 - 150			
Surrogate: TCMX					*92.8*	*50 - 150*			
Surrogate: DCB					*110*	*50 - 150*			

CET #:4080155
Project: 104318.11 (1195)
Project Number: 104318.11

Batch B4H1224 - EPA 6020A

Analyte	Result (mg/L)	RL (mg/L)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4H1224-BLK1)					Prepared: 8/12/2014 Analyzed: 8/12/2014				
Lead	ND	0.013							
LCS (B4H1224-BS1)					Prepared: 8/12/2014 Analyzed: 8/12/2014				
Lead	0.201	0.013	0.200		101	80 - 120			
Duplicate (B4H1224-DUP1)		**Source: 4080155-01**			Prepared: 8/12/2014 Analyzed: 8/12/2014				
Lead	0.0803	0.013		0.0806			0.396	20	
Matrix Spike (B4H1224-MS1)		**Source: 4080155-01**			Prepared: 8/12/2014 Analyzed: 8/12/2014				
Lead	0.282	0.013	0.200	0.0806	101	75 - 125			
Matrix Spike Dup (B4H1224-MSD1)		**Source: 4080155-01**			Prepared: 8/12/2014 Analyzed: 8/12/2014				
Lead	0.286	0.013	0.200	0.0806	103	75 - 125	1.60	20	

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

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 Homogenity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

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

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

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

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

4080155

CHAIN OF 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)

Turnaround Time ** (check one)

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs (Solid)	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL	TCLP (Lead)	SPLP	Field Filtered	Lab To Filter	Additional Analysis	TOTAL # OF CONT.	NOTE #
1195-Demo	8/6 10:00	Other				X													X					1	
PCB-1	↓ 10:30	↓				X							X											1	
PCB-2	↓ 11:00	↓				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)																								3	
Soil VOCs Only (M=MeOH B=Sodium Bisulfate W=Water F=Empty Vial E=Encore)																									

RELINQUISHED BY:	DATE/TIME	RECEIVED BY:
[signature]	8/7/14 10:50	[signature]
[signature]	8/7/14 11:30	[signature]

NOTES:
PCB-1 – white caulk (side window) 5. Lot #1195
PCB-2 white caulk (Roof) AC unit.

Client / Reporting Information

Company Name: Triton Env. Inc.

Address: 385 Church ST Guilford CT

City: Brian Sirowich State: bsirowich@... Zip:

Report To: E-mail:

Phone #: 203-458-7200 Fax #: 203-458-7201

Project Information

Project Contact: Brian S PO #: 104318.11

Project: 5 Park Lane Project #: 104318.11

Location: Norwalk CT Collector(s): Brian/Craig

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 3.1 °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: cetl@cetlabs.com

COMPLETE ENVIRONMENTAL TESTING, INC.

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

Analytical Report
CET# 4080154

Report Date: August 18, 2014
Project: 104318.11 (1195)
Project Number: 104318.11

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 3.7°C.

This report contains analytical data associated with following samples only.

Sample ID	Laboratory ID	Matrix	Collection Date/Time	Receipt Date
SS-B	4080154-01	Soil	8/06/2014 10:00	08/07/2014
SS-C	4080154-02	Soil	8/06/2014 10:15	08/07/2014
SS-D	4080154-03	Soil	8/06/2014 10:30	08/07/2014
SS-1	4080154-04	Soil	8/06/2014 10:45	08/07/2014
SS-2	4080154-05	Soil	8/06/2014 11:00	08/07/2014
SS-3	4080154-06	Soil	8/06/2014 11:15	08/07/2014
SS-4	4080154-07	Soil	8/06/2014 11:30	08/07/2014
SS-5	4080154-08	Soil	8/06/2014 11:45	08/07/2014
SS-6	4080154-09	Soil	8/06/2014 12:00	08/07/2014
W-1	4080154-10	Wipe	8/06/2014 9:00	08/07/2014
W-2	4080154-11	Wipe	8/06/2014 9:10	08/07/2014

Analyte: Total Solids [EPA 160.3 modified] **Analyst: DH**

Matrix: Soil

Laboratory ID	Client Sample ID	Result	RL	Units	Dilution	Batch	Prepared	Date/Time Analyzed	Notes
4080154-01	SS-B	**71**	1.0	%	1	B4H1528	08/15/2014	08/15/2014 14:56	
4080154-02	SS-C	**90**	1.0	%	1	B4H1528	08/15/2014	08/15/2014 14:56	
4080154-03	SS-D	**73**	1.0	%	1	B4H1528	08/15/2014	08/15/2014 14:56	
4080154-04	SS-1	**69**	1.0	%	1	B4H1528	08/15/2014	08/15/2014 14:56	
4080154-05	SS-2	**95**	1.0	%	1	B4H1528	08/15/2014	08/15/2014 14:56	
4080154-06	SS-3	**93**	1.0	%	1	B4H1528	08/15/2014	08/15/2014 14:56	
4080154-07	SS-4	**49**	1.0	%	1	B4H1528	08/15/2014	08/15/2014 14:56	
4080154-08	SS-5	**60**	1.0	%	1	B4H1528	08/15/2014	08/15/2014 14:56	
4080154-09	SS-6	**87**	1.0	%	1	B4H1528	08/15/2014	08/15/2014 14:56	

