United States Coast Guard
U.S. Department of Homeland Security

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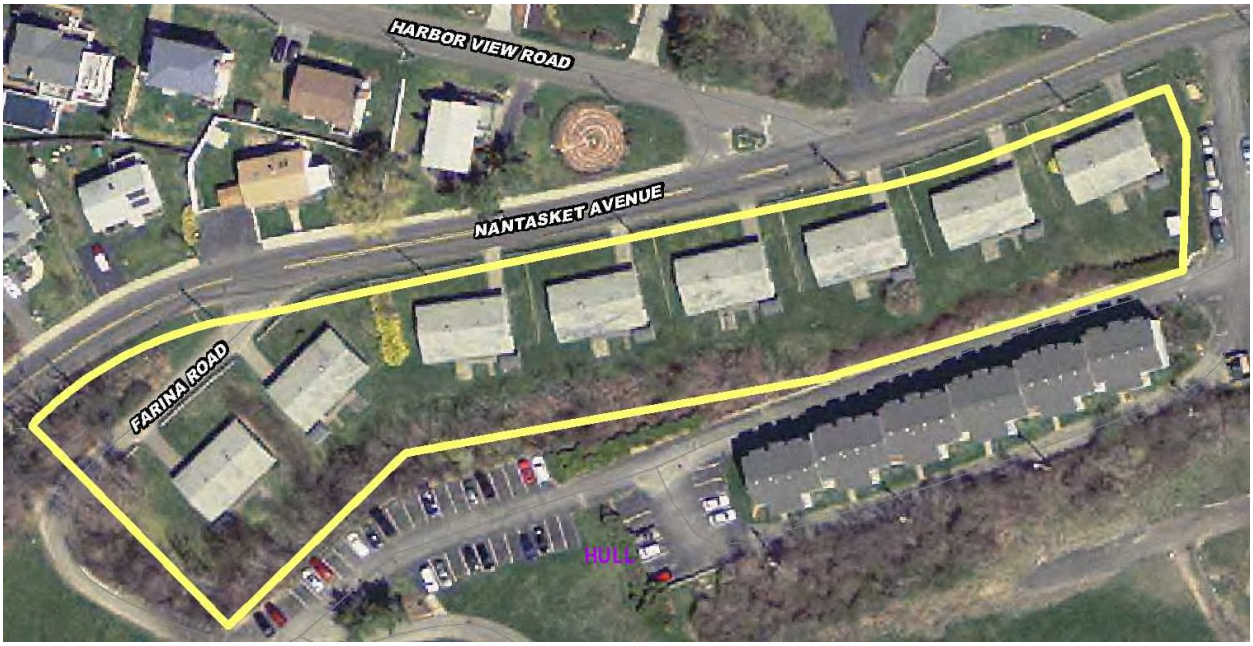

FINAL

Environmental Compliance Due Diligence Activities Report

U.S. Coast Guard Hull, Massachusetts Housing Units

1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue
Hull, Massachusetts, 02045
Contract No. GS-00P-14-CY-A-0002/Award No. GS-P-00-14-CY-5027
July 2015

United States Coast Guard
U.S. Department of Homeland Security

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Executive Summary Report

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Hull, Massachusetts
Contract No. GS-00P-14-CY-A-0002/Award No. GS-P-00-14-CY-5027

Prepared For:

United States General Services Administration

Office of Real Property Utilization and Disposal
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July 2015

Tetra Tech Project No: 103G1058243

Date of Site Visit: Phase I EDDA and Lead in Soil Sampling, October 7-8, 2014
Asbestos-Containing Material Survey, October 10 and 31, 2014
Lead Based Paint Inspection, October 10, 2014

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ACRONYMS AND ABBREVIATIONS

ACM	asbestos-containing materials
AHERA	Asbestos Hazard Emergency Response Act
AIRFA	American Indian Religious Freedom Act
Alpha	Alpha Analytical Laboratories, Inc.
ARPA	Archaeological Resources Protection Act
AST	aboveground storage tank
ASTM	American Society of Testing and Materials
CEQ	Council on Environmental Quality
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CERCLIS	Comprehensive Environmental Response, Compensation and Liability
CFATF	Civilian Federal Agency Task Force
CMR	Code of Massachusetts Regulations
CFR	Code of Federal Regulations
CORRACTS	Federal Corrective Action Report
CREC	Controlled Recognized Environmental Condition
CWA	Clean Water Act
DLS	Massachusetts Department of Labor Standards
EDDA	Environmental Due Diligence Audit
EDR	Environmental Data Resources, Inc.
EO	Executive Order
ESA	Endangered Species Act
FE	Federally Endangered
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
FT	Federally Threatened
GSA	General Services Administration
HA	Homogenous Area
HEPA	High-Efficiency Particulate Absorption
HREC	Historical Recognized Environmental Condition
HSA	homogeneous sampling areas
HUD	Housing and Urban Development
IDW	Investigation-derived waste
LAST	Leaking Aboveground Storage Tank
LBP	lead-based paint
LUST	Leaking Underground Storage Tank
MACRIS	Massachusetts Cultural Resources Information System

MassDEP	Massachusetts Department of Environmental Protection
MassGIS	Massachusetts Geographic Information System
MESA	Massachusetts Endangered Species Act
MHC	Massachusetts Historical Commission
mg/cm^2	milligrams per square centimeter
mg/kg	milligrams per kilogram
msl	mean sea level
NAGPRA	Native American Graves Protection and Repatriation Act
NEPA	National Environmental Policy Act
NESHAP	National Emission Standard for Hazardous Air Pollutants
NHD	National Hydrography Dataset
NHPA	National Historic Preservation Act
NIST	National Institute of Standards and Technology
NMFS	National Marine Fisheries Service
NPDES	National Pollution Discharge Elimination Systems
NPL	National Priorities List
NRHP	National Register of Historic Places
NVLAP	National Voluntary Laboratory Accreditation Program
NWI	National Wetland Inventory
OSHA	Occupational Safety and Health Administration
PACM	presumed asbestos-containing material
PCBs	Polychlorinated Biphenyls
pCi/L	picocuries per Liter
PLM	Polarized Light Microscopy
ppm	parts per million
POTW	Publicly Owned Treatment Works
RACM	Regulation Asbestos Containing Material
RAO	Remedial Action Objective
RCS-1	Reportable Concentration Standard for Soil
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
RLT	Release Tracking Number
RSL	Regional Screening Level
SHPO	State Historic Preservation Office
SHWS	State Hazardous Waste Sites
Site	USCG Housing units located 1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue, Hull, Massachusetts
SOW	Scope of Work
ST	State Threatened

Tetra Tech	Tetra Tech, Inc.
TSDF	Treatment, Storage, and Disposal Facility
TVA	Tennessee Valley Authority
U.S.	United States
USACE	United States Army Corps of Engineers
USC	United States Code
USCG	United States Coast Guard
USEPA	United States Environmental Protection Agency
USGS	U.S. Geological Survey
USFWS	United States Fish and Wildlife Services
UST	underground storage tank
XRF	X-ray Fluorescence

1.0 INTRODUCTION

Tetra Tech, Inc. (Tetra Tech) was retained by the United States (U.S.) General Services Administration (GSA) to perform Environmental Compliance Due Diligence Activities in support of the United States Coast Guard (USCG) housing sales. The Environmental Compliance Due Diligence Activities included a Phase I Environmental Due Diligence Audit (EDDA), Asbestos-Containing Materials (ACM) survey and condition/risk assessment, Lead-Based Paint (LBP) Inspection and Risk Assessment, Lead in Soil Sampling activities, and sensitive environmental area review including National Environmental Policy Act (NEPA) data gathering. The Environmental Compliance Due Diligence Activities were conducted for the USCG housing units located at 1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue, Hull, Massachusetts (Site) (**Figure 1**). Tetra Tech was authorized to conduct these activities under the GSA Contract Number GS-00P-14-CY-A-0002 and Award Number GS-P-00-14-CY-5027. Tetra Tech representative, Mr. Alex Ranieri, performed the site visit on October 7, 2014. Access to the Site was granted by USCG personnel. It is Tetra Tech's understanding that the USCG has requested these environmental activities in preparation for divestiture of the property.

1.1 SITE LOCATION AND DESCRIPTION

The USCG housings units are located at 1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue, Hull, Massachusetts (**Figure 1)**. **Figure 2** shows the layout of the housing units. The housing units are located in a Residential Zoned Area. **Table 1** below summarizes information obtained regarding the Site.

Table 1: Summary of Housing Units

Address	Year Built	Unit Size (square feet)	Lot Size (acre)	Unit Description	Occupied
1153 Nantasket Ave	1958	1,389	1.7	3 bedroom, 1 bathroom	No
1155 Nantasket Ave				3 bedroom, 1 bathroom	No
1157 Nantasket Ave				3 bedroom, 1 bathroom	No
1159 Nantasket Ave				3 bedroom, 1 bathroom	No
1161 Nantasket Ave				3 bedroom, 1 bathroom	No
1163 Nantasket Ave				3 bedroom, 1 bathroom	No
1165 Nantasket Ave				3 bedroom, 1 bathroom	No
1167 Nantasket Ave				3 bedroom, 1 bathroom	No

The Site consists of eight 1,389 square-foot, single-story, wood frame, slab-on-grade, residential housing units with asphalt driveways. The units were generally in good condition. Two rodent pesticide traps were observed in housing unit 1167 Nantasket Avenue. These pesticide traps were used to control rodents in each of the housing units and observed to be stored in the Nantasket

Avenue housing unit. Due to the limited quantity and residential use, this is not considered a REC. No other hazardous material storage was observed at the Site.

2.0 PHASE I ENVIRONMENTAL DUE DILIGENCE AUDIT OVERVIEW

The Phase I EDDA was performed in accordance with the Civilian Federal Agency Task Force (CFATF) *Guide on Evaluating Environmental Liability for Property Transfers*, dated August 1998. The American Society of Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E 1527-13 was also used as a reference for conducting the EDDA. The goal of Phase I Environmental Site Assessments is to identify whether recognized environmental conditions (RECs), controlled RECs (CRECs), historical RECs (HRECs), or *de minimis* conditions are present on the Subject Property.

As specified under these standards, certain responsibilities lie with the "user" of the assessment. The "user" is defined as the party who intends to use the guidance to perform an assessment. The "user" is generally the purchaser, owner, lender, property manager, or potential tenant, and, for the purposes of this project, is considered to be the GSA. Under the guidance it is the responsibility of the "user" to verify whether any environmental liens exist with regard to the property, and provide this information to the environmental professional preparing the assessment. Additionally, the "user" must make the professional aware of any specialized knowledge or experience that is material to identifying environmental liability concerns in connection with the property.

In conducting this assessment, Tetra Tech's work was performed consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. Information provided to Tetra Tech by client representatives and site contacts has been accepted in good faith and is assumed to be accurate unless written documentation or visual observations were contradictory. Tetra Tech's findings are based on observations and data collected at one point in time. Assessment results are based upon conditions and operations at the time of the site visit. A change in any of these factors may alter the findings and conclusions expressed by Tetra Tech.

A Phase I EDDA, by nature, is limited in its ability to fully assess potential environmental liabilities or concerns associated with a property. Further investigation would be required to identify potential environmental liabilities that may be present at the site, but were beyond detection by performance of the scope of the Phase I EDDA. State and Federal laws and regulations, if referenced in this report, are provided for informational purposes and should not be construed as legal opinion or recommendation.

This Phase I EDDA was completed under the direction of Tetra Tech's client, the GSA, for use by the GSA and the USCG. By definition, a Phase I EDDA consists of a limited records search, site visit, and interviews to identify potential environmental issues at the Site. To completely delineate any potential environmental issue at the Site, further work beyond the scope of a Phase I EDDA Activities might be necessary. Use of this report by any parties other than Tetra Tech, the GSA, and USCG is expressly prohibited.

Tetra Tech's scope of services for the Phase I EDDA consisted of the following activities:

- Review certain federal and state regulatory agency databases for the Site and properties within a 1/8 to 1-mile radius around the Site;
- Review and evaluate readily available historical records, including topographical maps, historical aerial photographs, and historical fire insurance maps;
- Research publicly available and reasonably ascertainable information to determine site usage since first development, or 1940, whichever is earlier;
- Contact various city and/or county agencies for environmental information pertaining to the Site;
- Conduct a site reconnaissance to evaluate current site conditions and note visual evidence of recognized environmental conditions;
- Conduct a visual reconnaissance of properties within 1/2 mile of the Site;
- Interview people with significant knowledge of the Site;
- Prepare this report summarizing Tetra Tech's findings.

The complete Phase I EDDA report, tables, and figures are included in **Appendix A.**

3.0 ACM SURVEY AND CONDITION/RISK ASSESSMENT OVERVIEW

Information provided by the USCG indicates that an asbestos-containing material (ACM) survey had previously been conducted at the site, but electronic copies of the previous survey were not available to Tetra Tech. In accordance with the Scope of Work, Tetra Tech completed an ACM survey and condition/risk assessment on October 8 and October 31, 2014. The purpose of the ACM survey and condition/risk assessment is to determine whether ACM exists in the Hull housing units and, if so, to define its type, condition, and location(s). In accordance with the Scope of Work (SOW) this was a non-destructive survey, and inaccessible areas (e.g. within wall cavities, above drop-ceilings, beneath the top flooring layer, etc.) were not surveyed. This survey documents only general locations of ACM and does not determine the exact boundaries of ACM. ACM may be present in the areas of the site buildings that were not accessible without selective demolition or destructive sampling.

ACMs are fibrous hydrated silicates, and can be found in building materials as either “friable” or “non-friable” asbestos products. Friable asbestos refers to materials, which can be readily crumbled using hand pressure, separating asbestos fibers from the binding materials with which they are associated. Friable asbestos is commonly found in boiler and pipe insulation. Non-friable material refers to asbestos, which is associated with a binding agent (such as tar or cement), preventing ready release of airborne fibers, and are separated into two categories. Category I non-friable ACMs are asbestos-containing resilient floor coverings (like vinyl asbestos tile), asphalt roofing products, packing’s, and gaskets. These materials rarely become friable because the asbestos is locked securely into the material. All other non-friable ACMs are considered category II non-friable ACM. Category II non-friable ACMs are more likely to become friable because they are not as resistant to crushing or pulverizing.

Certain friable ACMs were banned in the United States in the 1970s, although many asbestos products were manufactured more recently. Non-friable ACMs such floor tile, mastic, and roofing products are found in more recent construction. A thorough inspection of all buildings regardless of age is required prior to renovation/demolition under the federal National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation, 40 CFR 61. The NESHAP regulation refers to the inspection and sampling protocol in the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR 763. Massachusetts Department of Environmental Protection (MassDEP) has similar requirements for pre-renovation/demolition inspections of all buildings in their regulations, 310 CMR 7. Prior to undertaking a renovation or demolition project, ACMs identified during the inspection must be abated in accordance with Massachusetts DEP regulations (310 CMR 7), Massachusetts Department of Labor Standards (DLS) regulations (453 CMR 6), and Occupational Safety and Health Administration (OSHA) Asbestos Standard for the Construction Industry (29 CFR 1926.1101).

Under 29 CFR 1910.1001, the OSHA Asbestos Standard for General Industry, a building owner must notify employees of the presence of ACM or presumed asbestos-containing material (PACM). PACM is defined in the standard and includes thermal system insulation, surfacing material, and vinyl floor tile that have not been shown to contain 1% or less asbestos. An asbestos operations and

maintenance plan is one way of complying with the requirements of the OSHA General Industry Standard.

ACMs that are damaged or deteriorating may release asbestos fibers. The disturbance of any material that may release asbestos fibers is regulated by Massachusetts DEP under 310 CMR 7. We recommend damaged ACM be abated in accordance with applicable regulations to avoid potential release of asbestos fibers.

The ACM survey and condition/risk assessment was limited to materials that could be sampled without damage to the material or the property. The ACM survey and condition/risk assessment was conducted on October 10 and 31, 2014 by Mr. Matthew T. Madden of Tetra Tech (State of Massachusetts Department of Labor Services Asbestos Inspector License Number A90051).

ACM identified in the buildings include:

- 1153 Nantasket Avenue: 9”x9” grey floor tile below carpet, 9”x9” black floor tile in the furnace room, penetration mastic on the roof (non-friable)
- 1155 Nantasket Avenue: joint compound (friable)
- 1157 Nantasket Avenue: none detected
- 1159 Nantasket Avenue: tile below carpet in hallway (non-friable)
- 1161 Nantasket Avenue: none detected
- 1163 Nantasket Avenue: 9”x9” grey floor tile below carpet (non-friable)
- 1165 Nantasket Avenue: none detected
- 1167 Nantasket Avenue: none detected

Joint compound at 1155 Nantasket Avenue was confirmed as friable ACM. The confirmed friable ACM is considered a concern. A copy of the full ACM survey and condition/risk assessment is included in **Appendix B**.

4.0 LEAD-BASED PAINT INSPECTION AND RISK ASSESSMENT OVERVIEW

Prior to approximately 1978, it was common for paints to contain high levels of lead. Damage to painted surfaces can cause lead to be released to the environment, and may cause a health risk to those who come in contact with the damaged paint. In general, buildings constructed after 1978 are less likely have lead-based paint.

Federal law, 20 CFR Part 35 and 40 CFR Part 745 and Massachusetts Department of Public Health Regulations 105 CMR 460, require sellers or lessors of residential units constructed prior to 1978 to disclose and provide a copy of a Lead Based Paint Inspection and Risk Assessment Report to new purchasers or lessees before they become obligated under a lease or sales contract. Housing for the elderly or persons with disabilities (unless any child who is less than six years of age resides or is expected to reside in such housing) and zero-bedroom dwellings are exempt from these requirements under federal law, but not under the Massachusetts law. Property owners and sellers are also required to distribute an educational pamphlet approved by the US EPA and include standard warning language in sales contracts or in or attached to lease contracts to ensure that parents have the information they need to protect children from LBP hazards.

Based on the age of the Site buildings, it is possible that LBP was used for painting the interior and exterior walls of the structure. As such, Tetra Tech's sub consultant, Master Lead Paint Inspections conducted a LBP inspection and risk assessment at the housing units on October 10, 2014. Lead-based paint was not detected in the buildings at this Site. The LBP inspection and risk assessment report is included in **Appendix C**.

5.0 LEAD IN SOIL SAMPLING OVERVIEW

Based on the age of the housing units, it is possible that LBP was used for painting the interior and exterior walls of the structure. In accordance with the Scope of Work (SOW), Tetra Tech collected two soil samples per exterior structure wall. Soil sample locations were within five feet (drip line) of each exterior wall. Two soil samples were collected at each location, at the surface (0 to 3 inches) below ground surface (bgs) and 6 to 9 inches bgs. A total of 64 soil samples were collected. The samples were containerized and shipped under standard chain of custody procedures to Alpha Analytical Laboratories, Inc. in Westborough, MA. The samples were submitted for total lead analysis by United States Environmental Protection Agency (USEPA) SW-846 Method 6010C. Lead was detected in soil at concentrations ranging from 19 to 190 mg/kg, less than the MassDEP RCS-1 reportable concentration standard of 200 mg/kg and the USEPA Direct Contact Clean up Level Criterion of 400 mg/kg. The lead in soil sampling report is included in **Appendix D**.

6.0 ENVIRONMENTAL INFORMATION AND NEPA GATHERING OVERVIEW

An analysis of the potential effects of a federal action are required pursuant to the National Environmental Policy Act of 1969 (NEPA; 42 United States Code [USC] 4321 *et seq*.) and Council on Environmental Quality (CEQ) Regulations *Implementing the Procedural Provisions of NEPA* (40 CFR 1500-1508). During the NEPA analysis, federal, state, and local regulations and requirements are considered that could apply to the federal action. The CEQ regulations encourage federal agencies to integrate all of the required environmental reviews into the environmental documents that are prepared pursuant to NEPA. Other environmental reviews may include statutory requirements set forth under the Endangered Species Act (ESA; 16 USC §1531 *et seq*.), National Historic Preservation Act (NHPA; 16 USC 470 *et seq.*), Executive Orders (EOs), or other federal, state, and local laws and regulations.

USCG is proposing to sell eight housing units located on approximately 1.7 acres of land in Hull, Massachusetts (**Figures 1** and **2**). To ensure USCG's compliance with NEPA and other statutory requirements relevant to special status species and habitat, wetlands, floodplains, and historical and cultural resources on or in the vicinity of the Site, a desktop review and Site visit of these resource areas were conducted to support the development of USCG's NEPA analysis for this action.

Tetra Tech followed the procedures outlined on the New England Field Office web site, and reviewed the state list of counties in which federally listed endangered and threatened species occur. According to the Massachusetts list, there is one federally listed threatened species, the Piping Plover, and two federally listed endangered species including the Northern Red-bellied Cooter and the Roseate Tern present in Plymouth County. The Piping Plover is also identified as a state threatened species and the Red-bellied Cooter and Roseate Tern are identified as state endangered species. However Hull is not included on the Town Listing including these species from Plymouth County. Tetra Tech did not observe any state protected species or habitat during Site reconnaissance.

Tetra Tech consulted the USFWS Critical Habitat Portal to determine the presence or absence of federal critical habitat for threatened and endangered species. According to the Critical Habitat Portal, in Massachusetts, federally mapped critical habitat for the red-bellied turtle is limited to the Town of Plymouth, in Plymouth County. Coastal critical habitat for the Atlantic Right Whale is mapped in Massachusetts Bay and within the Atlantic Ocean off of Cape Cod. Therefore the site is not located within or in the vicinity of federally mapped critical habitat. Tetra Tech did not observe any federal protected species or habitat during Site reconnaissance.

The MA NHESP maintains mapping of state listed Estimated Habitat of Rare Wildlife and Priority Habitat of Rare Species on a GIS datalayer. A review of the datalayer shows that the Site is not located within Estimated Habitat of Rare Wildlife nor is it located in Priority Habitat of Rare Species. Within the Site vicinity, MA NHESP has mapped both Priority and Estimated Habitat within the

Atlantic Ocean, located approximately 240 feet to the northeast of the Site. Tetra Tech did not observe any state protected species or habitat during Site reconnaissance.

A review of the GIS based National Wetland Inventory database shows that the Site does not contain NWI federal wetlands. A review of the MassGIS based Mass DEP 12K wetland data layer shows that the site does not contain state wetlands. The web-based NWI and state wetlands represent an estimation of the presence or absence of wetlands based on aerial photography and photo-interpretation and does not reflect actual site conditions. To confirm the presence or absence of wetlands subject to federal, state or local jurisdiction, a wetland scientist must perform a site inspection and field delineation. Tetra Tech also notes that the Site is located in the Coastal Zone requiring Coastal Zone Management Consistency Review. Tetra Tech did not observe wetlands during Site reconnaissance.

Tetra Tech's review of the FEMA Digital Flood Insurance Rate map (Panel 25023C) shows that the Site is not located within the 100 year flood plain, 500 year flood plain, or floodway. No flood conditions were observed during Site reconnaissance.

Based on a review of Massachusetts Cultural Resources Information System, the site is not located within a mapped historic resource area. The immediate abutting property to the south is mapped with the Hull Village Historic District. In addition, a Point of Interest, Telegraph Hill, is also located south of the Site.

Tetra Tech conducted a review of the SHPO files for archaeological resources and the Site does not include any mapped archaeological resources. Tetra Tech did not observe any cultural or historical resources during Site reconnaissance.

Appendix E includes a summary of applicable statutory requirements that pertain to special status species and habitat, wetlands, floodplains, and historical and cultural resources, and provide a description of the existing conditions within and in the vicinity of this Site in Hull, Massachusetts, based on the review of available information from the USCG and other agencies as well as the site visit. No agency consultation under Section 7 of the ESA or Section 106 of the NHPA was conducted as part of the data gathering process. However, the necessary agencies were contacted to obtain information.

7.0 CONCLUSIONS AND RECOMMENDATIONS

Tetra Tech has performed Environmental Compliance Due Diligence Activities, which include a Phase I EDDA, ACM survey and condition/risk assessment, LBP Inspection and Risk Assessment, Lead in Soil Sampling activities, and sensitive environmental area review including NEPA data gathering in conformance with the scope and limitations of the Guidance for the USCG housing units, located at 1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue, Hull, Massachusetts. The Environmental Compliance Due Diligence Activities have revealed the following findings that relate to potential for contamination or liability in connection to the Site.

7.1 CONCLUSIONS

- The Site is currently connected to Natural Gas. According to Ron Chapman, USCG Facilities Supervisor for the Hull housing units out of the USCG Boston base, ASTs were formerly used to heat the housing units at the Site and were removed in August of 2000. No local records could be obtained concerning the ASTs. The date of connection to natural gas was reported to be August of 2000.

- Some staining was noted on the paved driveway of 1157 Nantasket Ave. The staining is considered *de minimis* and not anticipated to pose an environmental concern at the Site.

- Asbestos was detected in certain materials in four of the buildings (listed below). Other units did not have ACM detected. ACM identified in the buildings include:
    - 1153 Nantasket Avenue: 9”x9” grey floor tile below carpet, 9”x9” black floor tile in the furnace room, and penetration mastic on the roof (non-friable)
    - 1155 Nantasket Avenue: joint compound (friable)
    - 1159 Nantasket Avenue: tile below carpet in hallway (non-friable)
    - 1163 Nantasket Avenue: 9”x9” grey floor tile below carpet (non-friable)

  The confirmed friable ACM found in joint compound at 1155 Nantasket Avenue is considered a concern.

- Soil sampling results around the exterior of the structures indicated that lead was present in surface soils at concentrations below the USEPA residential criteria of 400 mg/kg and MassDEP reportable concentration of 200 mg/kg.

- The LBP inspection indicated that no lead concentrations at or above the USEPA/HUD definition of lead-based paint (1.0 milligrams per square centimeter [mg/cm^2]) were detected on tested coatings. All tested component coatings had lead concentrations below 1.0 mg/cm^2.

- Tetra Tech followed the procedures outlined on the New England Field Office web site, and reviewed the state list of counties in which federally listed endangered and threatened

species occur. According to the Massachusetts list, there is one federally listed threatened species, the Piping Plover, and two federally listed endangered species including the Northern Red-bellied Cooter and the Roseate Tern present in Plymouth County. The Piping Plover is also identified as a state threatened species and the Red-bellied Cooter and Roseate Tern are identified as state endangered species. However Hull is not included on the Town Listing including these species from Plymouth County.

- Tetra Tech consulted the USFWS Critical Habitat Portal to determine the presence or absence of federal critical habitat for threatened and endangered species. According to the Critical Habitat Portal, in Massachusetts, federally mapped critical habitat for the red-bellied turtle is limited to the Town of Plymouth, in Plymouth County. Coastal critical habitat for the Atlantic Right Whale is mapped in Massachusetts Bay and within the Atlantic Ocean off of Cape Cod. Therefore the site is not located within or in the vicinity of federally mapped critical habitat.

- Based on a review of MACRIS, the site is not located within a mapped historic resource area. The immediate abutting property to the south is mapped with the Hull Village Historic District. In addition, a Point of Interest, Telegraph Hill, is also located south of the Site.

- Tetra Tech conducted a review of the SHPO files for archaeological resources and the Site does not include any mapped archaeological resources.

- Tetra Tech's review of the FIRM (Panel 25023C) shows that the Site is not located within the 100-year flood plain, 500-year flood plain, or floodway.

- No RECs, as defined by ASTM Standard Practice E 1527-05, were identified in connection with the site. "Recognized Environmental Conditions" are "The presence or likely presence of any Hazardous Substances or Petroleum Products on a Property under conditions that indicate an existing release, a past release, or a material threat of a release of any Hazardous Substances or Petroleum Products into structures on the Property or into the ground, groundwater, or surface water of the Property. The term includes Hazardous Substances or Petroleum Products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

7.2 RECOMMENDATIONS

Based on the conclusions outlined above, Tetra Tech has provided the following recommendations for consideration with respect to the Site.

- Prior to any renovation or demolition activity that may disturb asbestos-containing materials, those materials must be abated in accordance with federal and state regulations. There is no

regulatory obligation to remove asbestos-containing materials that are not releasing fibers. However, the presence of ACM and/or PACM in accordance with the OSHA Asbestos Standard for General Industry (29 CFR 1910.1001) means that building owners must make their employees aware of the presence and location of ACM and PACM. If the buildings will be occupied in the future, an Asbestos Operations Maintenance Plan can be used to document compliance with OSHA.

- If the buildings are to be renovated and/or demolished, supplemental destructive sampling is recommended to identify asbestos-containing materials that may not be accessible. Identified asbestos-containing materials must be abated prior to the start of the renovation/demolition work.

7.3 LIMITATIONS

The conclusions of the report are professional opinions based solely upon visual site observations, and interpretations of analyses as described in this report. The opinions presented within this report apply to the site conditions existing at the time of the investigations, and interpretation of current regulations. Therefore, opinions and recommendations provided within this report might not apply to future conditions that may exist at the Site.

The current regulations should always be verified prior to any work involving asbestos or other regulated materials. This survey is not intended to be used as an abatement design document. All existing conditions, quantities, and locations should be verified prior to abatement. ACM may be found within wall cavities, above ceilings, in pipe chases, within attics, or other inaccessible areas. The survey did not include an investigation of potentially buried piping within or in the vicinity of the structures.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR 312.10 of this part. We have the specific qualifications based on education, training, and experience to assess a Subject Property of the nature, history, and setting of the Subject Property. We have developed and performed the all appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312 and attest to the completeness and accuracy of the information contained in this report.

Site Assessor/Report Author	Technical Reviewer
Mr. Alex Ranieri	Mr. Tim D. Ward

Technical Reviewer	Quality Control Coordinator
Mr. Jimmy Kehs	Mr. Steve MacNeill

8.0 REFERENCES

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FIGURES

Legend

Approximate Property Boundary

N
W E
S

0 1,000 2,000
Feet

SOURCE: MODIFIED FROM USGS, HULL, MA 1971 QUADRANGLE.

FIGURE 1
SITE LOCATION MAP

US Coast Guard Housing Units
8 Housing Units on Nantasket Avenue
Hull, Massachusetts 02045

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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Legend

Approximate Property Boundary

P Pesticide Traps

N
W E
S

0 75 150
Feet

SOURCE: MODIFIED FROM ESRI AERIAL IMAGERY, 2010-2012.

FIGURE 2
SITE LAYOUT MAP

US Coast Guard Housing Units
8 Housing Units Nantasket Avenue
Hull, Massachusetts 02045

United States Coast Guard
U.S. Department of Homeland Security

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APPENDIX A:
PHASE I EDDA REPORT

FINAL

Phase I EDDA Report

U.S. Coast Guard Hull, Massachusetts Housing Units

1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue
Hull, Massachusetts, 02045
Contract No. GS-00P-14-CY-A-0002/Award No. GS-P-00-14-CY-5027

Prepared For:

United States General Services Administration

Office of Real Property Utilization and Disposal
1800 F Street, NW
Washington, DC 20405

Prepared By:

Tetra Tech, Inc.

45610 Woodland Road, Suite 400
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July 2015

Tetra Tech Project No: 103G1058243.001
Date of Site Visit: October 7, 2014

Jimmy Kehs
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Attachment C Aerial Photographs
Attachment D Historical Topographic Maps
Attachment E Certified Sanborn Map Report
Attachment F Historical City Directories
Attachment G Historical Property Ownership Report

ACRONYMS AND ABBREVIATIONS

ACM	asbestos-containing materials
Alpha	Alpha Analytical Laboratories, Inc.
AST	aboveground storage tank
ASTM	American Society of Testing and Materials
bgs	below ground surface
CERCLA	Comprehensive Environmental Response, Compensation, and Liability Act of 1980
CERCLIS	Comprehensive Environmental Response, Compensation and Liability Information System
CFATF	Civilian Federal Agency Task Force
CFR	Code of Federal Regulations
CORRACTS	Federal Corrective Action Report
CREC	Controlled Recognized Environmental Condition
EDDA	Environmental Due Diligence Audit
EDR	Environmental Data Resources, Inc.
FEMA	Federal Emergency Management Agency
FIRM	Flood Insurance Rate Map
GSA	General Services Administration
GIS	Geographic Information System
HREC	Historical Recognized Environmental Condition
HUD	Housing and Urban Development
LAST	Leaking Aboveground Storage Tank
LBP	lead-based paint
LUST	Leaking Underground Storage Tank
MA NHESP	Massachusetts Natural Heritage and Endangered Species Program
MACRIS	Massachusetts Cultural Resources Information System
MassDEP	Massachusetts Department of Environmental Protection
MassGIS	Massachusetts Geographic Information System
MCP	Massachusetts Contingency Plan
MHC	Massachusetts Historical Commission
mg/cm^2	milligrams per square centimeter
mg/kg	milligrams per kilogram
msl	mean sea level
NPDES	National Pollution Discharge Elimination Systems
NPL	National Priorities List
NRCS	Natural Resources Conservation Service
NWI	National Wetland Inventory

OSHA	Occupational Safety and Health Administration
PACM	presumed asbestos-containing material
PCBs	Polychlorinated Biphenyls
pCi/L	picocuries per Liter
PLM	Polarized Light Microscopy
ppm	parts per million
POTW	Publicly Owned Treatment Works
RAO	Remedial Action Objective
RCS-1	Reportable Concentration Standard for Soil
RCRA	Resource Conservation and Recovery Act
REC	Recognized Environmental Conditions
RTL	Release Tracking Number
SHPO	State Historic Preservation Office
SHWS	State Hazardous Waste Sites
Site	USCG Housing units located 1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue, Hull, Massachusetts
SOW	Scope of Work
SWL	Solid Waste Landfill
Tetra Tech	Tetra Tech, Inc.
TSDF	Treatment, Storage, and Disposal Facility
U.S.	United States
USCG	United States Coast Guard
USDA	United States Department of Agriculture
USEPA	United States Environmental Protection Agency
USGS	U.S. Geological Survey
USFWS	United States Fish and Wildlife Services
UST	underground storage tank
WSS	Web Soil Survey
XRF	X-ray Fluorescence

1.0 INTRODUCTION

Tetra Tech, Inc. (Tetra Tech) was retained by the United States (U.S.) General Services Administration (GSA) to perform a Phase I Environmental Due Diligence Audit (EDDA) for the United States Coast Guard (USCG) housing units located at 1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue, Hull, Massachusetts (Site) (**Figure 1**). Tetra Tech was authorized to conduct this Phase I EDDA under the GSA Contract Number GS-00P-14-CY-A-0002 and Award Number GS-P-00-14-CY-5027. Tetra Tech representative, Mr. Alex Ranieri, performed the site visit on October 7, 2014. Housing units were vacant during the site visit, so access to the Site was granted by Ron Chapman, USCG Facilities Supervisor for the Hull housing units out of the USCG Boston base. It is Tetra Tech's understanding that the USCG has requested these environmental activities in preparation for divestiture of the property.

This EDDA was performed in accordance with the Civilian Federal Agency Task Force (CFATF) *Guide on Evaluating Environmental Liability for Property Transfers*, dated August 1998. The American Society of Testing and Materials (ASTM) *Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process* E 1527-13 was also used as a reference for conducting the EDDA. The goal of Phase I Environmental Site Assessments is to identify whether recognized environmental conditions (RECs), controlled RECs (CRECs), historical RECs (HRECs), or *de minimis* conditions are present on the Subject Property. This Phase I EDDA uses these terms; they are defined below.

RECs are the presence or likely presence of any hazardous substances or petroleum products on a Subject Property under conditions that indicate an existing release, a past release, or a material threat of release of any hazardous substances or petroleum products into structures on the Subject Property or into the ground, groundwater, or surface water of the Subject Property. CRECs are the result of a past release of hazardous substances or petroleum products that have been addressed to the satisfaction of the applicable regulatory authority. HRECs are a past release of any hazardous substances or petroleum products that has occurred in connection with the property and has been addressed to the satisfaction of the applicable regulatory authority or meeting unrestricted use criteria established by a regulatory authority, without subjecting the property to any required controls. The terms include hazardous substances or petroleum products, even under conditions in compliance with laws. The terms are not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies (Section 1.1.1 E 1527-13, ASTM 2013).

As specified under these standards, certain responsibilities lie with the "user" of the assessment. The "user" is defined as the party who intends to use the Guidance to perform an assessment. The "user" is generally the purchaser, owner, lender, property manager, or potential tenant, and, for

the purposes of this project, is considered to be the GSA. Under the Guidance it is the responsibility of the "user" to verify whether any environmental liens exist with regard to the property, and provide this information to the environmental professional preparing the assessment. Additionally, the "user" must make the professional aware of any specialized knowledge or experience that is material to identifying environmental liability concerns in connection with the property.

In conducting this assessment, Tetra Tech's work was performed consistent with that level of care and skill ordinarily exercised by members of the profession currently practicing in the same locality under similar conditions. Information provided to Tetra Tech by client representatives and site contacts has been accepted in good faith and is assumed to be accurate unless written documentation or visual observations were contradictory. Tetra Tech's findings are based on observations and data collected at one point in time. Assessment results are based upon conditions and operations at the time of the site visit. A change in any of these factors may alter the findings and conclusions expressed by Tetra Tech.

A Phase I EDDA, by nature, is limited in its ability to fully assess potential environmental liabilities or concerns associated with a property. Further investigation would be required to identify potential environmental liabilities that may be present at the site, but were beyond detection by performance of the scope of the Phase I EDDA Activities. State and Federal laws and regulations, if referenced in this report, are provided for informational purposes and should not be construed as legal opinion or recommendation.

This Phase I EDDA was completed under the direction of Tetra Tech's client, the GSA, for use by the GSA and the USCG. The Phase I EDDA was prepared in accordance with the Guidance. By definition, a Phase I EDDA consists of a records search, site visit and interviews to identify potential environmental issues at the Site. To completely delineate any potential environmental issue at the Site, further work beyond the scope of a Phase I EDDA might be necessary. Use of this report by any parties other than Tetra Tech, the GSA, and USCG is expressly prohibited.

Tetra Tech's scope of services for the Phase I EDDA consisted of the following activities:

- Review certain federal and state regulatory agency databases for the Site and properties within a 1/8 to 1-mile radius around the Site;
- Review and evaluate readily available historical records, including topographical maps, historical aerial photographs, and historical fire insurance maps;
- Research publicly available and reasonably ascertainable information to determine site usage since first development, or 1940, whichever is earlier;
- Contact various city and/or county agencies for environmental information pertaining to the Site;

- Conduct a site reconnaissance to evaluate current site conditions and note visual evidence of recognized environmental conditions;
- Conduct a visual reconnaissance of properties within 1/2 mile of the Site;
- Interview people with significant knowledge of the Site; and
- Prepare this report summarizing Tetra Tech's findings.

1.1 CERCLA 120(H)(4)(A) DOCUMENTATION

As part of the Phase I EDDA, Tetra Tech performed the requirements of the Comprehensive Environmental Response, Compensation, and Liability Act of 1980 (CERCLA) Section 120(h)(4)(A).

1.1.1 FEDERAL GOVERNMENT RECORDS

Tetra Tech contracted Environmental Data Resources, Inc. (EDR)® to complete a detailed search of federal government records pertaining to the Site and surrounding areas. EDR conducted a search of federal records in accordance with the CFATF Guide and ASTM Standard Practice for Environmental Site Assessments: Phase I Environmental Site Assessment Process (E 1527-13). The search did not identify the Site on the Federal databases within the ASTM-specified search distance for each federal database searched by EDR®. Eleven sites were identified on State or Federal database lists searched by EDR® within their respective search radii. A review of the State and tribal State Hazardous Waste Sites (SHWS) list, as provided by EDR, and dated 08/26/2014, has revealed that there are four sites within 1.0 mile of the Site. A review of the State and tribal Leaking Underground Storage Tank (LUST) list, as provided by EDR, and dated 8/26/2014, has revealed that there are two sites within 0.5 mile of the Site. A review of the State and tribal Leaking Aboveground Storage Tank (LAST) list, as provided by EDR, and dated 8/26/2014, has revealed that there are four sites within 0.5 mile of the Site A review of the State and tribal underground storage tank (UST) list, as provided by EDR, and dated 7/18/2014, has revealed that there is one site within 0.25 mile of the Site. None of the facilities within the specified search radii of the Site are considered a REC.

1.1.2 RECORDED CHAIN OF TITLE DOCUMENTS

Information regarding ownership for the Site was obtained from Security First Title Research. According to the Security First Title Research report, Site ownership was transferred between the Estate of C.A. La Centra Sr. to Mr. Charles A. La Centra on June 26, 1941, as documented in Book 963, Page 159. The Site ownership was transferred between Mr. Charles A. La Centra to Mr. Thomas F. Cavanaugh and Mr. Walter Powers Jr., Trustees et al on May 1, 1950, and this transfer was documented in Book 2091, Page 399. The Site ownership was transferred between Mr. Thomas F. Cavanaugh and Mr. Walter Powers Jr., Trustees et al to the United States of America on March 29, 1957 and has been used as housing units for USCG personnel since that time. The March 29, 1957 transfer was documented in Book 2560, Page 171.

1.1.3 AERIAL PHOTOGRAPHS

Eleven aerial photographs of the property dated 1938, 1969, 1970, 1978, 1980, 1986, 1992, 1995, 2008, 2010 and 2012 were obtained from EDR®. Aerial photographs show that the Site has been developed with the residential housing units and surrounding areas have been developed with residential and commercial structures since at least the 1969 aerial photograph. Prior to 1969, the Site appears to be undeveloped land with several residential structures and surrounding areas appear to be a mixture of residential and commercial properties.

1.1.4 SITE INSPECTION

The USCG housings units are located at 1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue, Hull, Massachusetts. The Site consists of eight 1,389 square-foot, single-story, wood frame, slab-on-grade, residential housing units constructed in 1958 on 1.7 acres of land. The units and grounds were generally in good condition. The housing units are unoccupied but the grounds are being maintained by USCG personnel. Two rodent pesticide traps were observed in housing unit 1167 Nantasket Avenue. These pesticide traps were used to control rodents in each of the housing units and observed to be stored in the Nantasket Avenue housing unit. Due to the limited quantity and residential use, this is not considered a REC. No other hazardous material storage was observed at the Site.

1.1.5 ADJACENT PROPERTIES INSPECTION

The Site is primarily surrounded by single and multi-family residential homes to the east, west, north and south. No environmental concerns were observed on neighboring properties at the time of the site visit. Tetra Tech completed a visual inspection of the exteriors of the surrounding properties; however, the property owners were either not home or did not allow access to the interiors of their homes at the time of the Site inspection. A visual inspection of the interiors of the adjacent residential properties was not completed at the time of Site reconnaissance.

1.1.6 FEDERAL, STATE AND LOCAL GOVERNMENT RECORDS

Federal databases searched are discussed in Section 1.1.1. Tetra Tech conducted a search of the Massachusetts Department of Environmental Protection (MassDEP) Aboveground/Underground Storage Tanks – Leak Sites, Petroleum Remediation Program Maps, Resource Conservation and Recovery Act (RCRA) Cleanup Sites, Superfund Sites and Groundwater Monitoring Data databases for the Site. The Site was not identified in the databases searched.

Tetra Tech contacted the Hull Department of Health, Assessor, Plymouth County Register of Deeds, and the Hull Fire Department. None of the agencies had environmental records for the Site. There

are no current or historical records of National Pollution Discharge Elimination Systems (NPDES) or Publicly Owned Treatment Works (POTW) permits for the Site.

1.1.7 INTERVIEW WITH CURRENT OR FORMER PERSONNEL

The housing units were unoccupied during Site reconnaissance. As such, Tetra Tech completed an interview with Ron Chapman, USCG Facilities Supervisor for the Hull housing units out of the USCG Boston base, on October 7, 2014. Mr. Chapman answered questions to the best of his knowledge regarding the Site and indicated that he was unaware of any environmental concerns at the Site.

2.0 SITE LOCATION AND DESCRIPTION

The USCG housings units are located at 1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue, Hull, Massachusetts **(Figure 1)**. **Figure 2** shows the layout of the housing units. The housing units are located in a Residential Zoned Area. **Table 1** below summarizes information obtained regarding the Site. Copies of select site photographs are included in **Attachment A**.

Table 1: Summary of Housing Units

Address	Year Built	Unit Size (square feet)	Lot Size (acre)	Unit Description	Occupied
1153 Nantasket Ave	1958	1,389	1.7	3 bedroom, 1 bathroom	No
1155 Nantasket Ave				3 bedroom, 1 bathroom	No
1157 Nantasket Ave				3 bedroom, 1 bathroom	No
1159 Nantasket Ave				3 bedroom, 1 bathroom	No
1161 Nantasket Ave				3 bedroom, 1 bathroom	No
1163 Nantasket Ave				3 bedroom, 1 bathroom	No
1165 Nantasket Ave				3 bedroom, 1 bathroom	No
1167 Nantasket Ave				3 bedroom, 1 bathroom	No

The Site consists of eight 1,389 square-foot, single-story, wood frame, slab-on-grade, residential housing units with asphalt driveways. The units were generally in good condition.

2.1 AREA GEOLOGY AND SOILS

Tetra Tech used Geocheck® - Physical Setting Source Summary, provided by EDR® and the 1983 Bedrock Geologic Map of Massachusetts, to determine the geology of the area. The Site is located within the Boston Basin and overlying the Cambridge Argillite Formation. This physiographic region is characterized by gray argillite and minor quartzite with rare sandstone and conglomerate.

According to the U.S. Department of Agriculture (USDA) Natural Resources Conservation Service's (NRCS) Web Soil Survey (WSS) (http://websoilsurvey.nrcs.usda.gov.), native soils in the vicinity of

the Site primarily consist of Newport Urban Land Complex. Typical Newport soil is characterized by moderately drained dark brown silt loam about 9 inches thick followed by a light brown silt loam about 17 inches thick with a depth to water between 18 and 30 inches. The information obtained from the Geocheck® is included in **Attachment B.**

2.2 AREA HYDROLOGY AND HYDROGEOLOGY

The Site is underlain by the New England Crystalline-Rock Aquifers. The aquifer system consists of almost insoluble igneous and metamorphic rock that contains shallow fracture systems which store and transmit water. The aquifer underlying the Site is characterized by fine grained and unstratified glacial deposits which include glacial till and fine grained glacial lake sediment. (U.S. Geological Survey [USGS] 1993).

Based on files available by MassDEP and the local topography surrounding the Site, depth to groundwater is anticipated to be between 8 to 12 feet below ground surface.

3.0 SITE OWNERSHIP AND USE

Information pertaining to the historical nature of the Site was obtained through Ron Chapman, USCG Facilities Supervisor for the Hull housing units out of the USCG Boston base.

3.1 SITE OWNERSHIP

Information regarding ownership for the Site was obtained from Security First Title Research. According to the Security First Title Research report which is included in **Attachment G**, Site ownership was transferred between the Estate of C.A. La Centra Sr. to Mr. Charles A. La Centra on June 26, 1941, as documented in Book 963, Page 159. The Site ownership was transferred between Mr. Charles A. La Centra to Mr. Thomas F. Cavanaugh and Mr. Walter Powers Jr., Trustees et al on May 1, 1950, and this transfer was documented in Book 2091, Page 399. The Site ownership was transferred between Mr. Thomas F. Cavanaugh and Mr. Walter Powers Jr., Trustees et al to the United States of America on March 29, 1957 and has been used as housing units for USCG personnel since that time. The March 29, 1957 transfer was documented in Book 2560, Page 171.

3.2 SITE USE - HISTORICAL

General information regarding the historical use of the Site was obtained from a review of available historical documents and interviews with USCG personnel. According to historical information, the Site was developed with the housing units in approximately 1958.

Historical documents reviewed to gather information about historical site use include:

- Historical aerial photographs;
- Historical topographic maps;
- Historical Sanborn® Fire Insurance Maps;
- Historical City Directories; and,
- Other historical information provided by the USCG and GSA.

HISTORICAL AERIAL PHOTOGRAPHS

Eleven aerial photographs of the property dated 1938, 1969, 1970, 1978, 1980, 1986, 1992, 1995, 2008, 2010 and 2012 were obtained from EDR®. Copies of the aerial photographs are included in **Attachment C**. Aerial photographs show that the Site has been developed with the residential housing units and surrounding areas have been developed with residential and commercial structures since at least the 1969 aerial photograph. Prior to 1969, the Site appears to be undeveloped land with several residential structures and surrounding areas appear to be a mixture of residential and commercial properties.

HISTORICAL TOPOGRAPHIC MAPS

Eight historical USGS topographic maps were obtained from EDR®. The maps, dated 1892, 1903, 1946, 1950, 1958, 1971, 1984 and 1997 are included in **Attachment D.** The maps dated 1892 and 1903 are USGS 15-minute maps and the maps dating 1946, 1950, 1958, 1971, 1984 and 1997 are USGS 7.5-minute maps depicting the Boston Bay and Hull quadrangle. The topographic maps show the surrounding area to the southwest and southeast being developed as early as 1892 and the Site being developed as early as 1958. The maps also indicate that the housing units are located at approximately 30 feet above mean sea level (msl). No additional relevant information was obtained from the topographic maps.

HISTORICAL FIRE INSURANCE MAPS

Historical Fire Insurance Maps were requested from EDR®; however, coverage was not available for the Site. The No Coverage notice is included in **Attachment E**.

HISTORICAL CITY DIRECTORIES

Historical City Directories were obtained from EDR FirstSearch. Cole Information Services was searched for the following years; 1970, 1974, 1984, 1988, 1994, 2001 and 2008, and is included in **Attachment F**. Several different occupants were identified as having occupied several of the Nantasket Avenue units over the years. Attached **Table 2** summarizes the different occupants identified in each unit.

3.2 SITE USE - CURRENT

The Site housing units operate as residential dwellings for members of the USCG. Currently the eight housing units on the Site are unoccupied.

4.0 SITE INSPECTION

Section 4.0 describes general Site observations from the October 7, 2014 Site visit. Photographs of selected Site features were taken during the Site visit. Copies of select site photographs are included in **Attachment A**.

4.1 SITE BUILDINGS AND GROUNDS

The USCG housings units are located at 1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue, Hull, Massachusetts (**Figures 1** and **2**). The Site consists of eight 1,389 square-foot, single-story, wood frame, slab-on-grade, residential housing units constructed in 1958 on 1.7 acres of land. The units were generally in good condition.

The grounds were generally in good condition. The housing units are unoccupied; however, the grounds are being maintained by the USCG.

4.2 UTILITY AREAS, HEATING, VENTILATING AND AIR CONDITIONING SYSTEM

The units are heated via natural-gas fired boilers located in the utility room of each unit. Potable water is provided by the Town of Hull. Electricity is supplied via overhead cables and natural gas is supplied underground.

4.3 DRYWELLS/STORM DRAINS

Storm water drains were observed on the south side of each housing unit. According to information provided by USCG personnel; these storm water drains discharge to the municipal system.

4.4 SURFACE WATER, PITS/PONDS/LAGOONS

The surrounding site area is located north of Hull Bay and south of the Atlantic Ocean. No pits, ponds or lagoons were observed during the site reconnaissance.

4.5 SURFACE STAINING

Some staining was noted on the paved driveway of 1157 Nantasket Ave. The staining is considered *de minimis* and is not anticipated to pose an environmental concern at the Site.

4.6 STRESSED VEGETATION

Stressed vegetation was not observed during the site visit.

4.7 STORAGE TANKS

No USTs or aboveground storage tanks (ASTs) were observed during the site reconnaissance. However, according to Mr. Chapman, USCG Facilities Supervisor for the Hull housing units out of the USCG Boston base, ASTs were formerly used to heat the housing units at the Site and were removed in August 2000. No local records could be obtained concerning the ASTs. Tetra Tech does not consider the former ASTs to be a REC.

4.8 SITE RECORDS

The Site is currently vacant. Limited records were available to Tetra Tech during completion of this Phase I EDDA. Records which were reviewed are discussed in pertinent sections of this report.

4.9 WASTEWATER

The Site housing units are connected to municipal sewer and have been since their construction in 1958.

4.10 ELECTRICAL TRANSFORMERS AND EQUIPMENT

United States Environmental Protection Agency (USEPA) Code of Federal Regulations (CFR) Title 40, Part 761, governs the manufacturing, processing and distribution of polychlorinated biphenyls (PCBs). The guideline defines a PCB transformer as any transformer that contains 500 parts per million (ppm) PCBs. PCB-Contaminated Electrical Equipment is defined as “any electrical equipment including, but not limited to, transformers (including those used in railway locomotives and self-propelled cars), capacitors, circuit breakers, reclosers, voltage regulators, switches (including sectionalizers and motor starters), electromagnets, and cable, that contains PCBs at concentrations of greater than or equal to 50 ppm and less than 500 ppm in the contaminating fluid.”

Electricity was supplied to the Site by overhead lines. There were no electrical transformers observed on the Site.