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
4080154-01	SS-B	**370**	2.8	mg/kg dry	1	B4H1213	08/12/2014	08/12/2014 18:24	
4080154-02	SS-C	**1200**	2.2	mg/kg dry	1	B4H1213	08/12/2014	08/12/2014 18:28	
4080154-03	SS-D	**110**	2.7	mg/kg dry	1	B4H1213	08/12/2014	08/12/2014 18:44	
4080154-04	SS-1	**59**	2.9	mg/kg dry	1	B4H1213	08/12/2014	08/12/2014 18:48	
4080154-05	SS-2	**83**	2.1	mg/kg dry	1	B4H1213	08/12/2014	08/12/2014 18:53	
4080154-06	SS-3	**76**	2.1	mg/kg dry	1	B4H1213	08/12/2014	08/12/2014 18:58	
4080154-07	SS-4	**47**	4.0	mg/kg dry	1	B4H1213	08/12/2014	08/12/2014 19:03	
4080154-08	SS-5	**23**	3.3	mg/kg dry	1	B4H1213	08/12/2014	08/12/2014 19:07	
4080154-09	SS-6	**51**	2.3	mg/kg dry	1	B4H1217	08/12/2014	08/12/2014 21:37	

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
4080154-10	W-1	**1.6**	1.0	ug	1	B4H1308	08/13/2014	08/13/2014 15:36	
4080154-11	W-2	ND	1.0	ug	1	B4H1308	08/13/2014	08/13/2014 15:41	

QUALITY CONTROL SECTION

Batch B4H1213 - EPA 6010C

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4H1213-BLK1)					Prepared: 8/12/2014 Analyzed: 8/12/2014				
Lead	ND	2.0							
LCS (B4H1213-BS1)					Prepared: 8/12/2014 Analyzed: 8/12/2014				
Lead	25.5	2.0	25.000		102	80 - 120			

CET #:4080154
Project: 104318.11 (1195)
Project Number: 104318.11

Batch B4H1217 - EPA 6010C

Analyte	Result (mg/kg)	RL (mg/kg)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4H1217-BLK1)					Prepared: 8/12/2014 Analyzed: 8/12/2014				
Lead	ND	2.0							
LCS (B4H1217-BS1)					Prepared: 8/12/2014 Analyzed: 8/12/2014				
Lead	26.0	2.0	25.000		104	80 - 120			

CET #:4080154
Project: 104318.11 (1195)
Project Number: 104318.11

Batch B4H1308 - EPA 6010C

Analyte	Result (ug)	RL (ug)	Spike Level	Source Result	% Rec	% Rec Limits	RPD	RPD Limit	Notes
Blank (B4H1308-BLK1)						Prepared: 8/13/2014 Analyzed: 8/13/2014			
Lead	ND	1.0							

80 Lupes Drive
Stratford, CT 06615

COMPLETE ENVIRONMENTAL TESTING, INC.

Tel: (203) 377-9984
Fax: (203) 377-9952
email: cetl@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.

Connecticut Laboratory Certification PH0116
Massachussets Laboratory Certification M-CT903

New York Certification 11982
Rhode Island Certification 199

CET #:4080154
Project: 104318.11 (1195)
Project Number: 104318.11

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 Homogenity may be a problem.
+- The Surrogate was diluted out.
*C1- The Continuing Calibration did not meet method specifications and was biased low for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased low.
*C2- The Continuing Calibration did not meet method specifications and was biased high for this analyte. Increased uncertainty is associated with the reported value which is likely to be biased high.
*F1- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the low side.
*F2- The Laboratory Control Sample recovery is outside of control limits. Reported value for this analyte is likely to be biased on the high side.
I- The Analyte exceeds %RSD limits for the Initial Calibration. This is a non-directional bias.

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

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

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

CET

COMPLETE ENVIRONMENTAL TESTING, INC.

4080154

CHAIN OF 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)

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

Sample ID	Date/Time	Matrix	Same Day *	Next Day *	2-3 Days *	Std (5-7 Days)	8260 CT List	8260 Aromatics	8260 Halogens	CT ETPH	8270 CT List	8270 PNAs	PCBs	Pesticides	Herbicides	13 Priority Poll	8 RCRA	TOTAL (Lead)	TCLP	SPLP	Field Filtered	Lab To Filter	TOTAL # OF CONT.	NOTE #
SS-B	8/6 10:00	S				X												X					1	
SS-C	10:15					X												X					1	
SS-D	10:30					X												X					1	
SS-1	10:45					X												X					1	
SS-2	11:00					X												X					1	
SS-3	11:15					X												X					1	
SS-4	11:30					X												X					1	
SS-5	11:45					X												X					1	
SS-6	12:00					X												X					1	
W-1	7:00	W				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:
	8/7/14 4:00	
	8/7/14 11:30	

NOTES:

Site # 1195

Client / Reporting Information

Company Name

Address

City State Zip

Report To: E-mail

Phone # Fax #

Project Information

Project Contact: PO #:

Project: Project #:

Location: Collector(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:
Temp Upon Receipt 3.7 °C or 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. 12/11