4.11 PESTICIDE AND HERBICIDE USE

During the site reconnaissance, two rodent traps were observed inside 1167 Nantasket Avenue that would be typical of a residential home, and no herbicides were observed. These pesticide traps were used to control rodents in each of the housing units and observed to be stored in the Nantasket Avenue housing unit. Based on the nature of the site, and the quantities of pesticides observed, these materials are not anticipated to represent an environmental concern at the Site.

4.12 SENSITIVE ENVIRONMENTAL AREAS

4.12.1 THREATENED AND ENDANGERED SPECIES

Tetra Tech followed the procedures outlined on the New England Field Office web site, and reviewed the state list of counties in which federally listed endangered and threatened species occur. According to the Massachusetts list, there is one federally listed threatened species, the Piping Plover, and two federally listed endangered species including the Northern Red-bellied Cooter and the Roseate Tern present in Plymouth County. The Piping Plover is also identified as a state threatened species and the Red-bellied Cooter and Roseate Tern are identified as state endangered species. However Hull is not included on the Town Listing including these species from Plymouth County.

The next step in the U.S. Fish and Wildlife Service (USFWS) process is a review of the Massachusetts Natural Heritage and Endangered Species Program (MA NHESP) website, which lists species by Town. A review of the list indicates that there are no federally listed species in the Town of Hull. Based upon the information above, there are no federally-listed, proposed and/or candidate species known to occur on the Site or in the vicinity. Based on this information, the USFWS process allows a letter to be downloaded stating "no species are known to occur in the project area".

Tetra Tech consulted the USFWS Critical Habitat Portal to determine the presence or absence of federal critical habitat for threatened and endangered species. According to the Critical Habitat Portal, in Massachusetts, federally mapped critical habitat for the red-bellied turtle is limited to the Town of Plymouth, in Plymouth County. Coastal critical habitat for the Atlantic Right Whale is mapped in Massachusetts Bay and within the Atlantic Ocean off of Cape Cod. Therefore the Site is not located within or in the vicinity of federally mapped critical habitat. Tetra Tech did not observe any federal protected species or habitat during Site reconnaissance.

The MA NHESP maintains mapping of state listed Estimated Habitat of Rare Wildlife and Priority Habitat of Rare Species on a Geographic Information System (GIS) datalayer. A review of the datalayer shows that the Site is not located within Estimated Habitat of Rare Wildlife nor is it located in Priority Habitat of Rare Species. Within the Site vicinity, MA NHESP has mapped both Priority and Estimated Habitat within the Atlantic Ocean, located approximately 240 feet to the northeast of the Site. Tetra Tech did not observe any state protected species or habitat during Site reconnaissance.

Based on this information, the site is not located within or in the vicinity of an area mapped as containing federally-listed threatened or endangered species or designated critical habitat.

The site is not mapped as Priority Habitat of Rare Species, nor is it mapped as Estimated Habitat of Rare Wildlife.

4.12.2 WETLAND INFORMATION

Tetra Tech reviewed both federal and state wetland data layers as provided on the web based mapping. Federally protected wetlands are mapped by the US Fish and Wildlife Service as the National Wetland Inventory (NWI) data layer. State protected wetlands are mapped on Massachusetts Office of Geographic Information (MassGIS) by the MassDEP as the 12K Wetland data layer.

A review of the GIS-based NWI database shows that the Site does not contain NWI federal wetlands. A review of the MassGIS based MassDEP 12K wetland data layer shows that the site does not contain state wetlands. The web based NWI and state wetlands represent an estimation of the presence or absence of wetlands based on aerial photography and photo-interpretation and does not reflect actual site conditions. To confirm the presence or absence of wetlands subject to federal, state or local jurisdiction, a wetland scientist must perform a site inspection and field delineation. Tetra Tech also notes that the Site is located in the Coastal Zone requiring Coastal Zone Management Consistency Review. Tetra Tech did not observe wetlands during Site reconnaissance.

4.12.3 FLOODPLAIN INFORMATION

Tetra Tech reviewed the Federal Emergency Management Agency (FEMA) Flood Insurance Rate map (FIRM) flood layer information as mapped on MassGIS. Tetra Tech's review of the FIRM (Panel 25023C) shows that the Site is not located within the 100 year flood plain, 500 year flood plain, or floodway. No flood conditions were observed during Site reconnaissance.

4.13 HISTORIC AND CULTURAL SIGNIFICANCE

4.13.1 ARCHAEOLOGICAL AND ARCHITECTURAL RESOURCES

The Massachusetts Historical Commission (MHC) maintains a web based data base known as the Massachusetts Cultural Resources Information System (MACRIS). MACRIS data are compiled from a variety of records and files maintained by the MHC, including but not limited to, the Inventory of Historic Assets of the Commonwealth, National Register of Historic Places nominations, State Register of Historic Places listings, and local historic district study reports. The resource types identified by the database query include areas, buildings, burial grounds, objects and structures. Tetra Tech reviewed the MACRIS database layer for the presence or absence of mapped historic resources. According to the State Historical Preservation Office (SHPO), MACRIS does not include archaeological resources and a file review at MHC must be undertaken.

Based on a review of MACRIS the site is not located within a mapped historic resource area. The immediate abutting property to the south is mapped with the Hull Village Historic District. In addition, a Point of Interest, Telegraph Hill, is also located south of the Site.

Tetra Tech conducted a review of the SHPO files for archaeological resources and the Site does not include any mapped archaeological resources. Tetra Tech did not observe any cultural or historical resources during Site reconnaissance.

4.14 INDOOR AIR

MOLD

Mold was not observed during the site reconnaissance.

RADON GAS

Radon gas is a colorless, odorless gas that occurs naturally from the breakdown of uranium. Radon can be found in high concentrations where there are soils and rocks containing high levels of uranium, granite, shale or phosphate. In open air or in areas with high air circulation, radon is not considered a health problem. However, in confined spaces (such as poorly ventilated basements), radon can concentrate and become a health hazard.

The USEPA has classified Plymouth County, Massachusetts as being located within the USEPA Radon Zone 2, with indoor average radon levels between greater than 2 and less than 4 picocuries per Liter (pCi/L). Based on information provided by the USCG, radon testing has not been conducted at the Site.

The USEPA Radon threshold value for radon in indoor air is 4 pCi/L. Although the radon concentrations in the area are typically below the USEPA threshold value, radon concentrations are expected to vary locally. Potential radon concentrations at the Site cannot be predicted.

No potential hazard dust or material that might affect the indoor air quality was observed during the site reconnaissance. Therefore, indoor air is not anticipated to be a concern at the Site.

4.15 RADIOACTIVE MATERIALS

USCG personnel were not aware of permitted radiological activities or materials at the Site. No information obtained indicated radioactive material use or storage within the neighboring properties. Therefore, radioactive materials are not considered a concern associated with this Site.

4.16 ASBESTOS

Information provided by the USCG indicates that an asbestos-containing materials (ACM) survey and condition/risk assessment may have been previously conducted at the site, but was not made available to Tetra Tech. In accordance with the Scope of Work, Tetra Tech completed an inspection for suspect ACMs on October 8 and October 31, 2014. The inspection was conducted by Mr. Matt Madden of Tetra Tech (accreditation number A1900151).

Asbestos was assessed in each of the buildings and detected in certain materials in four of the buildings. ACM identified in the buildings include:

- 1153 Nantasket Avenue: 9”x9” grey floor tile below carpet, 9”x9” black floor tile in the furnace room, penetration mastic on the roof (non-friable)
- 1155 Nantasket Avenue: joint compound (friable)
- 1157 Nantasket Avenue: none detected
- 1159 Nantasket Avenue: tile below carpet in hallway (non-friable)
- 1161 Nantasket Avenue: none detected
- 1163 Nantasket Avenue: 9”x9” grey floor tile below carpet (non-friable)
- 1165 Nantasket Avenue: none detected
- 1167 Nantasket Avenue: none detected

Joint compound at 1155 Nantasket Avenue was confirmed as friable ACM. The confirmed friable ACM is considered a concern. A detailed ACM survey and condition/risk assessment, findings and recommendations is included in *Asbestos Containing Material Survey Report* prepared by Tetra Tech dated July 2015.

4.17 LEAD-BASED PAINT

Information provided by the USCG indicates that a lead-based paint (LBP) survey was not previously conducted at the Site. As such, Tetra Tech contracted Master Lead Paint Inspections to complete a LBP inspection during the Environmental Compliance Due Diligence Activities using x-ray fluorescent (XRF). The objective of the LBP inspection was to determine if LBP exists on the property and if so, the locations and concentration of each painted surface.

The LBP inspection indicated that no lead concentrations at or above the USEPA/Department of Housing and Urban Development (HUD) definition of lead-based paint (1.0 milligram per square centimeter [mg/cm^2]) were detected on tested coatings. All tested component coatings had lead concentrations below 1.0 mg/cm^2. The LBP inspection report, findings, and recommendations are included in *Lead-Based Inspection and Risk Assessment Report* prepared by Tetra Tech dated July 2015.

4.18 LEAD IN SOIL

In accordance with the Scope of Work (SOW), Tetra Tech collected two soil samples per exterior structure wall. Soil sample locations were within five feet (drip line) of each exterior wall. Two soil samples were collected at each location, at the surface (0 to 3 inches) below ground surface (bgs) and 6 to 9 inches bgs. A total of 64 soil samples were collected. The samples were containerized and shipped under standard chain of custody procedures to Alpha Analytical Laboratories, Inc. (Alpha)

located in Westborough, Massachusetts. The samples were submitted for total lead analysis by USEPA SW-846 Method 6010C.

Following receipt of the analytical laboratory report, Tetra Tech compared the soil analytical results to the USEPA Direct Contact Clean up Level Criterion of 400 milligram per kilogram (mg/kg) and the Massachusetts Contingency Plan (MCP) Reportable Concentration Standard for Soil (RCS-1) standard of 200 mg/kg. Soil analytical results indicated that lead was detected in concentrations ranging between 11 mg/kg and 190.0 mg/kg, below the USEPA and MCP RCS-1 standards. The lead in soil analytical report is summarized in *Lead in Soil Sampling Report* prepared by Tetra Tech dated July 2015.

4.19 FACILITY DOCUMENTATION

According to information provided to Tetra Tech from GSA and USCG, the Site has been used for residential housing since construction of the structures in 1958. No documentation of facility records associated with hazardous materials or hazardous wastes were available for review according to the Site contact. No additional information was available for review according to GSA and USCG personnel.

5.0 REGULATORY REVIEW

5.1 RECORDS REVIEW

Various State and Federal lists that identify properties with confirmed or possible contamination, facilities that generate hazardous wastes, sites with USTs, and properties involved in Federal enforcement actions were reviewed to assess the environmental status of the Site. **Table 2** presents a summary of the information provided by EDR® for the Site. The complete EDR® FirstSearch Report is provided in **Attachment B**.

Table 2. EDR® FirstSearch Report Summary

Database Reference	EDR® Search Radius (Miles)	Subject Site	Surrounding/Adjoining Properties
NPL PROPOSED NPL	1.00 1.00	Not Listed Not Listed	0 Listed 0 Listed
DELISTED NPL CERCLIS	1.00 0.500	Not Listed Not Listed	0 Listed 0 Listed
CERC-NFRAP CORRACTS RCRA-TSDF	0.500 1.000 0.500	Not Listed Not Listed Not Listed	1 Listed 0 Listed 0 Listed
RCRA-LQG RCRA-SQG RCRA-CESQG	0.250 0.250 0.250	Not Listed Not Listed Not Listed	0 Listed 0 Listed 0 Listed
US ENG CONTROLS US INST CONTROL	0.500 0.500	Not Listed Not Listed	0 Listed 0 Listed
ERNS SHWS	TP 1.000	Not Listed Not Listed	0 Listed 8 Listed
SWF/LF	0.500	Not Listed	1 Listed
LUST LAST	0.500 0.250	Not Listed Not Listed	2 Listed 4 Listed
AST UST	0.250 0.250	Not Listed Not Listed	0 Listed 1 Listed
US BROWNFIELDS	0.500		0 LISTED
US CDL	TP	Not Listed	0 Listed
CDL	TP	Not Listed	0 Listed
HMIRS SPILLS	TP TP	Not Listed Not Listed	0 Listed 0 Listed
RCRA NONGEN/NLR	0.250	Not Listed	0 Listed
TRIS	TP	Not Listed	0 Listed

Database Reference	EDR® Search Radius (Miles)	Subject Site	Surrounding/Adjoining Properties
TSCA	TP	Not Listed	0 Listed
FTTS	TP	Not Listed	0 Listed
HIST FTTS	TP	Not Listed	0 Listed
SSTS	TP	Not Listed	0 Listed
ICIS	TP	Not Listed	0 Listed
PADS	TP	Not Listed	0 Listed
MLTS	TP	Not Listed	0 Listed
RADINFO	TP	Not Listed	0 Listed
FINDS	TP	Not Listed	0 Listed
RAATS	TP	Not Listed	0 Listed
DRYCLEANERS	0.500	Not Listed	0 Listed

NOTES:

AST=ABOVEGROUND STORAGE TANKS
CDL=CLANDESTINE DRUG LABS
CERCLIS=COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION, AND LIABILITY INFORMATION SYSTEM
CERC-NFRAP=CERCLIS NO FURTHER REMEDIAL ACTION PLANNED
CORRACTS=CORRECTIVE ACTION REPORT
DELISTED NPL=NATIONAL PRIORITY LIST DELETIONS
ERNS=EMERGENCY RESPONSE NOTIFICATION SYSTEM
FINDS=FACILITY INDEX SYSTEM/FACILITY REGISTRY SYSTEM
FTTS-FIFRA/TSCA TRACKING SYSTEM – FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, & RODENTICIDE ACT)/TSCA (TOXIC SUBSTANCES CONTROL ACT)
HIST FTTS=FIFRA/TSCA TRACKING SYSTEM ADMINISTRATIVE CASE LISTING
HMIRS=HAZARDOUS MATERIALS INFORMATION REPORTING SYSTEM
ICIS=INTEGRATED COMPLIANCE INFORMATION SYSTEM
INDIAN RESERV=INDIAN RESERVATIONS
LAST=LEAKING ABOVEGROUND STORAGE TANK
LUST=LEAK SITES
MLTS=MATERIAL LICENSING TRACKING SYSTEM
NPL=NATIONAL PRIORITY LIST
PADS=PCB ACTIVITY DATABASE SYSTEM
PROPOSED NPL=PROPOSED NATIONAL PRIORITY LIST SITES
RAATS=RCRA ADMINISTRATIVE ACTION TRACKING SYSTEM
RADINFO=RADIATION INFORMATION DATABASE
RCRA NONGEN / NLR=RCRA - NON GENERATORS
RCRA-CESQG=RCRA-CONDITIONALLY EXEMPT SMALL QUANTITY GENERATOR
RCRA-LQG=RCRA-LARGE QUANTITY GENERATORS
RCRA-SQG=RCRA-SMALL QUANTITY GENERATORS
RCRA-TSDF=RCRA-TREATMENT, STORAGE AND DISPOSAL
SCRD DRYCLEANERS=STATE COALITION FOR REMEDIATION OF DRYCLEANERS LISTING
SHWS=SUPERFUND SITE INFORMATION LISTING
SPILLS=SPILLS DATABASE
SSTS=SECTION 7 TRACKING SYSTEMS
SWF/LF=PERMITTED SOLID WASTE DISPOSAL FACILITIES

TP=TARGET PROPERTY
TRIS=TOXIC CHEMICAL RELEASE INVENTORY SYSTEM
TSCA=TOXIC SUBSTANCES CONTROL ACT
US BROWNFIELDS=A LISTING OF BROWNFIELDS SITES
US CDL=CLANDESTINE DRUG LABS
US ENG CONTROLS=ENGINEERING CONTROLS SITES LIST
US INST CONTROL=SITES WITH INSTITUTIONAL CONTROLS
UST=UNDERGROUND STORAGE TANK DATABASE

5.1.1 SITE

The Site was not identified on the State or Federal databases searched by EDR®.

5.1.2 SURROUNDING AREAS

Eleven sites were identified on State or Federal database lists searched by EDR® within their respective search radii. A review of the State and tribal SHWS list, as provided by EDR, and dated 08/26/2014, has revealed that there are four sites within 1.0 mile of the Site. A review of the State and tribal LUST list, as provided by EDR, and dated 8/26/2014, has revealed that there are two sites within 0.5 mile of the Site. A review of the State and tribal LAST list, as provided by EDR, and dated 8/26/2014, has revealed that there are four sites within 0.5 mile of the Site A review of the State and tribal UST list, as provided by EDR, and dated 7/18/2014, has revealed that there is one site within 0.25 mile of the Site.

Federal Databases: According to the federal databases reviewed, there are no National Priority List (NPL) sites, delisted NPL Sites, Resource Conservation and Recovery Act (RCRA) Treatment, Storage, and Disposal Facilities (TSDF), RCRA Federal Corrective Action Facilities (CORRACTS), Comprehensive Environmental Response, Compensation, and Liability Information System (CERCLIS) or RCRA non-CORRACTS facilities within the ASTM specified radii from the Site.

State Databases: According to the state databases reviewed, there are no Solid Waste Landfills (SWL) sites within the specified ASTM radius from the Site. Eleven State Sites were identified in the EDR FirstSearch report within the specified ASTM radii.

- **1111 Nantasket Avenue:** This property is located approximately 0.161 mile east of the Site, and is listed in the State Sites database and LAST database due to a release of approximately 254 gallons of sodium hydroxide, which constituted a two hour reporting condition. The release was reported to MassDEP on March 2, 2013 and Release Tracking Number (RTN) 4-0024500 was assigned to the release. A Class A-1 remedial action objective (RAO) was submitted to MassDEP for the release on April 30, 2013, indicating that a Permanent Solution has been achieved and contamination has been reduced to background levels or a threat of release has been eliminated. Because of this site's distance to the subject Site, and RAO status indicating a permanent solution has been achieved, this is not considered a REC.

- **24 Douglas Avenue:** This property is located approximately 0.177 mile south-southeast of the Site, and is listed in the LAST database due to a release of approximately 250 gallons of #2 fuel oil, which constituted a two hour reporting condition. The release was reported to MassDEP on December 14, 1994 and RTN 4-3011959 was assigned to the release. A Class A-2 RAO was submitted to MassDEP for the release on February 13, 1995, indicating that a Permanent Solution has been achieved and contamination has not been reduced to background levels. Because of this site's distance to the subject Site, and RAO status indicating a permanent solution has been achieved, this is not considered a REC.

- **8 Douglas Avenue:** This property is located approximately 0.192 mile south-southeast of the Site, and is listed in the LAST database due to a release of approximately 100 gallons of #2 fuel oil, which constituted a two hour reporting condition. The release was reported to MassDEP on December 9, 2004 and RTN 4-3024480 was assigned to the release. A Class A-2 RAO was submitted to MassDEP for the release on March 28, 2007, indicating that a Permanent Solution has been achieved and contamination has not been reduced to background levels. Because of this site's distance to the subject Site, and RAO status indicating a permanent solution has been achieved, this is not considered a REC.

Information pertaining to the remaining State and Spills Sites listings can be found in the EDR FirstSearch report presented in **Attachment B**. The identified State or Spills Sites are not expected to significantly impact subsurface conditions at the Site, based on their location with respect to the Site, nature of associated release(s), regulatory status, and/or distance from the Site.

5.2 LOCAL RECORDS

Tetra Tech contacted the Hull Department of Health, Assessor, Plymouth County Register of Deeds, and the Hull Fire Department. None of the agencies had environmental records for the Site. There are no current or historical records of NPDES or POTW permits for the Site.

6.0 ADJACENT AND NEIGHBORING PROPERTIES

Section 6.0 provides information on the history of neighboring properties to identify potential environmental impacts to the site.

6.1 NEIGHBORING PROPERTIES - CURRENT

The Site is primarily surrounded by single and multi-family residential homes to the east, west, north and south. No environmental concerns were observed on neighboring properties at the time of the site visit.

6.2 NEIGHBORING PROPERTIES - HISTORICAL

According to available historical documentation, the neighboring properties were residential property to north, south, east, and west. Historical aerial photographs and topographic maps are included in **Attachments C** and **D**, respectively. No historical environmental concerns were noted for the neighboring properties.

7.0 HAZARDOUS MATERIALS AND WASTE MANAGEMENT

7.1 HAZARDOUS MATERIALS

Two rodent pesticide traps were observed in housing unit 1167 Nantasket Avenue. These pesticide traps were used to control rodents in each of the housing units and observed to be stored in the Nantasket Avenue housing unit. Due to the limited quantity and residential use, this is not considered a REC. No other hazardous material storage was observed at the Site.

7.2 HAZARDOUS AND NON-HAZARDOUS WASTE MANAGEMENT

The facility does not use chemicals with the exception of those available for consumer and retail use. Based on the site inspection, records review, and interviews during the site reconnaissance, hazardous waste is not generated from the Site.

8.0 CONCLUSIONS AND RECOMMENDATIONS

Tetra Tech has performed this Phase I EDDA in conformance with the scope and limitations of the Guidance for the eight USCG housing units, located at 1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue, Hull, Massachusetts. This assessment has revealed the following findings that relate to potential for contamination or liability in connection to the Site.

8.1 CONCLUSIONS

The Phase I EDDA identified the following findings at the Site:

- The Site is currently connected to Natural Gas. According to Ron Chapman, USCG Facilities Supervisor for the Hull housing units out of the USCG Boston base, ASTs were formerly used to heat the housing units at the Site and were removed in August of 2000. No local records could be obtained concerning the ASTs. The date of connection to natural gas was reported to be August of 2000.

- Two rodent pesticide traps were observed in housing unit 1167 Nantasket Avenue. These pesticide traps were used to control rodents in each of the housing units and observed to be stored in the Nantasket Avenue housing unit. No other hazardous material storage was observed at the Site. Due to the limited quantity and residential use, this is not considered a REC.

- Some staining was noted on the paved driveway of 1157 Nantasket Ave. The staining is considered *de minimis* and not anticipated to pose an environmental concern at the Site.

- Asbestos was detected in certain materials in four of the buildings (listed below). Other units did not have ACM detected. ACM identified in the buildings include:
    - 1153 Nantasket Avenue: 9”x9” grey floor tile below carpet, 9”x9” black floor tile in the furnace room, and penetration mastic on the roof (non-friable)
    - 1155 Nantasket Avenue: joint compound (friable)
    - 1159 Nantasket Avenue: tile below carpet in hallway (non-friable)
    - 1163 Nantasket Avenue: 9”x9” grey floor tile below carpet (non-friable)

  The confirmed friable ACM found in joint compound at 1155 Nantasket Avenue is considered a concern.

- Soil sampling results around the exterior of the structures indicated that lead was present in surface soils at concentrations below the USEPA (400 mg/kg) and MCP RCS-1 (200 mg/kg) residential criteria.

- The LBP inspection indicated that no lead concentrations at or above the USEPA/HUD definition of lead-based paint (1.0 mg/cm^2) were detected on tested coatings. All tested component coatings had lead concentrations below 1.0 mg/cm^2.

- Tetra Tech followed the procedures outlined on the New England Field Office web site, and reviewed the state list of counties in which federally listed endangered and threatened species occur. According to the Massachusetts list, there is one federally listed threatened species, the Piping Plover, and two federally listed endangered species including the Northern Red-bellied Cooter and the Roseate Tern present in Plymouth County. The Piping Plover is also identified as a state threatened species and the Red-bellied Cooter and Roseate Tern are identified as state endangered species. However Hull is not included on the Town Listing including these species from Plymouth County.

- Tetra Tech consulted the USFWS Critical Habitat Portal to determine the presence or absence of federal critical habitat for threatened and endangered species. According to the Critical Habitat Portal, in Massachusetts, federally mapped critical habitat for the red-bellied turtle is limited to the Town of Plymouth, in Plymouth County. Coastal critical habitat for the Atlantic Right Whale is mapped in Massachusetts Bay and within the Atlantic Ocean off of Cape Cod. Therefore the site is not located within or in the vicinity of federally mapped critical habitat.

- Based on a review of MACRIS, the site is not located within a mapped historic resource area. The immediate abutting property to the south is mapped with the Hull Village Historic District. In addition, a Point of Interest, Telegraph Hill, is also located south of the Site.

- Tetra Tech conducted a review of the SHPO files for archaeological resources and the Site does not include any mapped archaeological resources.

- Tetra Tech's review of the FIRM (Panel 25023C) shows that the Site is not located within the 100-year flood plain, 500-year flood plain, or floodway.

- No RECs, as defined by ASTM Standard Practice E 1527-05, were identified in connection with the site. "Recognized Environmental Conditions" are "The presence or likely presence of any Hazardous Substances or Petroleum Products on a Property under conditions that indicate an existing release, a past release, or a material threat of a release of any Hazardous Substances or Petroleum Products into structures on the Property or into the ground, groundwater, or surface water of the Property. The term includes Hazardous Substances or Petroleum Products even under conditions in compliance with laws. The term is not intended to include *de minimis* conditions that generally do not present a material risk of harm to public health or the environment and that generally would not be the subject of an enforcement action if brought to the attention of appropriate governmental agencies."

8.2 RECOMMENDATIONS

Based on the conclusions outlined above, Tetra Tech has provided the following recommendations for consideration with respect to the Site.

- Prior to any renovation or demolition activity that may disturb asbestos containing materials, those materials must be abated in accordance with federal and state regulations. There is no regulatory obligation to remove asbestos containing materials that are not releasing fibers. However, the presence of ACM and/or presumed asbestos-containing material (PACM) in accordance with the Occupational Safety and Health Administration (OSHA) Asbestos Standard for General Industry (29 CFR 1910.1001) means that building owners must make their employees aware of the presence and location of ACM and PACM. If the buildings will be occupied in the future, an Asbestos Operations Maintenance Plan can be used to document compliance with OSHA.
- Tetra Tech recommends all pesticides be removed from the housing units and disposed of properly.
- If the buildings are to be renovated and/or demolished, we recommend supplemental destructive sampling be conducted to identify asbestos containing materials that may not be accessible. Identified asbestos containing materials must be abated prior to the start of the renovation/demolition work.

8.3 LIMITATIONS

The conclusions of this report are professional opinions based solely upon visual site observations, and interpretations of analyses as described in this report. The opinions presented within this report apply to the site conditions existing at the time of the investigations, and interpretation of current regulations. Therefore, opinions and recommendations provided within this report might not apply to future conditions that may exist at the Site.

The current regulations should always be verified prior to any work involving asbestos or other regulated materials. The asbestos survey is not intended to be used as an abatement design document. All existing conditions, quantities, and locations should be verified prior to abatement. ACM may be found within wall cavities, above ceilings, in pipe chases, within attics, or other inaccessible areas. The survey did not include an investigation of potentially buried piping within or in the vicinity of the structures.

We declare that, to the best of our professional knowledge and belief, we meet the definition of Environmental Professional as defined in 40 CFR 312.10 of this part. We have the specific qualifications based on education, training, and experience to assess a Subject Property of the

nature, history, and setting of the Subject Property. We have developed and performed the all appropriate inquiries in general conformance with the standards and practices set forth in 40 CFR Part 312 and attest to the completeness and accuracy of the information contained in this report.

Site Assessor/Report Author

Mr. Alex Ranieri

Technical Reviewer

Mr. Tim D. Ward

Technical Reviewer

Mr. Jimmy Kehs

Quality Control Coordinator

Mr. Steve MacNeill

FIGURES

Legend

Approximate Property Boundary

N
W E
S

0 1,000 2,000
Feet

SOURCE: MODIFIED FROM USGS, HULL, MA 1971 QUADRANGLE.

FIGURE 1
SITE LOCATION MAP

US Coast Guard Housing Units
8 Housing Units on Nantasket Avenue
Hull, Massachusetts 02045

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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Legend

Approximate Property Boundary

P Pesticide Traps

N
W E
S

0 75 150
Feet

SOURCE: MODIFIED FROM ESRI AERIAL IMAGERY, 2010-2012.

FIGURE 2
SITE LAYOUT MAP

US Coast Guard Housing Units
8 Housing Units Nantasket Avenue
Hull, Massachusetts 02045

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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ATTACHMENT A:
PHASE I EDDA SITE PHOTOGRAPHS

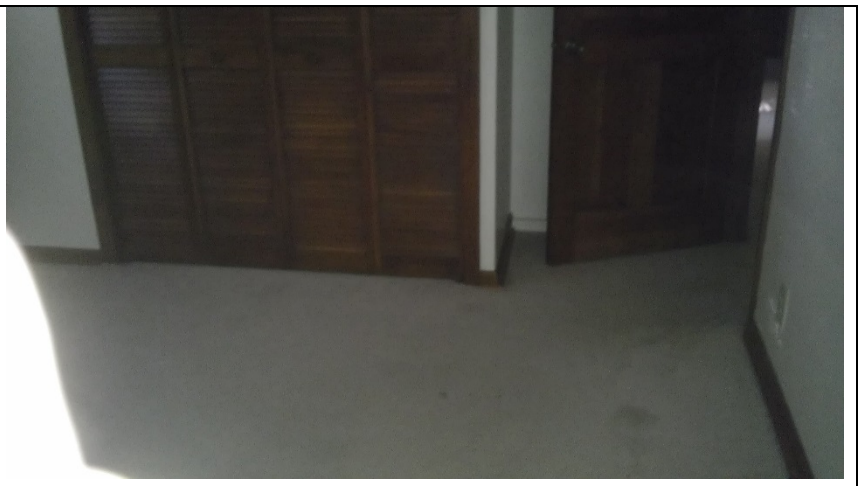
Photographic Documentation
USCG Hull, Massachusetts Housing Units
1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue
Project No. 103G1058243.001

Photo: 1 **Description:** View of the residential housing units located on the Site from Nantasket Avenue, facing southwest.	

Photo: 2 **Description:** View of a typical gas-fired furnace located in each housing unit on the Site.	

Photographic Documentation
USCG Hull, Massachusetts Housing Units
1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue
Project No. 103G1058243.001

Photo: 3 **Description:** View of a typical kitchen and living room layout found in each housing unit on the site.	

Photo: 4 **Description:** View of a typical bedroom with *de minimis* carpet staining found in each housing unit on the site.	

Photographic Documentation
USCG Hull, Massachusetts Housing Units
1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue
Project No. 103G1058243.001

Photo: 5 **Description:** View of a storm drain located on the southern portion of the Site.	

Photo: 6 **Description:** View of single-family residential properties located adjacent to the north of the Site, facing north.	

Photographic Documentation
USCG Hull, Massachusetts Housing Units
1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue
Project No. 103G1058243.001

Photo: 7 **Description:** View of multi-family residential properties located adjacent to the south of the Site, facing south.	

Photo: 8 **Description:** View single-family residential properties located adjacent to the east of the Site, facing east.	

Photographic Documentation
USCG Hull, Massachusetts Housing Units
1153, 1155, 1157, 1159, 1161, 1163, 1165, and 1167 Nantasket Avenue
Project No. 103G1058243.001

Photo: 9 **Description:** View of the western boundary of the Site, facing west. Beyond the tree line are single-family residential properties.	

ATTACHMENT B:
ENVIRONMENTAL DATA RESOURCES, INC. FIRSTSEARCH REPORT

Hull
1153 Nantasket Avenue
Hull, MA 02045

Inquiry Number: 4096661.2s
October 06, 2014

FirstSearch Report

EDR® Environmental Data Resources Inc

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

Search Summary Report

TARGET SITE **1153 NANTASKET AVENUE**
HULL, MA 02045

Category	Sel	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
NPL	Y	0	0	0	0	0	0	0
NPL Delisted	Y	0	0	0	0	0	0	0
CERCLIS	Y	0	0	0	0	-	0	0
NFRAP	Y	0	0	0	0	-	1	1
RCRA COR ACT	Y	0	0	0	0	0	0	0
RCRA TSD	Y	0	0	0	0	-	0	0
RCRA GEN	Y	0	0	0	-	-	0	0
Federal IC / EC	Y	0	0	0	0	-	0	0
ERNS	Y	0	-	-	-	-	0	0
State/Tribal CERCLIS	Y	0	0	1	1	2	4	8
State/Tribal SWL	Y	0	0	0	0	-	1	1
State/Tribal LTANKS	Y	0	0	5	1	-	0	6
State/Tribal Tanks	Y	0	0	1	-	-	0	1
State/Tribal IC / EC	Y	0	0	0	0	-	0	0
ST/Tribal Brownfields	Y	0	0	0	0	-	0	0
US Brownfields	Y	0	0	0	0	-	0	0
Other Haz Sites	Y	0	-	-	-	-	0	0
Spills	Y	0	-	-	-	-	4	4
Other	Y	0	0	0	-	-	4	4
	- Totals --	0	0	7	2	2	14	25

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Search Summary Report

TARGET SITE: **1153 NANTASKET AVENUE**
HULL, MA 02045

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
NPL	NPL	10/25/2013	1.000	0	0	0	0	0	0	0
	Proposed NPL	10/25/2013	1.000	0	0	0	0	0	0	0
NPL Delisted	Delisted NPL	10/25/2013	1.000	0	0	0	0	0	0	0
CERCLIS	CERCLIS	10/25/2013	0.500	0	0	0	0	-	0	0
NFRAP	CERC-NFRAP	10/25/2013	0.500	0	0	0	0	-	1	1
RCRA COR ACT	CORRACTS	06/10/2014	1.000	0	0	0	0	0	0	0
RCRA TSD	RCRA-TSDF	06/10/2014	0.500	0	0	0	0	-	0	0
RCRA GEN	RCRA-LQG	06/10/2014	0.250	0	0	0	-	-	0	0
	RCRA-SQG	06/10/2014	0.250	0	0	0	-	-	0	0
	RCRA-CESQG	06/10/2014	0.250	0	0	0	-	-	0	0
Federal IC / EC	US ENG CONTROLS	06/23/2014	0.500	0	0	0	0	-	0	0
	US INST CONTROL	06/23/2014	0.500	0	0	0	0	-	0	0
ERNS	ERNS	09/30/2013	TP	0	-	-	-	-	0	0
State/Tribal CERCLIS	SHWS	08/26/2014	1.000	0	0	1	1	2	4	8
State/Tribal SWL	SWF/LF	02/27/2014	0.500	0	0	0	0	-	1	1
State/Tribal LTANKS	LUST	08/26/2014	0.500	0	0	1	1	-	0	2
	LAST	08/26/2014	0.500	0	0	4	0	-	0	4
	INDIAN LUST	02/01/2013	0.500	0	0	0	0	-	0	0
State/Tribal Tanks	UST	07/18/2014	0.250	0	0	1	-	-	0	1
	AST	10/22/2009	0.250	0	0	0	-	-	0	0
	INDIAN UST	02/01/2013	0.250	0	0	0	-	-	0	0
State/Tribal IC / EC	INST CONTROL	08/26/2014	0.500	0	0	0	0	-	0	0
ST/Tribal Brownfields	BROWNFIELDS	01/01/2014	0.500	0	0	0	0	-	0	0
US Brownfields	US BROWNFIELDS	07/01/2014	0.500	0	0	0	0	-	0	0

Search Summary Report

TARGET SITE: **1153 NANTASKET AVENUE**
HULL, MA 02045

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
Other Haz Sites	US CDL	05/28/2014	TP	0	-	-	-	-	0	0
Spills	HMIRS	06/30/2014	TP	0	-	-	-	-	0	0
	SPILLS	09/30/1993	TP	0	-	-	-	-	0	0
	RELEASE	08/26/2014	TP	0	-	-	-	-	4	4
	SPILLS 80	03/10/1998	TP	0	-	-	-	-	0	0
	SPILLS 90	12/11/2012	TP	0	-	-	-	-	0	0
Other	RCRA NonGen / NLR	06/10/2014	0.250	0	0	0	-	-	0	0
	TRIS	12/31/2011	TP	0	-	-	-	-	0	0
	TSCA	12/31/2006	TP	0	-	-	-	-	0	0
	FTTS	04/09/2009	TP	0	-	-	-	-	0	0
	SSTS	12/31/2009	TP	0	-	-	-	-	0	0
	ICIS	05/06/2014	TP	0	-	-	-	-	0	0
	PADS	06/01/2013	TP	0	-	-	-	-	0	0
	MLTS	07/22/2013	TP	0	-	-	-	-	0	0
	RADINFO	07/07/2014	TP	0	-	-	-	-	0	0
	FINDS	11/18/2013	TP	0	-	-	-	-	4	4
	RAATS	04/17/1995	TP	0	-	-	-	-	0	0
	NPDES	02/18/2014	TP	0	-	-	-	-	0	0
	INDIAN RESERV	12/31/2005	1.000	0	0	0	0	0	0	0
	PRP	04/15/2013	TP	0	-	-	-	-	0	0
	US AIRS	10/23/2013	TP	0	-	-	-	-	0	0
	GWDP	09/01/2011	0.250	0	0	0	-	-	0	0
	- Totals --			0	0	7	2	2	14	25

Site Information Report

Request Date:	OCTOBER 6, 2014	**Search Type:**	COORD
Request Name:	KAILYNE CULLINANE	**Job Number:**	NA

Target Site: 1153 NANTASKET AVENUE
HULL, MA 02045

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)		UTMs
Longitude:	70.904000	70.9040000 - 70˚ 54' 14.40''	Easting:	343066.8
Latitude:	42.306400	42.3064000 - 42˚ 18' 23.04''	Northing:	4685338.0
Elevation:	30 ft. above sea level		Zone:	Zone 19

Demographics

Sites: 11 **Non-Geocoded:** 14 **Population:** N/A

RADON

Federal EPA Radon Zone for PLYMOUTH County: 2

Note: Zone 1 indoor average level > 4 pCi/L.
: Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
: Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 02045

Number of sites tested: 5

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.020 pCi/L	100%	0%	0%

Federal Area Radon Information for PLYMOUTH COUNTY, MA

Number of sites tested: 113

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.032 pCi/L	95%	5%	0%
Living Area - 2nd Floor	0.700 pCi/L	100%	0%	0%
Basement	3.990 pCi/L	87%	12%	1%

Site Information Report

RADON

State Database: MA Radon

Radon Test Results

County	% of sites>4 pCi/L	Median
PLYMOUTH	12	1.4

Target Site Summary Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

TOTAL: 25 GEOCODED: 11 NON GEOCODED: 14

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.

No sites found for target address

Sites Summary Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

TOTAL: 25 GEOCODED: 11 NON GEOCODED: 14

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A1	LAST --4-0024500 / RAO	HULL WPCF	1111 NANTASKET AVE HULL, MA 02045	0.16 East	- 20	1
A1	UST --19424 --In Use	HULL WPCF	1111 NANTASKET AVE HULL, MA 02045	0.16 East	- 20	3
A2	SHWS --4-0024680 / RAO	HULL WWTP	1111 NANTASKET AVE HULL, MA	0.16 East	- 20	4
B3	LAST --4-3011959 / RAO	BERES RESIDENCE	24 DOUGLAS AVENUE EXT HULL, MA 02045	0.18 SSE	+ 39	6
B4	LAST --4-3024480 / RAO	BASSETT RESIDENCE	8 DOUGLAS AVE HULL, MA 02045	0.19 SSE	+ 23	8
5	LUST --4-3020109 / RAO	NO LOCATION AID	155 SPRING ST HULL, MA 02045	0.22 WSW	- 10	12
6	LAST --4-0019770 / RAO	NO LOCATION AID	58 HARBORVIEW RD HULL, MA 02045	0.23 West	+ 44	14
7	LUST --4-3024481 / RAO	RESIDENCE	9 WESTERN AVE HULL, MA 02045	0.29 SW	- 7	17
8	SHWS --4-3015023 / RAO	RESIDENCE	32 HIGHLAND AVE HULL, MA 02045	0.32 SSW	+ 29	19
9	SHWS --4-3022650 / RAO	RESIDENCE	940 NANTASKET AVE HULL, MA 02045	0.69 ENE	- 17	22
10	SHWS --4-3020090 / RAO	USCG	PT ALLERTON STA HULL, MA 02045	0.80 WSW	- 30	24

Sites Summary Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

TOTAL: 25 GEOCODED: 11 NON GEOCODED: 14

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	RELEASE --4-3017016 / URAM	NO LOCATION AID	RTE 228 NANTASKET AVE HULL, MA 02045	NON GC	N/A	N/A
	SHWS --4-3017016 / URAM	NO LOCATION AID	RTE 228 NANTASKET AVE HULL, MA 02045	NON GC	N/A	N/A
	FINDS	HULL WIND II	DUMP ACCESS ROAD HULL, MA 02045	NON GC	N/A	N/A
	RELEASE --4-3018805 / RAO	WARE RIVER	HINGHAM HBR HULL, MA 02045	NON GC	N/A	N/A
	SHWS --4-3018805 / RAO	WARE RIVER	HINGHAM HBR HULL, MA 02045	NON GC	N/A	N/A
	CERC-NFRAP --MA0001410851	HULL BAY	JAMES AVE HULL, MA 02045	NON GC	N/A	N/A
	RELEASE --4-0024893 / UNCLSS	BOSTON LIGHT FUEL OIL LEAK	LITTLE BREWSTER ISLAND HULL, MA 02045	NON GC	N/A	N/A
	SHWS --4-0024893 / UNCLSS	BOSTON LIGHT FUEL OIL LEAK	LITTLE BREWSTER ISLAND HULL, MA 02045	NON GC	N/A	N/A
	FINDS	HULL RECYCLE CENTER	LOGAN AVE LANDFILL HULL, MA 02045	NON GC	N/A	N/A
	SWF/LF --Active	HULL LANDFILL	LOGAN AVE HULL, MA 02045	NON GC	N/A	N/A
	FINDS	HULL LANDFILL	LOGAN AVE HULL, MA 02045	NON GC	N/A	N/A
	RELEASE --4-3020039 / RAO	OUTER BREWSTER ISLAND	OUTER BREWSTER IS HULL, MA 02045	NON GC	N/A	N/A
	SHWS --4-3020039 / RAO	OUTER BREWSTER ISLAND	OUTER BREWSTER IS HULL, MA 02045	NON GC	N/A	N/A

Sites Summary Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

TOTAL: 25 GEOCODED: 11 NON GEOCODED: 14

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	FINDS	HULL	TOWN OF HULL HULL, MA 02045	NON GC	N/A	N/A

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: U000227919 **DIST/DIR:** 0.161 East **ELEVATION:** 10 **MAP ID:** A1

NAME: HULL WPCF

ADDRESS: 1111 NANTASKET AVE
HULL, MA 02045
PLYMOUTH

SOURCE: MA Department of Environmental Protection

Rev: 08/26/2014
ID/Status: 4-0024500 / RAO

LAST:
Release Tracking Number/Current Status: 4-0024500 / RAO
Source Type: AST
Release Town: HULL
Notification Date: 03/02/2013
Category: TWO HR
Associated ID: Not reported
Status Date: 04/30/2013
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material: Hazardous Material

Chemicals:
Chemical: SODIUM HYDROXIDE
Quantity: 254 gallons
Location Type: MUNICIPAL
Source: AST

Actions:
Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 3/2/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/25/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 4/30/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 4/30/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: U000227919 **DIST/DIR:** 0.161 East **ELEVATION:** 10 **MAP ID:** A1

NAME: HULL WPCF

ADDRESS: 1111 NANTASKET AVE
HULL, MA 02045
PLYMOUTH

SOURCE: MA Department of Environmental Protection

Rev: 08/26/2014
ID/Status: 4-0024500 / RAO

Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 4/9/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 5/15/2013
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

UST

EDR ID: U000227919 **DIST/DIR:** 0.161 East **ELEVATION:** 10 **MAP ID:** A1

NAME: HULL WPCF

ADDRESS: 1111 NANTASKET AVE
HULL, MA 02045
PLYMOUTH

SOURCE: MA Department of Fire Services, Office of the Public Safety

Rev: 07/18/2014
ID/Status: 19424
ID/Status: In Use

UST:

Facility:
Facility ID: 19424
Owner Id: 6905
Owner: TOWN OF HULL BOARD OF SELECTMEN
Owner Address: 253 ATLANTIC AVE
Owner City,St,Zip: HULL, MA 02045
Telephone: (781) 925-0906
Description: Industrial
Fire Dept. ID: 23142
Date of Inspection: 06/06/2013

Tank ID: 1
Serial Number: Not reported
Tank Status: In Use
Status Date: Not reported
Date Installed: 09/24/1974
Capacity: 10000
Contents: Fuel Oil
Tank Type: 1 Wall
Tank Usage: Generator
Tank Material: Reinforced
Tank Leak Detection: Not reported
Pipe Material: Copper
Pipe Container: 1 Wall
Pipe Leak Detection: Suction: Check Valve at Tank w/ Line Tightness
Above Ground: No

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

SHWS

EDR ID: S114004852 **DIST/DIR:** 0.161 East **ELEVATION:** 10 **MAP ID:** A2

NAME: HULL WWTP

ADDRESS: 1111 NANTASKET AVE
HULL, MA

Rev: 08/26/2014
ID/Status: 4-0024680 / RAO

SOURCE: MA Department of Environmental Protection

SHWS:
Release Tracking Number/Current Status: 4-0024680 / RAO
Release Town: HULL
Notification Date: 08/16/2013
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 10/15/2013
Phase: Not reported
Response Action Outcome: B1 - Remedial actions have not been conducted because a level of No Significant Risk exists.
Oil Or Haz Material: Hazardous Material
Location Type: MUNICIPAL

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: HYDROGEN SULFIDE (H2S)
Quantity: 18 parts per million

Actions:
Action Type: RNFE
Action Status: Transmittal, Notice, or Notification Received
Action Date: 10/14/2013
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 10/15/2013
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 10/15/2013
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 10/30/2013
Response Action Outcome: Remedial actions have not been conducted because a level of No

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

SHWS

EDR ID: S114004852 **DIST/DIR:** 0.161 East **ELEVATION:** 10 **MAP ID:** A2

NAME: HULL WWTP

ADDRESS: 1111 NANTASKET AVE
HULL, MA

Rev: 08/26/2014
ID/Status: 4-0024680 / RAO

SOURCE: MA Department of Environmental Protection

Significant Risk exists.

Action Type: Release Disposition
Action Status: Release or TOR Less than Reporting Requirement
Action Date: 7/22/2013
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 8/16/2013
Response Action Outcome: Remedial actions have not been conducted because a level of No Significant Risk exists.

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: S102086302 **DIST/DIR:** 0.177 SSE **ELEVATION:** 69 **MAP ID:** B3

NAME: BERES RESIDENCE

ADDRESS: 24 DOUGLAS AVENUE EXT
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3011959 / RAO

SOURCE: MA Department of Environmental Protection

LAST:
Release Tracking Number/Current Status: 4-3011959 / RAO
Source Type: AST
Release Town: HULL
Notification Date: 12/14/1994
Category: TWO HR
Associated ID: Not reported
Status Date: 02/13/1995
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 200 gallons
Chemical: #2 FUEL OIL
Quantity: 250 gallons
Location Type: RESIDNTIAL
Source: AST

Actions:
Action Type: RLFA
Action Status: FOLFLD
Action Date: 12/14/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/14/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/14/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/14/1994
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: S102086302 **DIST/DIR:** 0.177 SSE **ELEVATION:** 69 **MAP ID:** B3

NAME: BERES RESIDENCE

ADDRESS: 24 DOUGLAS AVENUE EXT
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3011959 / RAO

SOURCE: MA Department of Environmental Protection

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/13/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 2/13/1995
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: S106776046 **DIST/DIR:** 0.192 SSE **ELEVATION:** 53 **MAP ID:** B4

NAME: BASSETT RESIDENCE

ADDRESS: 8 DOUGLAS AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3024480 / RAO

SOURCE: MA Department of Environmental Protection

LAST:
Release Tracking Number/Current Status: 4-3024480 / RAO
Source Type: AST
Release Town: HULL
Notification Date: 12/09/2004
Category: TWO HR
Associated ID: Not reported
Status Date: 03/28/2007
Phase: PHASE II
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Chemicals:
Chemical: #2 HEATING OIL
Quantity: 30 gallons
Chemical: FUEL OIL #2
Quantity: 100 gallons
Location Type: RESIDNTIAL
Source: AST

Actions:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 1/25/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 10/19/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 10/3/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 2
Action Status: Scope of Work Received
Action Date: 12/16/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: S106776046 **DIST/DIR:** 0.192 SSE **ELEVATION:** 53 **MAP ID:** B4

NAME: BASSETT RESIDENCE

ADDRESS: 8 DOUGLAS AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3024480 / RAO

SOURCE: MA Department of Environmental Protection

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 12/16/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 12/16/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 12/16/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 12/16/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Legal Notice Published
Action Date: 12/17/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: ALSENT
Action Date: 12/6/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 12/9/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 12/9/2004

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: S106776046 **DIST/DIR:** 0.192 SSE **ELEVATION:** 53 **MAP ID:** B4

NAME: BASSETT RESIDENCE

ADDRESS: 8 DOUGLAS AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3024480 / RAO

SOURCE: MA Department of Environmental Protection

Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/9/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 3/28/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 3/28/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 4/25/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 5/25/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 5/25/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 5/25/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: S106776046 **DIST/DIR:** 0.192 SSE **ELEVATION:** 53 **MAP ID:** B4

NAME: BASSETT RESIDENCE

ADDRESS: 8 DOUGLAS AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3024480 / RAO

SOURCE: MA Department of Environmental Protection

Action Type: Immediate Response Action
Action Status: Modified Revised or Updated Plan Received
Action Date: 9/25/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Status or Interim Report Received
Action Date: 9/25/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LUST

EDR ID: S104847484 **DIST/DIR:** 0.223 WSW **ELEVATION:** 20 **MAP ID:** 5

NAME: NO LOCATION AID

ADDRESS: 155 SPRING ST
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3020109 / RAO

SOURCE: MA Department of Environmental Protection

LUST:

Facility:
Release Tracking Number/Current Status: 4-3020109 / RAO
Status Date: 10/10/2001
Source Type: UST
Release Town: HULL
Notification Date: 11/09/2000
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Location Type: RESIDNTIAL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: WASTE OIL
Quantity: .125 inches
Chemical: WASTE OIL
Quantity: .5 inches

Actions:
Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 10/10/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 10/10/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 10/10/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

- Continued on next page -

LUST

EDR ID: S104847484 **DIST/DIR:** 0.223 WSW **ELEVATION:** 20 **MAP ID:** 5

NAME: NO LOCATION AID

ADDRESS: 155 SPRING ST
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3020109 / RAO

SOURCE: MA Department of Environmental Protection

reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 10/10/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/9/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/9/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 12/6/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: S108034502 **DIST/DIR:** 0.227 West **ELEVATION:** 74 **MAP ID:** 6

NAME: NO LOCATION AID

ADDRESS: 58 HARBORVIEW RD
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-0019770 / RAO

SOURCE: MA Department of Environmental Protection

LAST:
Release Tracking Number/Current Status: 4-0019770 / RAO
Source Type: AST
Release Town: HULL
Notification Date: 05/12/2006
Category: TWO HR
Associated ID: Not reported
Status Date: 09/08/2006
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Chemicals:
Chemical: #2 FUEL OIL
Quantity: 20 gallons
Location Type: RESIDNTIAL
Source: AST

Actions:
Action Type: Compliance and Enforcement Action
Action Status: Notice of Enforcement Conference
Action Date: 1/22/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 10/30/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: ACOP
Action Date: 11/1/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Level I - Technical Screen Audit
Action Date: 12/18/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: S108034502 **DIST/DIR:** 0.227 West **ELEVATION:** 74 **MAP ID:** 6

NAME: NO LOCATION AID

ADDRESS: 58 HARBORVIEW RD
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-0019770 / RAO

SOURCE: MA Department of Environmental Protection

Action Status: Reportable Release under MGL 21E
Action Date: 5/12/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 5/12/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 5/23/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 7/10/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 7/17/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Level I - Technical Screen Audit
Action Date: 7/20/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Compliance and Enforcement Action
Action Status: Interim Deadline Letter Issued
Action Date: 8/2/2007
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 9/8/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LAST

EDR ID: S108034502 **DIST/DIR:** 0.227 West **ELEVATION:** 74 **MAP ID:** 6

NAME: NO LOCATION AID

ADDRESS: 58 HARBORVIEW RD
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-0019770 / RAO

SOURCE: MA Department of Environmental Protection

reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 9/8/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

LUST

EDR ID: S106776108 **DIST/DIR:** 0.289 SW **ELEVATION:** 23 **MAP ID:** 7

NAME: RESIDENCE

ADDRESS: 9 WESTERN AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3024481 / RAO

SOURCE: MA Department of Environmental Protection

LUST:

Facility:
Release Tracking Number/Current Status: 4-3024481 / RAO
Status Date: 04/05/2005
Source Type: UST
Release Town: HULL
Notification Date: 12/08/2004
Category: 72 HR
Associated ID: Not reported
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil

Location Type: RESIDNTIAL
Source: UST

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: TOTAL VOCS
Quantity: 100 parts per million
Chemical: C11 THRU C22 AROMATIC HYDROCARBONS
Quantity: 810 milligrams per kilogram

Actions:
Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/13/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FOLOFF
Action Date: 1/4/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/19/2006
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

- Continued on next page -

LUST

EDR ID: S106776108 **DIST/DIR:** 0.289 SW **ELEVATION:** 23 **MAP ID:** 7

NAME: RESIDENCE

ADDRESS: 9 WESTERN AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3024481 / RAO

SOURCE: MA Department of Environmental Protection

reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 12/8/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 12/8/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 2/3/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 2/4/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 2/4/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 4/5/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 4/5/2005
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

SHWS

EDR ID: S102618462 **DIST/DIR:** 0.320 SSW **ELEVATION:** 59 **MAP ID:** 8

NAME: RESIDENCE

ADDRESS: 32 HIGHLAND AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3015023 / RAO

SOURCE: MA Department of Environmental Protection

SHWS:
Release Tracking Number/Current Status: 4-3015023 / RAO
Release Town: HULL
Notification Date: 04/18/1997
Category: 72 HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 04/23/1999
Phase: PHASE II
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil
Location Type: RESIDNTIAL
Source: PIPE

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: #2 FUEL OIL
Quantity: Not reported
Chemical: NAPL
Quantity: .5 inches

Actions:
Action Type: Response Action Outcome - RAO
Action Status: Fee Not Required - Fee Credited-FMCRA Use Only
Action Date: 10/22/2002
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: IRA Assessment Only
Action Date: 4/18/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 4/18/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

SHWS

EDR ID: S102618462 **DIST/DIR:** 0.320 SSW **ELEVATION:** 59 **MAP ID:** 8

NAME: RESIDENCE

ADDRESS: 32 HIGHLAND AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3015023 / RAO

SOURCE: MA Department of Environmental Protection

Action Status: Completion Statement Received
Action Date: 4/23/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 4/23/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Tier 2 Classification
Action Date: 4/24/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Phase 1
Action Status: Completion Statement Received
Action Date: 4/24/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Tier Classification
Action Status: Transmittal, Notice, or Notification Received
Action Date: 4/24/1998
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 4/30/1999
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 5/16/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 6/30/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

SHWS

EDR ID: S102618462 **DIST/DIR:** 0.320 SSW **ELEVATION:** 59 **MAP ID:** 8

NAME: RESIDENCE

ADDRESS: 32 HIGHLAND AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3015023 / RAO

SOURCE: MA Department of Environmental Protection

reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 6/30/1997
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

SHWS

EDR ID: S105810754 **DIST/DIR:** 0.685 ENE **ELEVATION:** 13 **MAP ID:** 9

NAME: RESIDENCE

ADDRESS: 940 NANTASKET AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3022650 / RAO

SOURCE: MA Department of Environmental Protection

SHWS:
Release Tracking Number/Current Status: 4-3022650 / RAO
Release Town: HULL
Notification Date: 03/06/2003
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 03/12/2004
Phase: Not reported
Response Action Outcome: A2 - A permanent solution has been achieved. Contamination has not been reduced to background.
Oil Or Haz Material: Oil
Location Type: RESIDNTIAL
Source: UNKNOWN

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: FUEL OIL #2
Quantity: .5 inches
Chemical: FUEL OIL #2
Quantity: Not reported

Actions:
Action Type: A Notice sent to a Potentially Responsible Party (PRP)
Action Status: A MassDEP piece of correspondence was issued (approvals, NORs, etc.
Action Date: 3/10/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: RAO Statement Received
Action Date: 3/12/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RLFA
Action Status: FLDD1A
Action Date: 3/17/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition

- Continued on next page -

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

SHWS

EDR ID: S105810754 **DIST/DIR:** 0.685 ENE **ELEVATION:** 13 **MAP ID:** 9

NAME: RESIDENCE

ADDRESS: 940 NANTASKET AVE
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3022650 / RAO

SOURCE: MA Department of Environmental Protection

Action Status: Reportable Release under MGL 21E
Action Date: 3/17/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 3/6/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 3/6/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Response Action Outcome - RAO
Action Status: Fee Received - FMCRA Use Only
Action Date: 4/2/2004
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Written Plan Received
Action Date: 5/30/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: RNF
Action Status: Reportable Release under MGL 21E
Action Date: 5/30/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Action Type: Immediate Response Action
Action Status: Completion Statement Received
Action Date: 8/15/2003
Response Action Outcome: A permanent solution has been achieved. Contamination has not been reduced to background.

Site Detail Report

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

SHWS

EDR ID: S105810667 **DIST/DIR:** 0.805 WSW **ELEVATION:** 0 **MAP ID:** 10

NAME: USCG

ADDRESS: PT ALLERTON STA
HULL, MA 02045

Rev: 08/26/2014
ID/Status: 4-3020090 / RAO

SOURCE: MA Department of Environmental Protection

SHWS:
Release Tracking Number/Current Status: 4-3020090 / RAO
Release Town: HULL
Notification Date: 11/03/2000
Category: TWO HR
Associated ID: Not reported
Current Status: Response Action Outcome
Status Date: 04/27/2001
Phase: Not reported
Response Action Outcome: A1 - A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.
Oil Or Haz Material: Oil
Location Type: FEDERAL
Source: PIPE

Click here to access the MA DEP site for this facility:

Chemicals:
Chemical: DIESEL FUEL
Quantity: 8 gallons

Actions:
Action Type: Release Disposition
Action Status: Reportable Release under MGL 21E
Action Date: 11/3/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: Immediate Response Action
Action Status: Oral Approval of Plan or Action
Action Date: 11/3/2000
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Action Type: RAO - DEP Lead
Action Status: RAO Statement Received
Action Date: 4/27/2001
Response Action Outcome: A permanent solution has been achieved. Contamination has been reduced to background or a threat of release has been eliminated.

Database Descriptions

NPL: NPL National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices. NPL - National Priority List Proposed NPL - Proposed National Priority List Sites.

NPL Delisted: DELISTED NPL The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate. DELISTED NPL - National Priority List Deletions

CERCLIS: CERCLIS CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL. CERCLIS - Comprehensive Environmental Response, Compensation, and Liability Information System

NFRAP: CERCLIS-NFRAP Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site. CERCLIS-NFRAP - CERCLIS No Further Remedial Action Planned

RCRA COR ACT: CORRACTS CORRACTS identifies hazardous waste handlers with RCRA corrective action activity. CORRACTS - Corrective Action Report

RCRA TSD: RCRA-TSDF RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste. RCRA-TSDF - RCRA - Treatment, Storage and Disposal

RCRA GEN: RCRA-LQG RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month. RCRA-LQG - RCRA - Large Quantity Generators RCRA-SQG - RCRA - Small Quantity Generators. RCRA-CESQG - RCRA - Conditionally Exempt Small Quantity Generators.

Federal IC / EC: US ENG CONTROLS A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health. US ENG CONTROLS - Engineering Controls Sites List US INST CONTROL - Sites with Institutional Controls.

ERNS: ERNS Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances. ERNS - Emergency Response Notification System

Database Descriptions

State/Tribal CERCLIS: SHWS Contains information on releases of oil and hazardous materials that have been reported to DEP. SHWS - Site Transition List

State/Tribal SWL: SWF/LF Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites. SWF/LF - Solid Waste Facility Database/Transfer Stations

State/Tribal LTANKS: LUST Sites within the Leaking Underground Storage Tank Listing that have a UST listed as its source. LUST - Leaking Underground Storage Tank Listing LAST - Leaking Aboveground Storage Tank Sites. INDIAN LUST R5 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R8 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R4 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R6 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R1 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R10 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R9 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R7 - Leaking Underground Storage Tanks on Indian Land.

State/Tribal Tanks: UST Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program. UST - Summary Listing of all the Tanks Registered in the State of Massachusetts AST - Aboveground Storage Tank Database. INDIAN UST R1 - Underground Storage Tanks on Indian Land. INDIAN UST R6 - Underground Storage Tanks on Indian Land. INDIAN UST R5 - Underground Storage Tanks on Indian Land. INDIAN UST R4 - Underground Storage Tanks on Indian Land. INDIAN UST R9 - Underground Storage Tanks on Indian Land. INDIAN UST R10 - Underground Storage Tanks on Indian Land. INDIAN UST R7 - Underground Storage Tanks on Indian Land. INDIAN UST R8 - Underground Storage Tanks on Indian Land.

State/Tribal IC / EC: INST CONTROL Activity and Use Limitations establish limits and conditions on the future use of contaminated property, and therefore allow cleanups to be tailored to these uses. INST CONTROL - Sites With Activity and Use Limitation

ST/Tribal Brownfields: BROWNFIELDS Under Massachusetts law, M.G.L. c. 21E is the statute that governs the cleanup of releases of oil and/or hazardous material to the environment. The Brownfields Act of 1998 amended M.G.L. c. 21E by establishing significant liability relief and financial incentives to spur the redevelopment of brownfields, while ensuring that the Commonwealth's environmental standards are met. Most brownfields are redeveloped with the benefit of liability protections that operate automatically under M.G.L. c. 21E. BROWNFIELDS - Completed Brownfields Covenants Listing

US Brownfields: US BROWNFIELDS Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs. US BROWNFIELDS - A Listing of Brownfields Sites

Other Haz Sites: US CDL A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments. US CDL - Clandestine Drug Labs

Database Descriptions

Spills: HMIRS Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT. HMIRS - Hazardous Materials Information Reporting System MA SPILLS - Historical Spill List. RELEASE - Reportable Releases. SPILLS 90 - SPILLS90 data from FirstSearch. SPILLS 80 - SPILLS80 data from FirstSearch.

Other: RCRA NonGen / NLR RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste. RCRA NonGen / NLR - RCRA - Non Generators TRIS - Toxic Chemical Release Inventory System. TSCA - Toxic Substances Control Act. FTTS - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). FTTS INSP - FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act). SSTS - Section 7 Tracking Systems. ICIS - Integrated Compliance Information System. PADS - PCB Activity Database System. MLTS - Material Licensing Tracking System. RADINFO - Radiation Information Database. FINDS - Facility Index System/Facility Registry System. RAATS - RCRA Administrative Action Tracking System. BRS - Biennial Reporting System. NPDES - NPDES Permit Listing. INDIAN RESERV - Indian Reservations. FEDLAND - Federal and Indian Lands. PRP - Potentially Responsible Parties. GWDP - Ground Water Discharge Permits. US AIRS (AFS) - Aerometric Information Retrieval System Facility Subsystem (AFS). US AIRS MINOR - Air Facility System Data.

Database Sources

NPL: EPA

Updated Quarterly

NPL Delisted: EPA

Updated Quarterly

CERCLIS: EPA

Updated Quarterly

NFRAP: EPA

Updated Quarterly

RCRA COR ACT: EPA

Updated Quarterly

RCRA TSD: Environmental Protection Agency

Updated Quarterly

RCRA GEN: Environmental Protection Agency

Updated Quarterly

Federal IC / EC: Environmental Protection Agency

Varies

ERNS: National Response Center, United States Coast Guard

Updated Annually

State/Tribal CERCLIS: Department of Environmental Protection

Updated Quarterly

State/Tribal SWL: Department of Environmental Protection

Updated Quarterly

State/Tribal LTANKS: Department of Environmental Protection

Updated Quarterly

State/Tribal Tanks: Department of Fire Services, Office of the Public Safety

Updated Quarterly

Database Sources

State/Tribal IC / EC: Department of Environmental Protection

Updated Quarterly

ST/Tribal Brownfields: Office of the Attorney General

Updated Annually

US Brownfields: Environmental Protection Agency

Updated Semi-Annually

Other Haz Sites: Drug Enforcement Administration

Updated Quarterly

Spills: U.S. Department of Transportation

Updated Annually

Other: Environmental Protection Agency

Varies

Street Name Report for Streets near the Target Property

Target Property: 1153 NANTASKET AVENUE
HULL, MA 02045

JOB: NA

Street Name	Dist/Dir	Street Name	Dist/Dir
Battery Rd	0.19 West		
Christine Rd	0.10 WNW		
Douglas Ave	0.18 SSE		
Driveway	0.02 SSE		
Duck Ln	0.07 ENE		
Farina Ct	0.17 SSW		
Farina Rd	0.10 SSW		
Gallops Hill Rd	0.21 SSE		
Harborview Rd	0.02 NNE		
Nantasket Ave	0.01 NNW		
Parking Lot	0.02 South		
Ripley Rd	0.18 WSW		
Spring St	0.24 SSE		
Telegraph Ave	0.23 SSW		

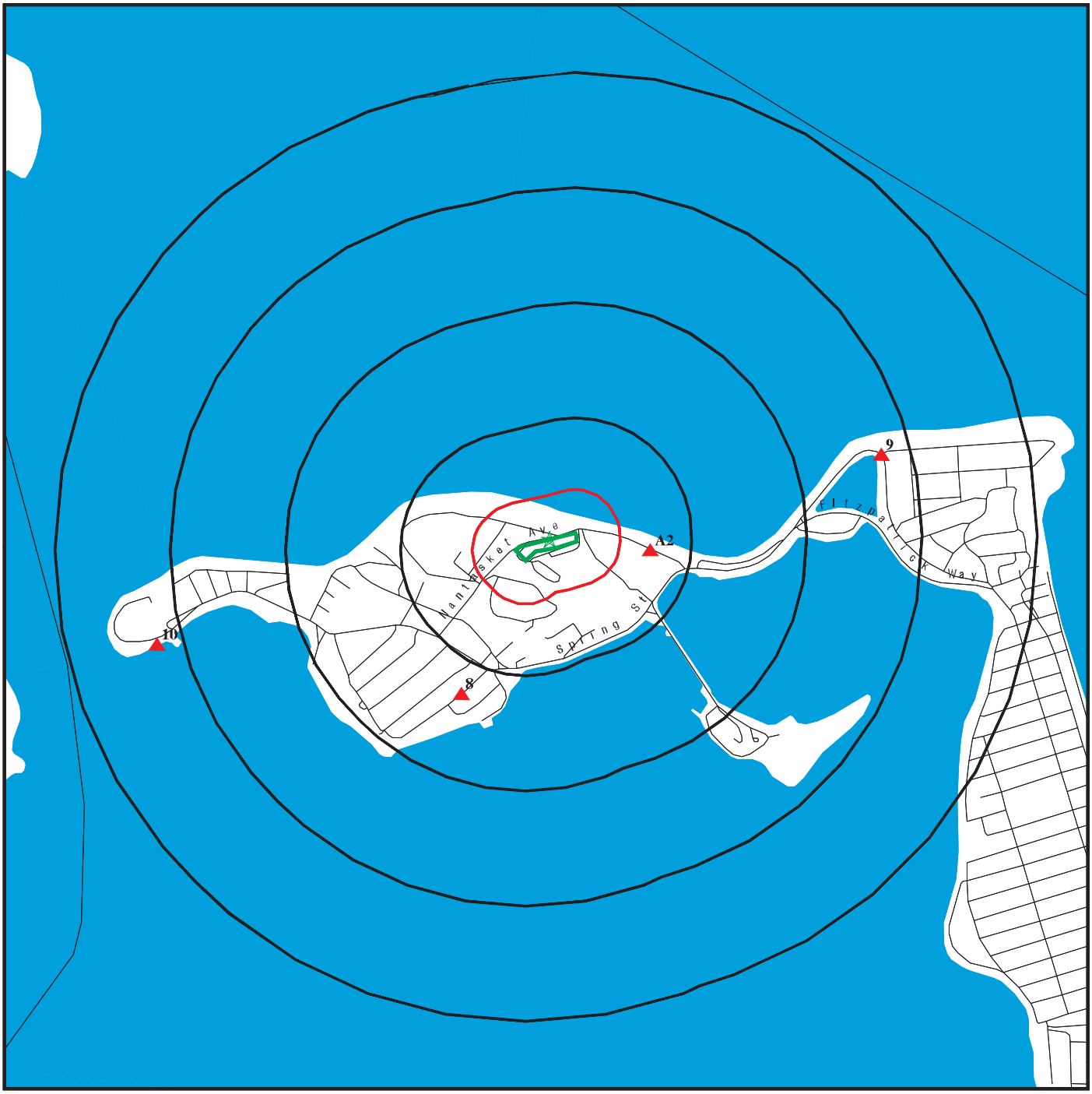
Environmental FirstSearch

1.000 Mile Radius

ASTM MAP: NPL, RCRACOR, STATES Sites

EDR® Environmental Data Resources Inc

1153 NANTASKET AVENUE HULL, MA 02045



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ Target Property (Latitude: 42.3064 Longitude: 70.904)

▲ Identified Sites

National Priority List Sites

Indian Reservations BIA

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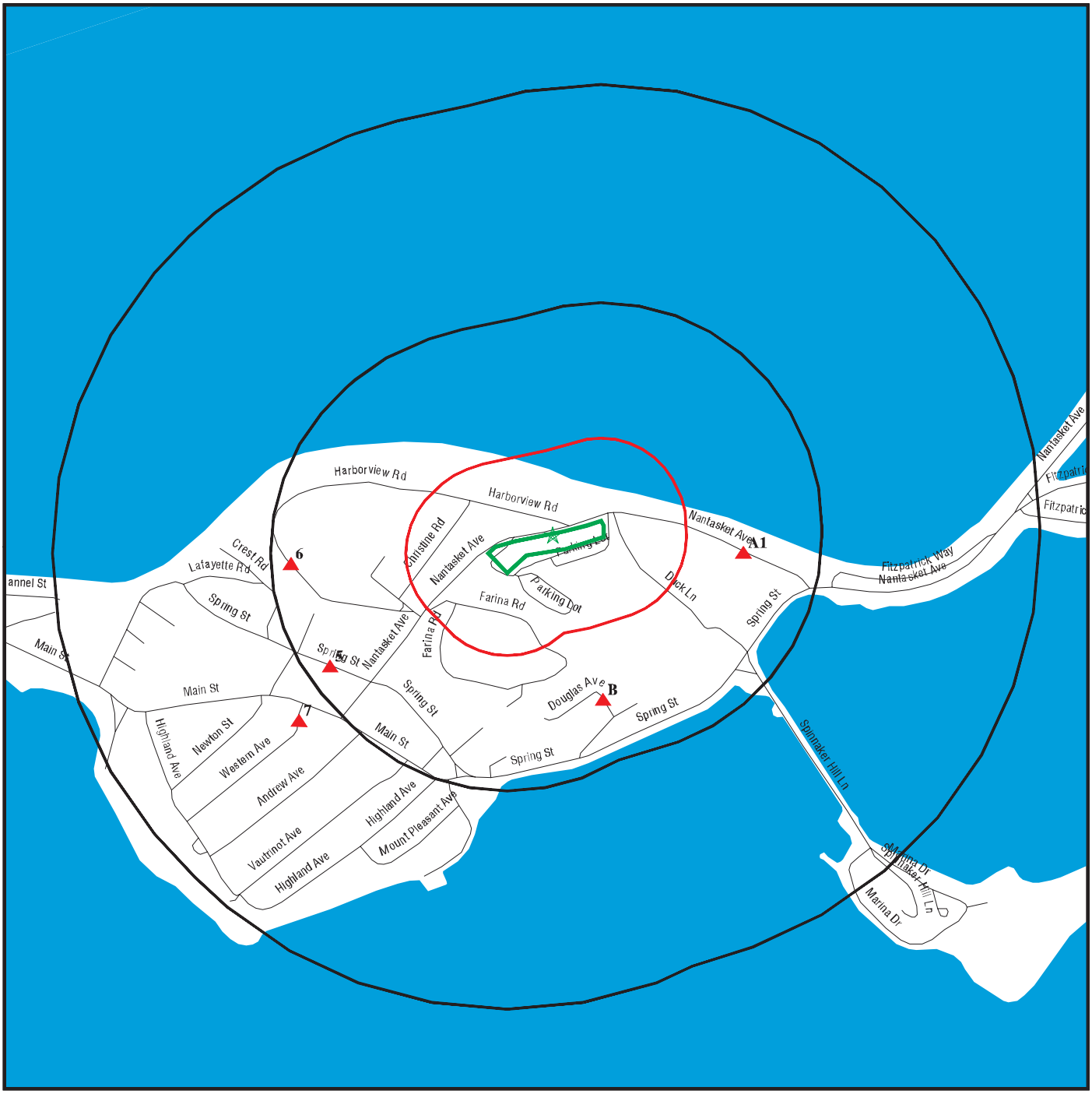
Environmental FirstSearch

0.500 Mile Radius

ASTM MAP: CERCLIS, RCRATSD, LUST, SWL

EDR® Environmental Data Resources Inc

1153 NANTASKET AVENUE HULL, MA 02045



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ Target Property (Latitude: 42.3064 Longitude: 70.904)

▲ Identified Sites

National Priority List Sites

Indian Reservations BIA

EDR Reference Code (EDR Internal use only): 4096661.2s
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14-10-06.13:57:11.Mon

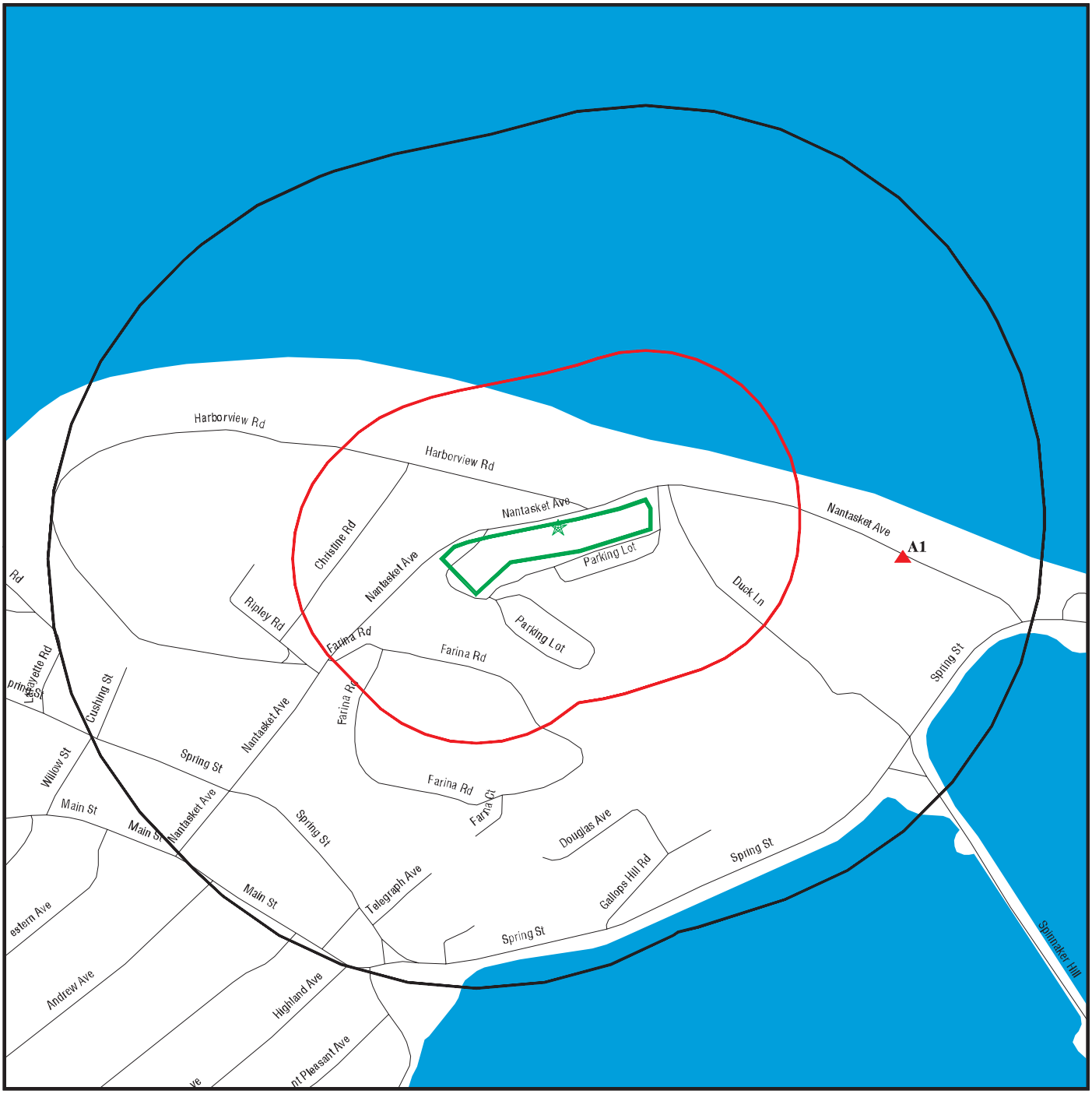
Environmental FirstSearch

0.25 Mile Radius

ASTM MAP: RCRAGEN, ERNS, UST, FED IC/EC, METH LABS

EDR® Environmental Data Resources Inc

1153 NANTASKET AVENUE HULL, MA 02045



Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ Target Property (Latitude: 42.3064 Longitude: 70.904)

▲ Identified Sites

National Priority List Sites

Indian Reservations BIA

EDR Reference Code (EDR Internal use only): 4096661.2s
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14-10-06.13:57:23.Mon

Environmental FirstSearch

0.25 Mile Radius

Non ASTM Map, Spills, FINDS

EDR® Environmental Data Resources Inc

1153 NANTASKET AVENUE HULL, MA 02045

Black Rings Represent Qtr. Mile Radius; Red Ring Represents 500 ft. Radius

★ Target Property (Latitude: 42.3064 Longitude: 70.904)

▲ Identified Sites

Sensitive Receptors

National Priority List Sites

Indian Reservations BIA

EDR Reference Code (EDR Internal use only): 4096661.2s
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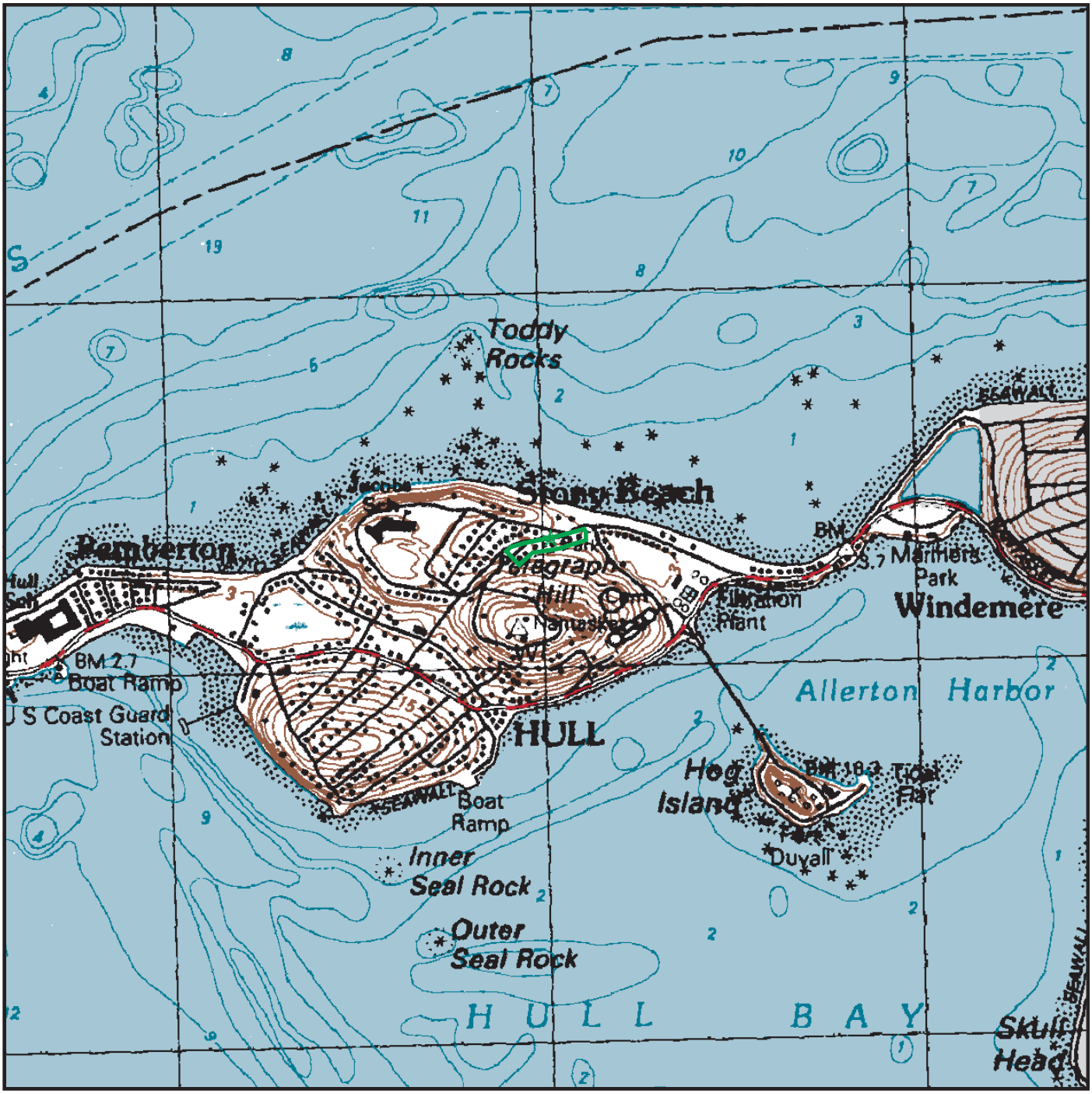
14-10-06.13:57:38.Mon

Site location Map

Topo: 0.75 Mile Radius

EDR® Environmental Data Resources Inc

1153 NANTASKET AVENUE HULL, MA 02045



Map Image Position: TP
Map Reference Code & Name: 42070-C8 Hull
Map State(s): MA
Modified Date: 1997

ATTACHMENT C:
AERIAL PHOTOGRAPHS

Hull
1153 Nantasket Avenue
Hull, MA 02045

Inquiry Number: 4096661.5
October 06, 2014

The EDR Aerial Photo Decade Package

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

EDR Aerial Photo Decade Package

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Date EDR Searched Historical Sources:

Aerial Photography October 06, 2014

Target Property:

1153 Nantasket Avenue

Hull, MA 02045

Year	***Scale***	***Details***	***Source***
1938	Aerial Photograph. Scale: 1"=500'	Flight Date: December 15, 1938	EDR
1969	Aerial Photograph. Scale: 1"=500'	Flight Date: April 13, 1969	EDR
1970	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1970	USGS
1978	Aerial Photograph. Scale: 1"=500'	Flight Date: April 23, 1978	EDR
1980	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1980	USGS
1986	Aerial Photograph. Scale: 1"=500'	Flight Date: January 01, 1986	USGS
1992	Aerial Photograph. Scale: 1"=750'	Flight Date: March 18, 1992	EDR
1995	Aerial Photograph. Scale: 1"=500'	DOQQ - acquisition dates: March 29, 1995	USGS/DOQQ
2008	Aerial Photograph. Scale: 1"=500'	Flight Year: 2008	USDA/NAIP
2010	Aerial Photograph. Scale: 1"=500'	Flight Year: 2010	USDA/NAIP
2012	Aerial Photograph. Scale: 1"=500'	Flight Year: 2012	USDA/NAIP

Site
INQUIRY #: 4096661.5
YEAR: 1938
= 500'
N
EDR

Site
INQUIRY #: 4096661.5
YEAR: 1969
= 500'
N
EDR

Site
INQUIRY #: 4096661.5
YEAR: 1970
= 500'
N
EDR

Site
INQUIRY #: 4096661.5
YEAR: 1978
= 500'
N
EDR

Site
INQUIRY #: 4096661.5
YEAR: 1980
= 500'
N
EDR

Site
INQUIRY #: 4096661.5
YEAR: 1986
= 500'
N
EDR

Site
INQUIRY #: 4096661.5
YEAR: 1992
= 750'
N
EDR

Site
INQUIRY #: 4096661.5
YEAR: 1995
= 500'
N
EDR

Site
INQUIRY #: 4096661.5
YEAR: 2008
= 500'
N
EDR

Site
INQUIRY #: 4096661.5
YEAR: 2010
= 500'
N
EDR

Site
INQUIRY #: 4096661.5
YEAR: 2012
= 500'
N
EDR

ATTACHMENT D:
HISTORICAL TOPOGRAPHIC MAPS

Hull
1153 Nantasket Avenue
Hull, MA 02045

Inquiry Number: 4114080.3
October 23, 2014

EDR Historical Topographic Map Report

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

EDR Historical Topographic Map Report

Environmental Data Resources, Inc.s (EDR) Historical Topographic Map Report is designed to assist professionals in evaluating potential liability on a target property resulting from past activities. EDRs Historical Topographic Map Report includes a search of a collection of public and private color historical topographic maps, dating back to the early 1900s.

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Please contact EDR at 1-800-352-0050
with any questions or comments.

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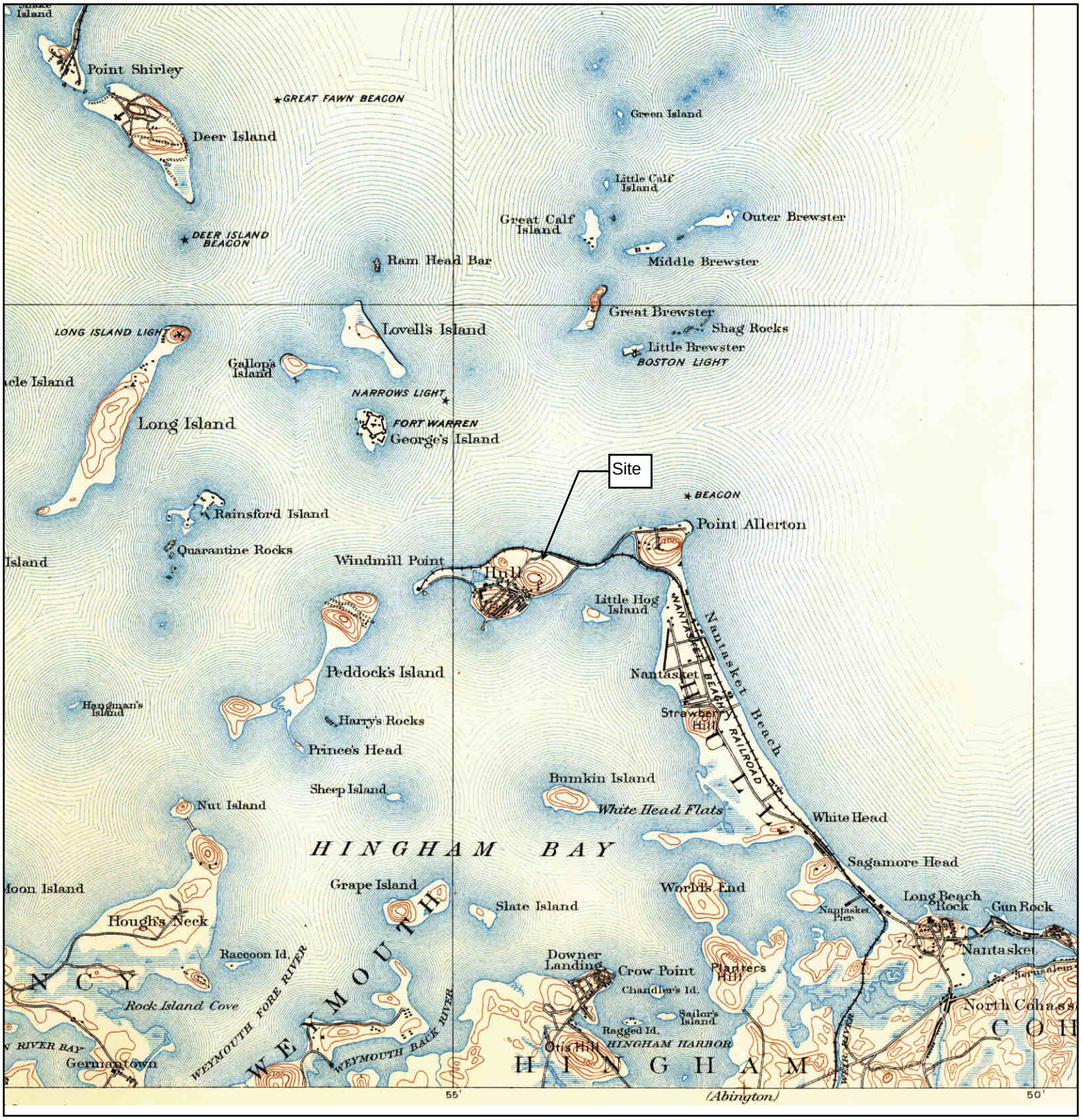
Historical Topographic Map



N	TARGET QUAD NAME: BOSTON BAY MAP YEAR: 1892 SERIES: 15 SCALE: 1:62500	SITE NAME: Hull ADDRESS: 1153 Nantasket Avenue Hull, MA 02045 LAT/LONG: 42.3064 / -70.904	CLIENT: Tetra Tech Rizzo CONTACT: Kailyne Cullinane INQUIRY#: 4114080.3 RESEARCH DATE: 10/23/2014

Historical Topographic Map

N	TARGET QUAD NAME: BOSTON BAY MAP YEAR: 1903 SERIES: 15 SCALE: 1:62500	SITE NAME: Hull ADDRESS: 1153 Nantasket Avenue Hull, MA 02045 LAT/LONG: 42.3064 / -70.904	CLIENT: Tetra Tech Rizzo CONTACT: Kailyne Cullinane INQUIRY#: 4114080.3 RESEARCH DATE: 10/23/2014

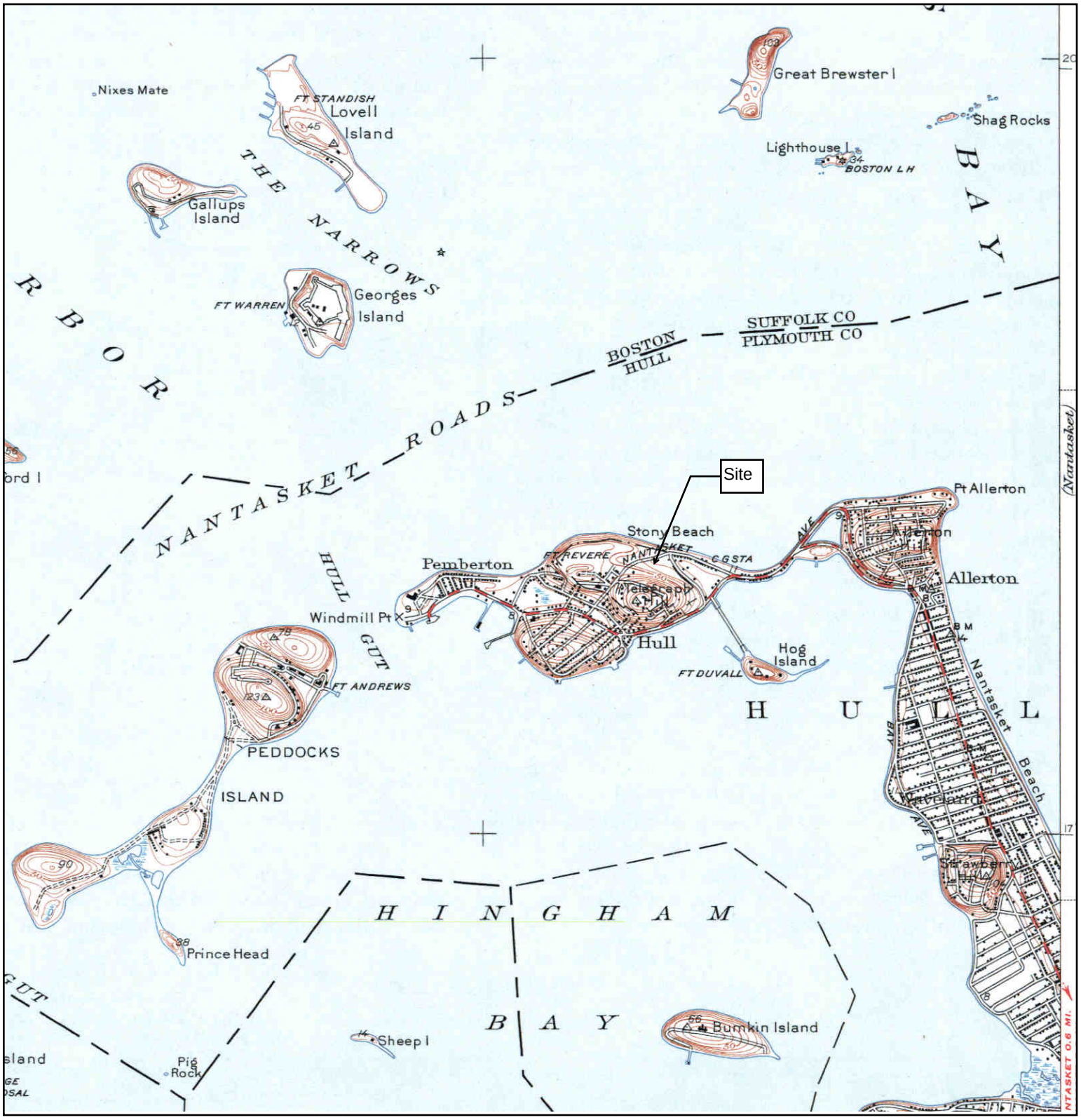
Historical Topographic Map

N	TARGET QUAD NAME: BOSTON AND VICINITY MAP YEAR: 1903 SERIES: 15 SCALE: 1:62500	SITE NAME: Hull ADDRESS: 1153 Nantasket Avenue Hull, MA 02045 LAT/LONG: 42.3064 / -70.904	CLIENT: Tetra Tech Rizzo CONTACT: Kailyne Cullinane INQUIRY#: 4114080.3 RESEARCH DATE: 10/23/2014

Historical Topographic Map

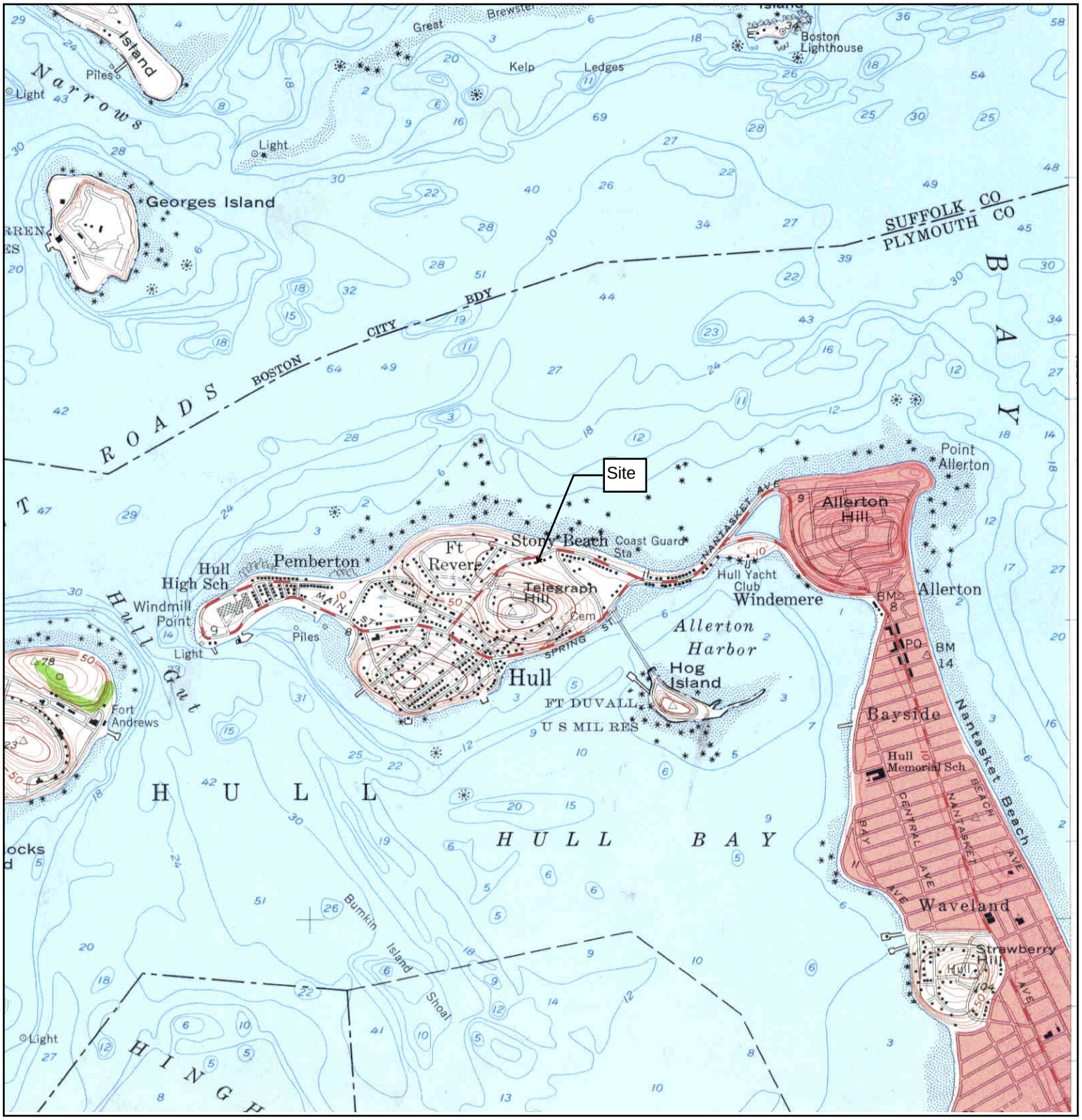
N	TARGET QUAD NAME: HULL MAP YEAR: 1946 SERIES: 7.5 SCALE: 1:31680	SITE NAME: Hull ADDRESS: 1153 Nantasket Avenue Hull, MA 02045 LAT/LONG: 42.3064 / -70.904	CLIENT: Tetra Tech Rizzo CONTACT: Kailyne Cullinane INQUIRY#: 4114080.3 RESEARCH DATE: 10/23/2014

Historical Topographic Map



N	TARGET QUAD NAME: HULL MAP YEAR: 1950 REVISED FROM :1946 SERIES: 7.5 SCALE: 1:31680	SITE NAME: Hull ADDRESS: 1153 Nantasket Avenue Hull, MA 02045 LAT/LONG: 42.3064 / -70.904	CLIENT: Tetra Tech Rizzo CONTACT: Kailyne Cullinane INQUIRY#: 4114080.3 RESEARCH DATE: 10/23/2014

Historical Topographic Map



N	TARGET QUAD NAME: HULL MAP YEAR: 1958 SERIES: 7.5 SCALE: 1:24000	SITE NAME: Hull ADDRESS: 1153 Nantasket Avenue Hull, MA 02045 LAT/LONG: 42.3064 / -70.904	CLIENT: Tetra Tech Rizzo CONTACT: Kailyne Cullinane INQUIRY#: 4114080.3 RESEARCH DATE: 10/23/2014

Historical Topographic Map

N	TARGET QUAD NAME: HULL MAP YEAR: 1971 SERIES: 7.5 SCALE: 1:25000	SITE NAME: Hull ADDRESS: 1153 Nantasket Avenue Hull, MA 02045 LAT/LONG: 42.3064 / -70.904	CLIENT: Tetra Tech Rizzo CONTACT: Kailyne Cullinane INQUIRY#: 4114080.3 RESEARCH DATE: 10/23/2014

Historical Topographic Map

N	TARGET QUAD NAME: HULL MAP YEAR: 1984 SERIES: 7.5 SCALE: 1:25000	SITE NAME: Hull ADDRESS: 1153 Nantasket Avenue Hull, MA 02045 LAT/LONG: 42.3064 / -70.904	CLIENT: Tetra Tech Rizzo CONTACT: Kailyne Cullinane INQUIRY#: 4114080.3 RESEARCH DATE: 10/23/2014

Historical Topographic Map

N	TARGET QUAD NAME: HULL MAP YEAR: 1997 SERIES: 7.5 SCALE: 1:25000	SITE NAME: Hull ADDRESS: 1153 Nantasket Avenue Hull, MA 02045 LAT/LONG: 42.3064 / -70.904	CLIENT: Tetra Tech Rizzo CONTACT: Kailyne Cullinane INQUIRY#: 4114080.3 RESEARCH DATE: 10/23/2014

ATTACHMENT E:
CERTIFIED SANBORN MAP REPORT

Hull
1153 Nantasket Avenue
Hull, MA 02045

Inquiry Number: 4096661.3
October 07, 2014

Certified Sanborn® Map Report

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

Certified Sanborn® Map Report

10/07/14

Site Name:
Hull
1153 Nantasket Avenue
Hull, MA 02045

Client Name:
Tetra Tech Rizzo
One Grant Street
Framingham, MA 01701

EDR Inquiry # 4096661.3

Contact: Kailyne Cullinane

The Sanborn Library has been searched by EDR and maps covering the target property location as provided by Tetra Tech Rizzo were identified for the years listed below. The Sanborn Library is the largest, most complete collection of fire insurance maps. The collection includes maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow, and others. Only Environmental Data Resources Inc. (EDR) is authorized to grant rights for commercial reproduction of maps by the Sanborn Library LLC, the copyright holder for the collection. Results can be authenticated by visiting www.edrnet.com/sanborn.

The Sanborn Library is continually enhanced with newly identified map archives. This report accesses all maps in the collection as of the day this report was generated.

Certified Sanborn Results:

Site Name: Hull
Address: 1153 Nantasket Avenue
City, State, Zip: Hull, MA 02045
Cross Street:
P.O. # NA
Project: 143-1298-15001
Certification # 795F-41AA-AB5A

Maps Provided:

1966
1943
1929
1922
1916
1910

Sanborn® Library search results
Certification # 795F-41AA-AB5A

The Sanborn Library includes more than 1.2 million fire insurance maps from Sanborn, Bromley, Perris & Browne, Hopkins, Barlow and others which track historical property usage in approximately 12,000 American cities and towns. Collections searched:

- ✔ Library of Congress
- ✔ University Publications of America
- ✔ EDR Private Collection

The Sanborn Library LLC Since 1866™

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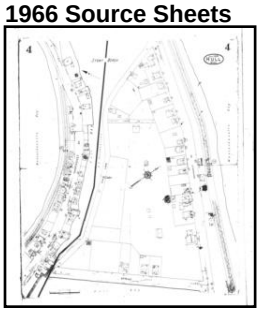
Sanborn Sheet Thumbnails

This Certified Sanborn Map Report is based upon the following Sanborn Fire Insurance map sheets.

1966 Source Sheets

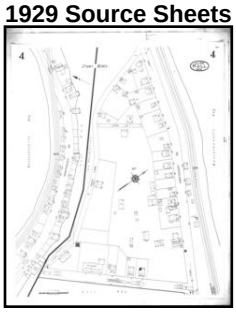


Volume 1, Sheet 4

1943 Source Sheets

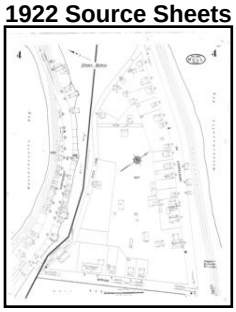
Volume 1, Sheet 4

1929 Source Sheets



Volume 1, Sheet 4

1922 Source Sheets



Volume 1, Sheet 4

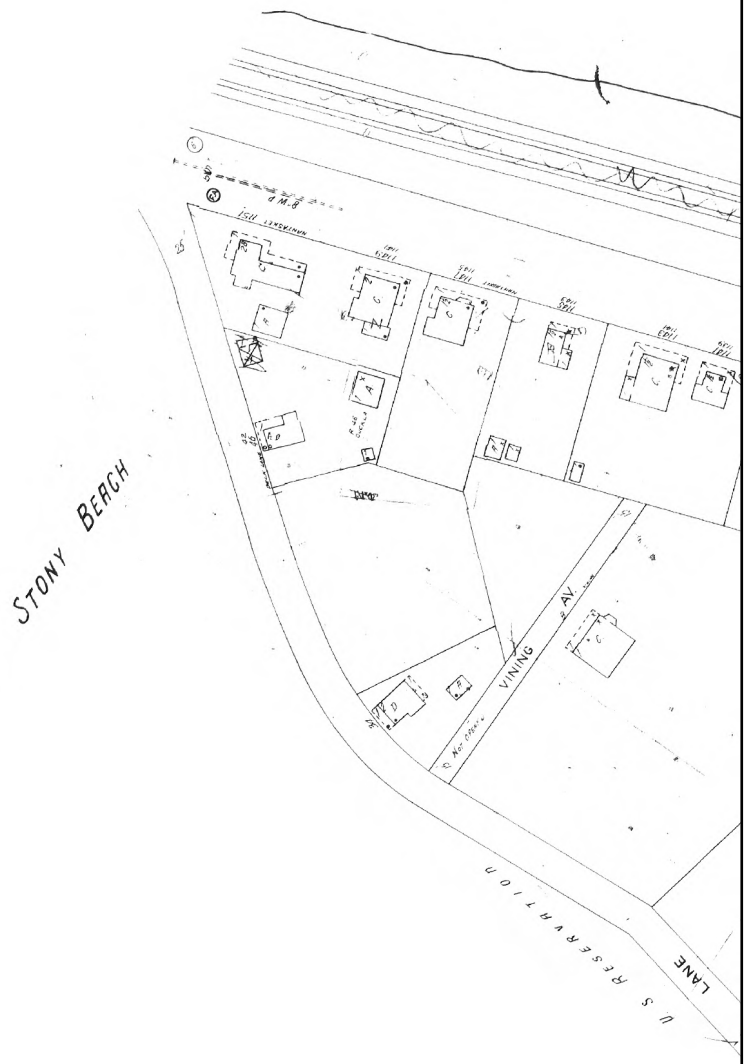
1916 Source Sheets

Volume 1, Sheet 4

1910 Source Sheets

Volume 1, Sheet 6

1966 Certified Sanborn Map



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Certification # 795F-41AA-AB5A

Site Name:	Hull
Address:	1153 Nantasket Avenue
City, ST, ZIP:	Hull MA 02045
Client:	Tetra Tech Rizzo
EDR Inquiry:	4096661.3
Order Date:	10/7/2014 10:40:00 AM
Certification #	795F-41AA-AB5A
Copyright:	1966

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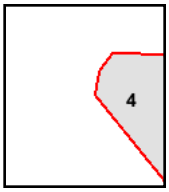

Volume 1, Sheet 4

0 Feet 150 300 600

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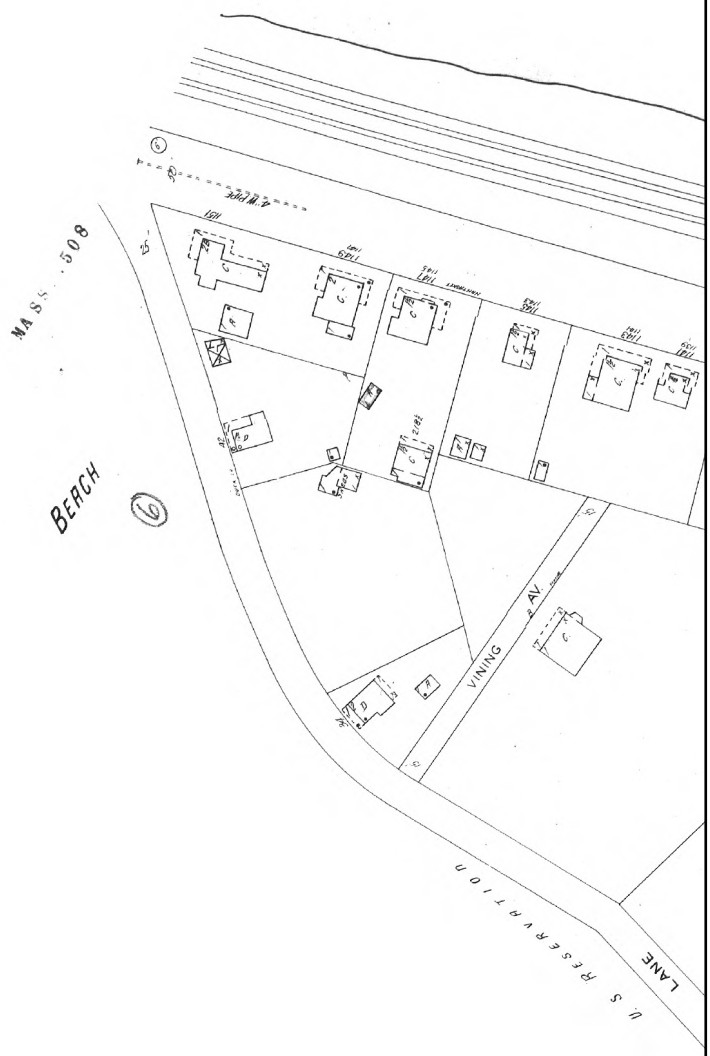
1943 Certified Sanborn Map



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Client:	Tetra Tech Rizzo
EDR Inquiry:	4096661.3
Order Date:	10/7/2014 10:40:00 AM
Certification #	795F-41AA-AB5A
Copyright:	1943

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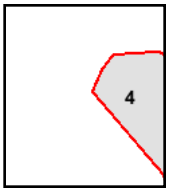

Volume 1, Sheet 4

0 Feet 150 300 600

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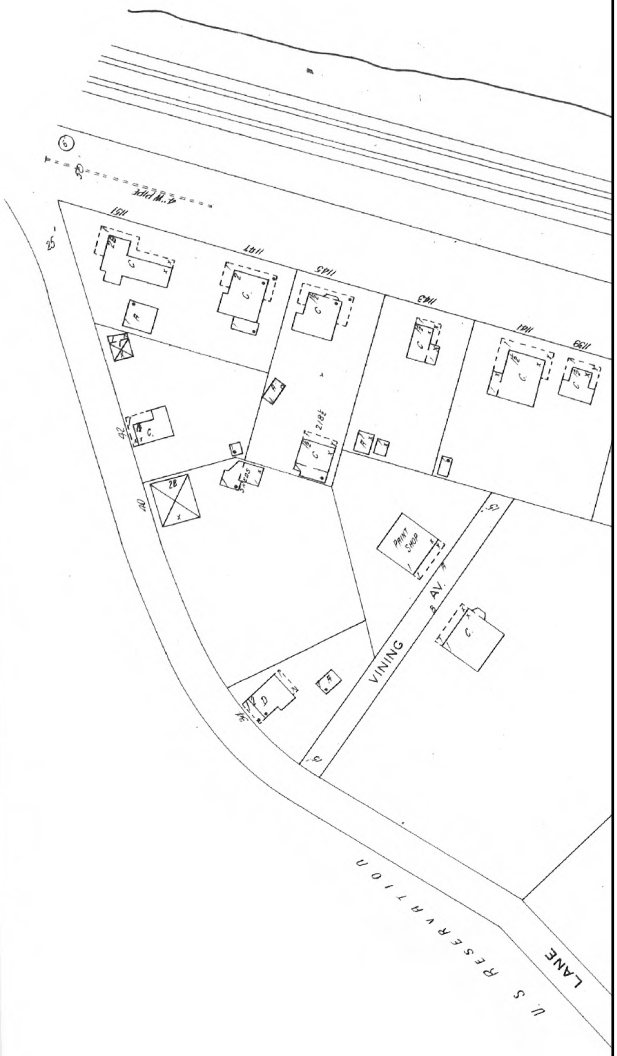
1929 Certified Sanborn Map



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Site Name:	Hull
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City, ST, ZIP:	Hull MA 02045
Client:	Tetra Tech Rizzo
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Order Date:	10/7/2014 10:40:00 AM
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Copyright:	1929

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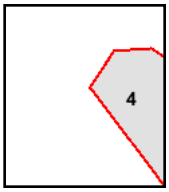

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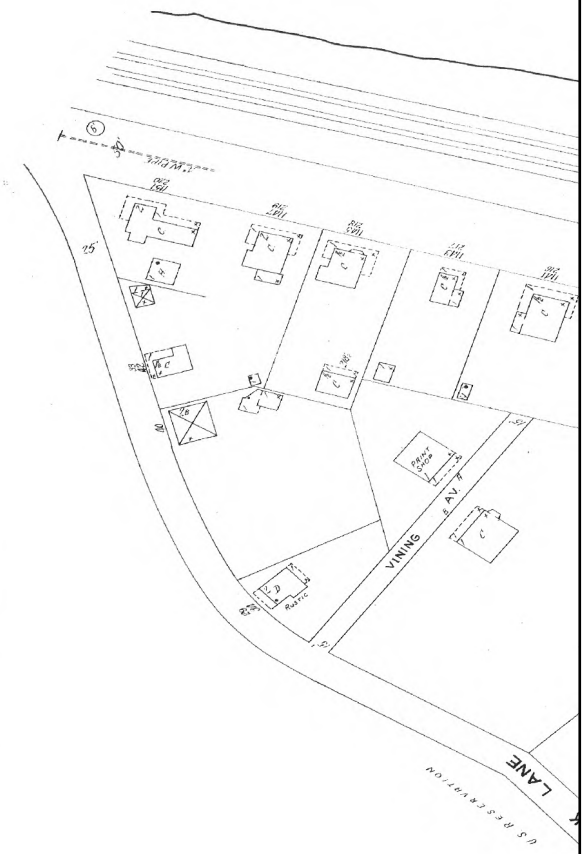

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Certification # 795F-41AA-AB5A

Site Name:	Hull
Address:	1153 Nantasket Avenue
City, ST, ZIP:	Hull MA 02045
Client:	Tetra Tech Rizzo
EDR Inquiry:	4096661.3
Order Date:	10/7/2014 10:40:00 AM
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Copyright:	1922

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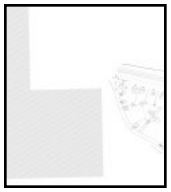

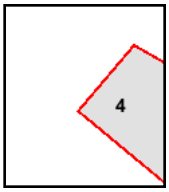

Volume 1, Sheet 4

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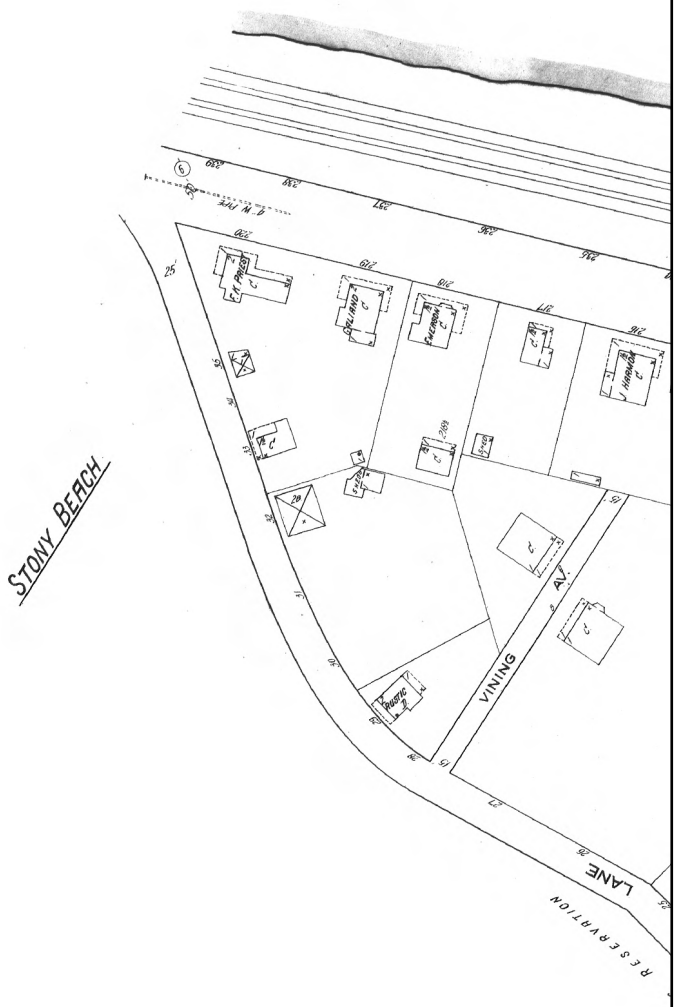

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Certification # 795F-41AA-AB5A

Site Name:	Hull
Address:	1153 Nantasket Avenue
City, ST, ZIP:	Hull MA 02045
Client:	Tetra Tech Rizzo
EDR Inquiry:	4096661.3
Order Date:	10/7/2014 10:40:00 AM
Certification #	795F-41AA-AB5A
Copyright:	1916

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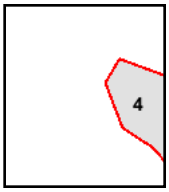
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 4

0 Feet 150 300 600

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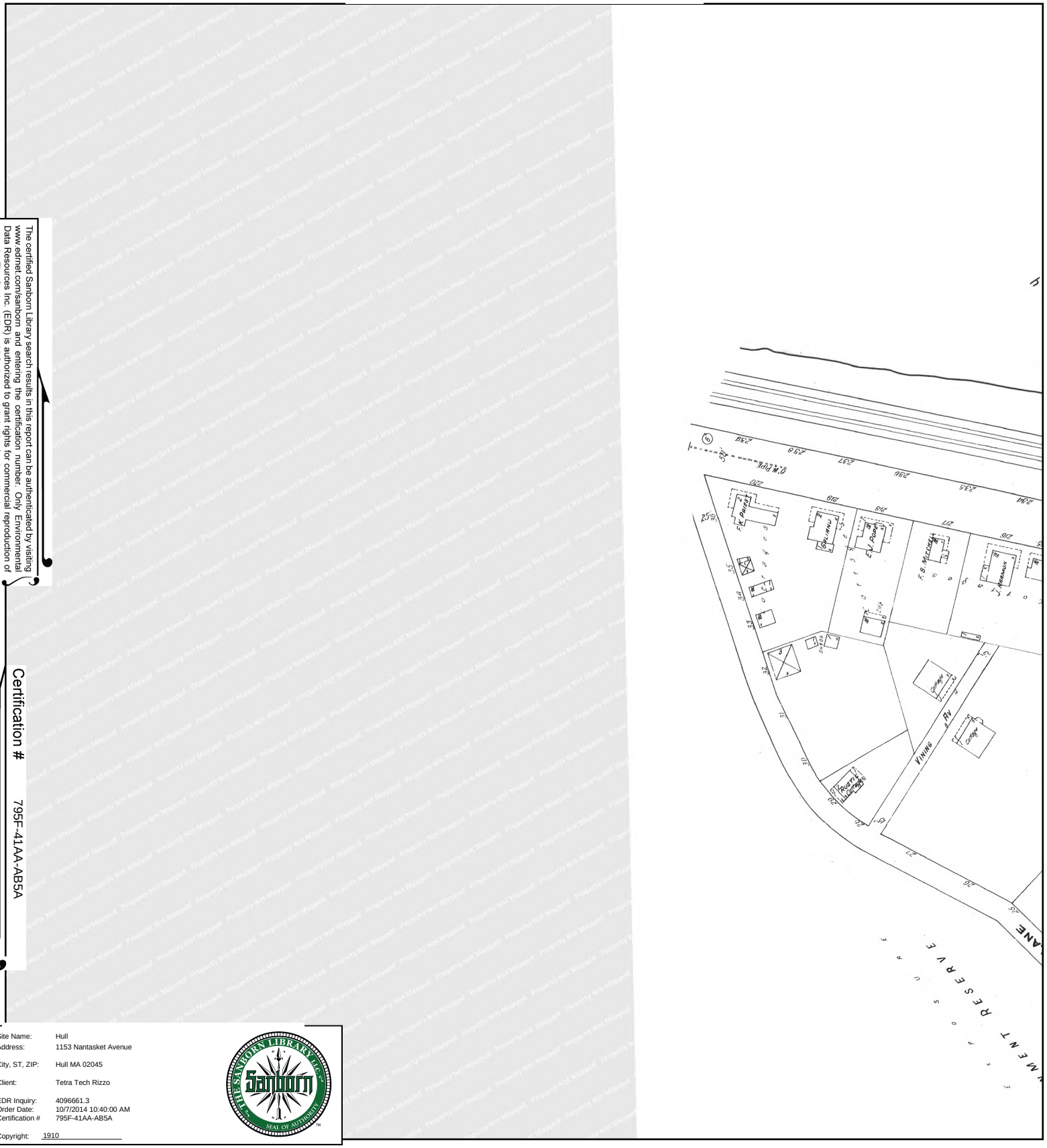
1910 Certified Sanborn Map



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Certification # 795F-41AA-AB5A

Site Name:	Hull
Address:	1153 Nantasket Avenue
City, ST, ZIP:	Hull MA 02045
Client:	Tetra Tech Rizzo
EDR Inquiry:	4096661.3
Order Date:	10/7/2014 10:40:00 AM
Certification #	795F-41AA-AB5A
Copyright:	1910

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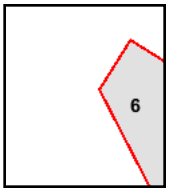

Volume 1, Sheet 6

0 Feet 150 300 600

N

ATTACHMENT F:
HISTORICAL CITY DIRECTORIES

Hull
1153 Nantasket Avenue
Hull, MA 02045

Inquiry Number: 4114080.2
October 24, 2014

The EDR-City Directory Abstract

Environmental Data Resources Inc

6 Armstrong Road
Shelton, CT 06484
800.352.0050
www.edrnet.com

TABLE OF CONTENTS

SECTION

Executive Summary

Findings

City Directory Images

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

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EXECUTIVE SUMMARY

DESCRIPTION

Environmental Data Resources, Inc.'s (EDR) City Directory Abstract is a screening tool designed to assist environmental professionals in evaluating potential liability on a target property resulting from past activities. EDR's City Directory Abstract includes a search and abstract of available city directory data. For each address, the directory lists the name of the corresponding occupant at five year intervals.

RESEARCH SUMMARY

The following research sources were consulted in the preparation of this report. An "X" indicates where information was identified in the source and provided in this report.

Year	Source	TP	Adjoining	Text Abstract	Source Image
2008	Cole Criss-Cross Directory	X	X	X	-
2001	Cole Criss-Cross Directory	X	X	X	-
1994	Cole Criss-Cross Directory	X	X	X	-
1988	Cole Criss-Cross Directory	X	X	X	-
1984	Cole Criss-Cross Directory	X	X	X	-
1974	Cole Criss-Cross Directory	X	X	X	-
1970	Cole Criss-Cross Directory	X	X	X	-

FINDINGS

TARGET PROPERTY INFORMATION

ADDRESS

1153 Nantasket Avenue
Hull, MA 02045

FINDINGS DETAIL

Target Property research detail.

Nantasket Avenue

1153 Nantasket Avenue

Year	*Uses*	*Source*
2008	Residential	Cole Criss-Cross Directory
2001	Residential	Cole Criss-Cross Directory
1994	Residential	Cole Criss-Cross Directory
1988	No Return	Cole Criss-Cross Directory
1984	Residential	Cole Criss-Cross Directory
1974	No Return	Cole Criss-Cross Directory
1970	No Return	Cole Criss-Cross Directory

FINDINGS

ADJOINING PROPERTY DETAIL

The following Adjoining Property addresses were researched for this report. Detailed findings are provided for each address.

Nantasket Avenue

1149 Nantasket Avenue

Year	*Uses*	*Source*
2008	Residential	Cole Criss-Cross Directory
2001	Residential	Cole Criss-Cross Directory
1994	Residential	Cole Criss-Cross Directory
1988	No Return	Cole Criss-Cross Directory
1984	No Return	Cole Criss-Cross Directory
1974	Residential	Cole Criss-Cross Directory
1970	Residential	Cole Criss-Cross Directory

1150 Nantasket Avenue

Year	*Uses*	*Source*
2008	Residential	Cole Criss-Cross Directory
2001	Residential	Cole Criss-Cross Directory
1994	Residential	Cole Criss-Cross Directory
1988	Residential	Cole Criss-Cross Directory
1984	Residential	Cole Criss-Cross Directory

1151 Nantasket Avenue

Year	*Uses*	*Source*
2008	Siambistro	Cole Criss-Cross Directory
2001	Residential	Cole Criss-Cross Directory
1994	No Return	Cole Criss-Cross Directory
1988	No Return	Cole Criss-Cross Directory
1984	Residential	Cole Criss-Cross Directory
1974	Residential	Cole Criss-Cross Directory
1970	Residential	Cole Criss-Cross Directory

1155 Nantasket Avenue

Year	*Uses*	*Source*
2001	No Return	Cole Criss-Cross Directory
1994	Residential	Cole Criss-Cross Directory
1988	Residential	Cole Criss-Cross Directory
1984	Residential	Cole Criss-Cross Directory

FINDINGS

Year	Uses	Source
1974	No Return	Cole Criss-Cross Directory
1970	Residential	Cole Criss-Cross Directory

1157 Nantasket Avenue

Year	Uses	Source
2008	No Return	Cole Criss-Cross Directory
2001	Residential	Cole Criss-Cross Directory
1994	No Return	Cole Criss-Cross Directory
1988	Residential	Cole Criss-Cross Directory
1984	No Return	Cole Criss-Cross Directory
1974	Residential	Cole Criss-Cross Directory
1970	Residential	Cole Criss-Cross Directory

1159 Nantasket Avenue

Year	Uses	Source
2008	No Return	Cole Criss-Cross Directory
2001	Residential	Cole Criss-Cross Directory
1994	No Return	Cole Criss-Cross Directory
1988	Residential	Cole Criss-Cross Directory
1984	Residential	Cole Criss-Cross Directory
1974	Residential	Cole Criss-Cross Directory
1970	No Return	Cole Criss-Cross Directory

1161 Nantasket Avenue

Year	Uses	Source
2008	Residential	Cole Criss-Cross Directory
2001	Residential	Cole Criss-Cross Directory
1994	No Return	Cole Criss-Cross Directory
1988	No Return	Cole Criss-Cross Directory
1984	No Return	Cole Criss-Cross Directory
1974	Residential	Cole Criss-Cross Directory
1970	Residential	Cole Criss-Cross Directory

FINDINGS

ADJOINING PROPERTY: ADDRESSES NOT IDENTIFIED IN RESEARCH SOURCE

The following Adjoining Property addresses were researched for this report, and the addresses were not identified in research source.

Address Researched	Address Not Identified in Research Source
1149 Nantasket Avenue	No Years Found
1150 Nantasket Avenue	1974, 1970
1151 Nantasket Avenue	No Years Found
1155 Nantasket Avenue	No Years Found
1157 Nantasket Avenue	No Years Found
1159 Nantasket Avenue	No Years Found
1161 Nantasket Avenue	No Years Found

ATTACHMENT G:
HISTORICAL PROPERTY OWNERSHIP REPORTS

Historical Property Ownership Report
HPO

Security First Title Resource
Residential - Commercial - Environmental

Prepared For
Tetra Tech

Subject Property:
Hull (Nike) Housing, MA

November 21, 2014

Security First Title Resource
Residential - Commercial - Environmental

1512 125th Avenue N.E., Suite 192 – Minneapolis, MN 55449
Tel.: (763) 753-7343 - Fax (866) 343-2388
Info@SecurityFirstTitleResource.com - www.securityfirsttitleresource.net

The Historical Property Ownership report (HPO) tracks a line of successive owners from the present back to 1940 of a particular parcel of property. The HPO report provides a summary of a property's ownership history and a search of available current land title records for environmental cleanup liens and other activity and use limitations, such as engineering control and institutional controls. It is a valuable source for determining the prior uses of a property.
Below is the property data information and Historical Property Ownership of the subject property for a period beginning January 01, 1940 and Ending November 17, 2014.
No other deeds vesting title in the subject property were found of record during the aforementioned period searched.
A copy of the current vesting deed is attached hereto and made a part hereof.

CLIENT PROJECT NO.: 103G1058243 REPORT DATE: November 21, 2014

SUBJECT PROPERTY: Hull (Nike) Housing, MA

COUNTY / JURISDICTION : Plymouth Massachusetts

PROPERTY IDENTIFIER : 56-037

CURRENT OWNER: United States of America

LEGAL DESCRIPTION: As described in the current vesting deed attached hereto and made a part hereof.

LEASES & MISCELLANEOUS EXHIBIT ATTACHED HERETO? YES [ ] NO [X]

Disclaimer
This report is neither a guarantee of title, a commitment to insure, nor a policy of title insurance. NO WARRANTY, EXPRESSED OR IMPLIED, IS MADE WHAT SOEVER IN CONNECTION WITH THIS REPORT. Security First Title Resource, specifically disclaims the making of any such warranties, including without limitation, merchantability or fitness for a particular use or purpose. The information contained in this report is retrieved as it is recorded from the various agencies that make it available. Therefore, the company's liability to this report extends only to the fee charged thereof. Copyright 2012 by Security First Title Resource. All Rights Reserved. Reproduction in any media or format, in whole or in part, of any report, or its affiliates, is prohibited without prior written permission.

Chain of Title

Type of Deed:	Deed
Title is vested in:	United States of America
Title received from:	Thomas F. Cavanaugh and Walter Powers Jr., Trustees et al.
Date Executed:	3-29-1957
Date Recorded:	4-01-1957
Book:	2560
Page:	171
Comments:	

Type of Deed:	Warranty Deed
Title is vested in:	Thomas F. Cavanaugh and Walter Powers Jr., Trustees et al
Title received from:	Charles A. La Centra
Date Executed:	5-01-1950
Date Recorded:	5-02-1950
Book:	2091
Page:	399
Comments:	

Type of Deed:	Deed
Title is vested in:	Charles A. La Centra
Title received from:	Estate of C.A. La Centra Sr.
Date Executed:	6-26-1941
Date Recorded:	6-26-1941
Book:	963
Page:	159
Comments:	

Environmental Lien Search

ENVIRONMENTAL LIEN

Environmental Lien: ☐ Found ☒ Not Found

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Instrument:

Comments:

OTHER ACTIVITY AND USE LIMITATIONS (AULs)

Other AUL's: ☐ Found ☒ Not Found

If found:

1st Party:

2nd Party:

Dated:

Recorded:

Book:

Page:

Instrument:

Comments:

KNOW ALL MEN BY THESE PRESENTS

That we, ANTONIO FARINA of the City of Boston, Middlesex County, JOHN GARLAND, of the Town of [illegible], [illegible] County, and CHARLES A. [redacted] dated April 26, 1950, and duly recorded in Plymouth Registry of Deeds, Book 2091 at Page 406, as amended by an instrument dated October 22, 1951, duly recorded with said Registry of Deeds by power conferred in Clause 3 of said Trust and every other power for consideration of Eleven Thousand Five Hundred Dollars ($11,500.00) paid, grant to the UNITED STATES OF AMERICA and its assigns with WARRANTY COVENANTS the land situate in the Town of Hull, County of Plymouth, Commonwealth of Massachusetts, more particularly bounded and described as follows:

Beginning at a point on the southerly side of Nantasket Avenue 85 feet southwesterly from the center of Duck Lane; thence through land of owner South 23° 40' East 47 feet, more or less and due South 80 feet, more or less, to a point; thence continuing through land of owner South 72° West 229 feet, more or less, South 79° 45' West 259 feet, more or less, South 46° 40' West 152 feet, more or less, and North 43° 50' West 122 feet, more or less, to the southeasterly side of a paved right of way to Farina Road; thence northeasterly by the southeasterly side of said right of way 172 feet, more or less, to the southerly side of Nantasket Avenue; thence northeasterly by the southerly side of Nantasket Avenue 546 feet, more or less, to the point of beginning.

Containing 1.06 acres, more or less.

The above parcel is part of the premises granted to Thomas F. Cavanaugh and Walter Powers, Jr., Trustees of the Fort Revere Realty Trust, by Charles A. La Centra by deed dated May 1, 1950, duly recorded in Plymouth Registry of Deeds in Book 2091 at Page 399.

Also intending to quitclaim to the United States and its assigns all right, title, or interest which the Grantors may have in the banks, beds, and waters of any streams opposite to or fronting upon said land, and in any alleys, roads, streets, [illegible] ways, or railroad rights of way abutting or adjoining said land, and in any means of ingress or egress appurtenant thereto.

Subject, however, to existing easements for public highways, roads, railroads, pipelines, and other utilities.

And for the consideration recited above, the Grantors do hereby grant to the United States of America and its assigns rights of ingress and egress, and rights to install and maintain utilities in a paved right of way to Farina Road mentioned in the above-described parcel of land.

Witness our hands and seals this 29th day of March 1957.

[signature] (SEAL)
Trustee

[signature] (SEAL)
Trustee

[signature] (SEAL)
Trustee

COMMONWEALTH OF MASSACHUSETTS

Suffolk, ss. March 29 1957

Then personally appeared the above-named Antonio Farina, John Garland and Charles A. La Centra, Trustees, as aforesaid, and acknowledged the foregoing instrument to be their free act and deed, before me

[signature]

APPENDIX B:
ASBESTOS-CONTAINING MATERIAL SURVEY AND CONDITION/RISK ASSESSMENT REPORT

FINAL

Asbestos-Containing Material Survey and Condition/Risk Assessment Report

U.S. Coast Guard Hull, Massachusetts Housing Units

1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue
Hull, Massachusetts, 02045
Contract No. GS-00P-14-CY-A-0002/Award No. GS-P-00-14-CY-5027

Prepared For:

United States General Services Administration

Office of Real Property Utilization and Disposal
1800 F Street, NW
Washington, DC 20405

Prepared By:

Tetra Tech, Inc.

45610 Woodland Road, Suite 400
Sterling, VA 20166
July 2015

Tetra Tech Project No: 103G1058243
Date of Site Visit: October 10 and 31, 2014

Jimmy Kehs
Project Manager

Jeremy B. Travis
Program Manager

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2.2 ACM Laboratory Analytical Results B-3
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Table 3 Asbestos Laboratory Analytical Results – 1157 Nantasket Avenue, Hull, MA
Table 4 Asbestos Laboratory Analytical Results – 1159 Nantasket Avenue, Hull, MA
Table 5 Asbestos Laboratory Analytical Results – 1161 Nantasket Avenue, Hull, MA
Table 6 Asbestos Laboratory Analytical Results – 1163 Nantasket Avenue, Hull, MA
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Table 8 Asbestos Laboratory Analytical Results – 1167 Nantasket Avenue, Hull, MA

ATTACHMENTS

Attachment A Asbestos Inspector's Certification
Attachment B Asbestos Sampling Location Maps
Attachment C Asbestos Laboratory Analytical Report

1.0 INTRODUCTION

Information provided by the United States (U.S.) Coast Guard (USCG) indicates that an asbestos containing material (ACM) survey and condition/risk assessment had previously been conducted at the Site, but electronic copies of the previous survey were not available to Tetra Tech, Inc. (Tetra Tech). In accordance with the Scope of Work (SOW), Tetra Tech completed an ACM survey and condition/risk assessment on October 8 and October 31, 2014. The purpose of the ACM survey and condition/risk assessment is to determine whether ACM exists in the Hull housing units and, if so, to define its type, condition, and location(s). This was a non-destructive survey and condition/risk assessment, and inaccessible areas (e.g. within wall cavities, above drop-ceilings, beneath the top flooring layer, etc.) were not surveyed. This survey and condition/risk assessment documents only general locations of ACM and does not determine the exact boundaries of ACM. ACM may be present in the areas of the site buildings that were not accessible without selective demolition or destructive sampling.

ACMs are fibrous hydrated silicates, and can be found in building materials as either “friable” or “non-friable” asbestos products. Friable asbestos refers to materials, which can be readily crumbled using hand pressure, separating asbestos fibers from the binding materials with which they are associated. Friable asbestos is commonly found in boiler and pipe insulation. Non-friable material refers to asbestos, which is associated with a binding agent (such as tar or cement), preventing ready release of airborne fibers, and are separated into two categories. Category I non-friable ACMs are asbestos-containing resilient floor coverings (like vinyl asbestos tile), asphalt roofing products, packing’s, and gaskets. These materials rarely become friable because the asbestos is locked securely into the material. All other non-friable ACMs are considered category II non-friable ACM. Category II non-friable ACMs are more likely to become friable because they are not as resistant to crushing or pulverizing.

Certain friable ACMs were banned in the United States in the 1970s, although many asbestos products were manufactured more recently. Non-friable ACMs such floor tile, mastic, and roofing products are found in more recent construction. A thorough inspection of all buildings regardless of age is required prior to renovation/demolition under the federal National Emission Standard for Hazardous Air Pollutants (NESHAP) regulation, 40 Code of Federal Regulations (CFR) 61. The NESHAP regulation refers to the inspection and sampling protocol in the Asbestos Hazard Emergency Response Act (AHERA) 40 CFR 763. Massachusetts Department of Environmental Protection (MassDEP) has similar requirements for pre-renovation/demolition inspections of all buildings in their regulations, 310 Code of Massachusetts Regulations (CMR) 7. Prior to undertaking a renovation or demolition project, ACMs identified during the inspection must be abated in accordance with MassDEP regulations (310 CMR 7), Massachusetts Department of Labor Standards (DLS) regulations (453 CMR 6), and Occupational Safety and Health Administration (OSHA) Asbestos Standard for the Construction Industry (29 CFR 1926.1101).

Under 29 CFR 1926.1101 OSHA Asbestos Standard for the Construction Industry, where a building owner knows, or an inspection has revealed the presence of asbestos within a building, an asbestos

management and maintenance plan must be established. This section also requires that where ACMs are damaged or deteriorating, the building owner must take remedial action so as to protect the health and safety of the building occupants. ACM is defined by OSHA as any material containing more than 1% asbestos. If analysis identifies a sampled material as containing an amount greater than 1% asbestos, this material is deemed a regulated asbestos containing material (RACM) and must be handled and disposed of accordingly.

ACMs that are damaged or deteriorating may release asbestos fibers. The disturbance of any material that may release asbestos fibers is regulated by MassDEP under 310 CMR 7. We recommend damaged ACM be abated in accordance with applicable regulations to avoid potential release of asbestos fibers.

The ACM survey and condition/risk assessment was limited to materials that could be sampled without damage to the material or the property. The ACM survey and condition/risk assessment was conducted on October 8 and 31, 2014 by Mr. Matthew T. Madden of Tetra Tech (State of Massachusetts Department of Labor Services Asbestos Inspector License Number A90051). A copy of Mr. Madden's certification is included in **Attachment A**.

2.0 BULK SAMPLING METHODOLOGY

The bulk sampling procedures used for the collection of suspect ACM first required the establishment of homogeneous areas (HAs), which are defined in AHERA 40 CFR 763.83 as areas of materials that are similar in color and texture. Representative bulk samples of suspect materials were collected from the homogeneous areas. According to 40 CFR 763.87(c)(2), a homogenous area shall be determined to contain ACM based on a finding that the results of at least one sample collected from that area shows that asbestos is present in an amount greater than 1%. MassDEP regulations 310 CMR 7 defines ACM as material containing 1% or more asbestos.

The USEPA's AHERA regulations include guidelines for conducting inspections and collecting samples of suspect ACM. These guidelines were followed during our survey and condition/risk assessment, where appropriate. The requirements of MassDEP 310 CMR 7 were also followed. Both the federal and state regulations require the inspector to make judgments regarding homogeneous areas and sampling locations.

Bulk samples collected during the site survey and condition/risk assessment were analyzed by Polarized Light Microscopy (PLM) coupled with dispersion staining in accordance with USEPA Method 600/R-93/116. PLM is an analytical method for asbestos identification, which depends on the unique optical properties of mineral forms in the samples and specifically identified the various asbestos types. The optical properties are a result of the mineral's chemical composition, physical atomic structure, and visual morphology. The samples were shipped to the SanAir Technologies in Powhatan, Virginia, which has attained National Institute of Standards and Technology (NIST) accreditation Number 200870-0 through participation in the National Voluntary Laboratory Accreditation Program (NVLAP).

2.1 HOMOGENOUS SAMPLING AREAS

165 bulk samples of suspect ACM were collected during this survey and condition/risk assessment from the Nantasket Avenue housing units. Samples were collected from each unit. Homogeneous areas were specific to each unit and are described in the attached **Table 1 through Table 8**.

2.2 ACM LABORATORY ANALYTICAL RESULTS

Asbestos was detected in certain materials in four the buildings. ACM identified in the buildings include:

- 1153 Nantasket Avenue: 9"x9" grey floor tile below carpet, 9"x9" black floor tile in the furnace room, penetration mastic on the roof (non-friable)
- 1155 Nantasket Avenue: joint compound (friable)
- 1157 Nantasket Avenue: none detected
- 1159 Nantasket Avenue: tile below carpet in hallway (non-friable)

- 1161 Nantasket Avenue: none detected
- 1163 Nantasket Avenue: 9”x9” grey floor tile below carpet (non-friable)
- 1165 Nantasket Avenue: none detected
- 1167 Nantasket Avenue: none detected

The confirmed friable ACM found in joint compound at 1155 Nantasket Avenue is considered a concern. In accordance with the Scope of Work, destructive sampling was not conducted. ACMs may be present in inaccessible areas such as wall cavities, under flooring systems, above ceilings, and under or behind appliances. The ACM sampling results are summarized in **Table 1 through Table 8** below. The asbestos sampling location maps are included in **Attachment B**. The laboratory analytical report is included in **Attachment C**.

Table 1: Asbestos Laboratory Analytical Results – 1153 Nantasket Avenue

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
1-A	1	12"x12" Floor Tile	Kitchen	ND	N/A
1-B	2	12"x12" Floor Tile	Front Hall	ND	N/A
1-C	3	12"x12" Floor Tile	Kitchen	ND	N/A
2-A	4	Mastic Below 12"x12"	Kitchen	ND	N/A
2-B	5	Mastic Below 12"x12"	Front Hall	ND	N/A
3-A	6	9"x9" Floor Tile	Bedroom	2% Chrysotile	Non-Friable
3-B	7	9"x9" Floor Tile	Hall	Not Analyzed	Non-Friable
3-C	8	9"x9" Floor Tile	Bedroom	Not Analyzed	Non-Friable
4-A	9	Mastic Below Tile	Bedroom	ND	N/A
4-B	10	Mastic Below Tile	Hall	ND	N/A
5-A	11	9"x9" Floor Tile	Furnace Room	6% Chrysotile	Non-Friable
5-B	12	9"x9" Floor Tile	Furnace Room	Not Analyzed	Non-Friable
6-A	13	Mastic Below Tile	Furnace Room	ND	N/A
7-A	14	Gypsum Wallboard	Kitchen	ND	N/A
7-B	15	Gypsum Wallboard	Furnace Room	ND	N/A
7-C	16	Gypsum Wallboard	Furnace Room	ND	N/A
8-A	17	Sink Mastic	Kitchen	ND	N/A
9-A	18	Roof Shingles	Roof	ND	N/A
9-B	19	Roof Shingles	Roof	ND	N/A
9-C	20	Roof Shingles	Roof	ND	N/A
10-A	21	Penetration Mastic	Roof		Non-Friable
10-B	22	Penetration Mastic	Roof	Not Analyzed	Non-Friable

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
11-A	23	Shed Roof	Shed Roof	ND	N/A
12-A	24	Window Caulking	Carport	ND	N/A
12-B	25	Window Caulking	Bedroom	ND	N/A
13-A	26	Linoleum Flooring	Bathroom	ND	N/A

Table 2: Asbestos Laboratory Analytical Results – 1155 Nantasket Avenue

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
1-A	1	12"x12" Floor Tile	Kitchen	ND	N/A
1-B	2	12"x12" Floor Tile	Front Hall	ND	N/A
1-C	3	12"x12" Floor Tile	Kitchen	ND	N/A
2-A	4	Mastic Below 12"x12"	Kitchen	ND	N/A
2-B	5	Mastic Below 12"x12"	Front Hall	ND	N/A
3-A	6	Bathroom Linoleum	Bathroom	ND	N/A
4-A	7	Gypsum Wallboard	Kitchen	ND	N/A
4-B	8	Gypsum Wallboard, Wallboard	Furnace Room	ND	N/A
4-B	8	Gypsum Wallboard, Joint Compound	Furnace Room	< 1% Chrysotile	Friable
4-C	9	Gypsum Wallboard	Furnace Room	ND	N/A
5-A	10	Joint Compound	Kitchen	3% Chrysotile	Friable
5-B	11	Joint Compound	Furnace Room	Not Analyzed	Friable
5-C	12	Joint Compound	Furnace Room	Not Analyzed	Friable
6-A	13	Sink Mastic	Kitchen	ND	N/A
7-A	14	Vibration Dampening Cloth	Furnace Room	ND	N/A
8-A	15	Furnace Room Joint Compound	Furnace Room	ND	N/A
9-A	16	Roof Shingles	Roof	ND	N/A
9-B	17	Roof Shingles	Roof	ND	N/A
9-C	18	Roof Shingles	Roof	ND	N/A
10-A	19	Shed Roof	Shed Roof	ND	N/A
11-A	20	Window Caulking	Shed Roof	ND	N/A
11-B	21	Window Caulking	Bedroom	ND	N/A

Table 3: Asbestos Laboratory Analytical Results – 1157 Nantasket Avenue

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
1-A	1	12"x12" Floor Tile	Kitchen	ND	N/A
1-B	2	12"x12" Floor Tile	Front Hall	ND	N/A
1-C	3	12"x12" Floor Tile	Kitchen	ND	N/A
2-A	4	Mastic Below 12"x12"	Kitchen	ND	N/A
2-B	5	Mastic Below 12"x12"	Front Hall	ND	N/A
3-A	6	Mastic Below Mastic	Kitchen	ND	N/A
4-A	7	Bathroom Linoleum	Bathroom	ND	N/A
5-A	8	Gypsum Wallboard	Kitchen	ND	N/A
5-B	9	Gypsum Wallboard	Furnace Room	ND	N/A
5-C	10	Gypsum Wallboard	Furnace Room	ND	N/A
6-A	11	Joint Compound	Kitchen	ND	N/A
6-B	12	Joint Compound	Furnace Room	ND	N/A
7-A	13	Sink Mastic	Kitchen	ND	N/A
8-A	14	Roof Shingles	Roof	ND	N/A
8-B	15	Roof Shingles	Roof	ND	N/A
8-C	16	Roof Shingles	Roof	ND	N/A
9-A	17	Shed Roof	Shed Roof	ND	N/A
10-A	18	Window Caulking	Carport	ND	N/A
10-B	19	Window Caulking	Living Room	ND	N/A

Table 4: Asbestos Laboratory Analytical Results – 1159 Nantasket Avenue

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
1-A	1	12"x12" Floor Tile	Kitchen	ND	N/A
1-B	2	12"x12" Floor Tile	Front Hall	ND	N/A
1-C	3	12"x12" Floor Tile	Kitchen	ND	N/A
2-A	4	Mastic Below 12"x12"	Kitchen	ND	N/A
3-A	5	12"x12" Floor Tile	Kitchen	ND	N/A
3-B	6	12"x12" Floor Tile	Kitchen	ND	N/A

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
3-C	7	12"x12" Floor Tile	Kitchen	ND	N/A
4-A	8	Mastic Below 12"x12"	Kitchen	ND	N/A
5-A	9	Tile Below Carpet In Hall	Hall	8% Chrysotile	Non-friable
6-A	10	Gypsum Wallboard	Kitchen	ND	N/A
6-B	11	Gypsum Wallboard	Furnace Room	ND	N/A
6-C	12	Gypsum Wallboard	Furnace Room	ND	N/A
7-A	13	Joint Compound	Kitchen	ND	N/A
7-B	14	Joint Compound	Furnace Room	ND	N/A
8-A	15	Sink Mastic	Kitchen	ND	N/A
9-A	16	Roof Shingles	Roof	ND	N/A
9-B	17	Roof Shingles	Roof	ND	N/A
9-C	18	Roof Shingles	Roof	ND	N/A
10-A	19	Shed Roof	Shed Roof	ND	N/A
11-A	20	Window Caulking	Carport	ND	N/A
11-B	21	Window Caulking	Bedroom	ND	N/A

Table 5: Asbestos Laboratory Analytical Results – 1161 Nantasket Avenue

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
1-A	1	Roof Shingles	Roof	ND	N/A
1-B	2	Roof Shingles	Roof	ND	N/A
1-C	3	Roof Shingles	Roof	ND	N/A
2-A	4	Shed Roof	Shed Roof	ND	N/A
3-A	5	Window Caulking	Carport	ND	N/A
3-B	6	Window Caulking	Bedroom	ND	N/A
4-A	7	Gypsum Wallboard	Kitchen	ND	N/A
4-B	8	Gypsum Wallboard	Furnace Room	ND	N/A
4-C	9	Gypsum Wallboard	Furnace Room	ND	N/A
5-A	10	Joint Compound	Kitchen	ND	N/A
5-B	11	Joint Compound	Furnace Room	ND	N/A
6-A	12	12"x12" Tile	Kitchen	ND	N/A
6-B	13	12"x12" Tile	Front Hall	ND	N/A

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
7-A	14	2nd Layer 12"x12" Tile	Kitchen	ND	N/A
7-B	15	2nd Layer 12"x12" Tile	Front Hall	ND	N/A
8-A	16	Mastic Below 2nd Layer Tile	Kitchen	ND	N/A
9-A	17	12"x12" Self Stick In Bathroom	Bathroom	ND	N/A
10-A	18	2nd Layer Linoleum In Bathroom	Bathroom	ND	N/A
11-A	19	Tile In HW Heater Room Under Carpet	Hall	ND	N/A
12-A	20	Sink Mastic	Kitchen	ND	N/A

Table 6: Asbestos Laboratory Analytical Results – 1163 Nantasket Avenue

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
1-A	1	Roof Shingles	Roof	ND	N/A
1-B	2	Roof Shingles	Roof	ND	N/A
1-C	3	Roof Shingles	Roof	ND	N/A
2-A	4	Shed Roof	Shed Roof	ND	N/A
3-A	5	Window Caulking	Carport	ND	N/A
3-B	6	Window Caulking	Bedroom	ND	N/A
4-A	7	Gypsum Wallboard	Kitchen	ND	N/A
4-B	8	Gypsum Wallboard	Furnace Room	ND	N/A
4-C	9	Gypsum Wallboard	Furnace Room	ND	N/A
5-A	10	Joint Compound	Kitchen	ND	N/A
5-B	11	Joint Compound	Furnace Room	ND	N/A
6-A	12	12"x12" Floor Tile	Kitchen	ND	N/A
6-B	13	12"x12" Floor Tile	Front Hall	ND	N/A
7-A	14	Mastic Below 12"x12"	Kitchen	ND	N/A
8-A	15	2nd Layer 12"x12" Tile	Kitchen	ND	N/A

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
8-B	16	2nd Layer 12"x12" Tile	Front Hall	ND	N/A
9-A	17	9"x9" Tile Below Carpet	Bedroom	2% Chrysotile	Non-Friable
9-B	18	9"x9" Tile Below Carpet	Hall	Not Analyzed	Non-Friable
10-A	19	Mastic Below 9"x9"	Bedroom	ND	N/A
11-A	20	Bathroom Linoleum	Bathroom	ND	N/A
12-A	21	Sink Mastic	Kitchen	ND	N/A

Table 7: Asbestos Laboratory Analytical Results – 1165 Nantasket Avenue

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
1-A	1	Roof Shingles	Roof	ND	N/A
1-B	2	Roof Shingles	Roof	ND	N/A
1-C	3	Roof Shingles	Roof	ND	N/A
2-A	4	Tar Paper Main Roof	Roof	ND	N/A
3-A	5	Shed Roof	Shed Roof	ND	N/A
4-A	6	Window Caulking	Carport	ND	N/A
4-B	7	Window Caulking	Bedroom	ND	N/A
5-A	8	Gypsum Wallboard	Kitchen	ND	N/A
5-B	9	Gypsum Wallboard	Furnace Room	ND	N/A
5-C	10	Gypsum Wallboard	Furnace Room	ND	N/A
6-A	11	Joint Compound	Kitchen	ND	N/A
6-B	12	Joint Compound	Furnace Room	ND	N/A
7-A	13	12"x12" Floor Tile	Kitchen	ND	N/A
7-B	14	12"x12" Floor Tile	Front Hall	ND	N/A
8-A	15	2nd Layer 12"x12" Tile	Kitchen	ND	N/A
8-B	16	2nd Layer 12"x12" Tile	Front Hall	ND	N/A
9-A	17	Bathroom Linoleum	Bathroom	ND	N/A
10-A	18	Sink Mastic	Kitchen	ND	N/A
11-A	19	Pipe Insulation	Kitchen	ND	N/A

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
12-A	20	Pipe Fitting Insulation	Kitchen	ND	N/A

Table 8: Asbestos Laboratory Analytical Results – 1167 Nantasket Avenue

H.A.	Sample	Material Description	Sample Location	Asbestos	Category/ Friability
1-A	1	Roof Shingles	Roof	ND	N/A
1-B	2	Roof Shingles	Roof	ND	N/A
1-C	3	Roof Shingles	Roof	ND	N/A
2-A	4	Shed Roof	Shed Roof	ND	N/A
3-A	5	Window Caulking	Living Room	ND	N/A
3-B	6	Window Caulking	Bedroom	ND	N/A
4-A	7	Gypsum Wallboard	Kitchen	ND	N/A
4-B	8	Gypsum Wallboard	Furnace Room	ND	N/A
4-C	9	Gypsum Wallboard	Furnace Room	ND	N/A
5-A	10	Joint Compound	Kitchen	ND	N/A
5-B	11	Joint Compound	Furnace Room	ND	N/A
6-A	12	12"x12" Floor Tile	Kitchen	ND	N/A
6-B	13	12"x12" Floor Tile	Front Hall	ND	N/A
7-A	14	Mastic Below 12"x12"	Kitchen	ND	N/A
8-A	15	Bathroom Linoleum	Bathroom	ND	N/A
9-A	16	Sink Mastic	Kitchen	ND	N/A

3.0 RECOMMENDATIONS

The identification of ACM at the Site is considered a concern. Prior to any renovation or demolition activity that may disturb asbestos containing materials, those materials must be abated in accordance with federal and state regulations. There is no regulatory obligation to remove asbestos containing materials that are not releasing fibers. However, the presence of ACM and/or PACM in accordance with the OSHA Asbestos Standard for General Industry (29 CFR 1910.1001) means that building owners must make their employees aware of the presence and location of ACM and PACM. If the buildings will be occupied in the future, an Asbestos Operations Maintenance Plan can be used to document compliance with OSHA.

If the buildings are to be renovated and/or demolished, an Asbestos Operations and Management Plan should be developed to manage the suspect/presumed ACMs in place. If the intended use of the property is changed in the future, abatement of the ACM by a certified asbestos abatement company may be warranted. In addition, if maintenance activities are performed that affect the potential ACM, the material should be handled accordingly by qualified individuals.

3.1 LIMITATIONS

The conclusions of the report are professional opinions based solely upon visual site observations, and interpretations of analyses as described in this report. The opinions presented within this report apply to the site conditions existing at the time of the investigations, and interpretation of current regulations. Therefore, opinions and recommendations provided within this report might not apply to future conditions that may exist at the Site.

The current regulations should always be verified prior to any work involving asbestos or other regulated materials. This survey and condition/risk assessment is not intended to be used as an abatement design document. All existing conditions, quantities, and locations should be verified prior to abatement. ACM may be found within wall cavities, above ceilings, in pipe chases, within attics, or other inaccessible areas. The survey and condition/risk assessment did not include an investigation of potentially buried piping within or in the vicinity of the structures.

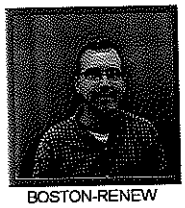
ATTACHMENT A:
ASBESTOS INSPECTOR'S CERTIFICATION

Commonwealth of Massachusetts
Department of Labor Standards
Heather E. Rowe, Director
Asbestos Inspector

MATTHEW T. MADDEN

Eff. Date 09/09/13
Exp. Date 09/09/14
AI900151
Member of C.O.N.E.S.
BOSR

14



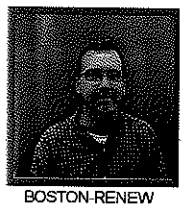
BOSTON-RENEW

Commonwealth of Massachusetts
Department of Labor Standards
Heather E. Rowe, Director
Asbestos Management Planner

MATTHEW T. MADDEN

Eff. Date 09/09/13
Exp. Date 09/09/14
AP000075
Member of C.O.N.E.S.
BOSR

14



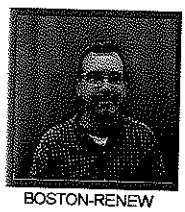
BOSTON-RENEW

Commonwealth of Massachusetts
Department of Labor Standards
Heather E. Rowe, Director
Asbestos Designer

MATTHEW T. MADDEN

Eff. Date 09/09/13
Exp. Date 09/09/14
AD061092
Member of C.O.N.E.S.
BOSR

14



BOSTON-RENEW

This is to certify that

Matthew T Madden

has completed the requisite training, and has passed an examination for reaccreditation as:

Asbestos Inspector Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

Course Location

Institute for Environmental Education, Inc.
16 Upton Drive Wilmington, MA 01887

July 14, 2014
Course Dates

14-9106-106-218042
Certificate Number

July 14, 2014
Examination Date

July 14, 2015
Expiration Date

Training Director

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272 www.ieetrains.com

INSTITUTE FOR ENVIRONMENTAL EDUCATION

This is to certify that

Matthew T Madden

has completed the requisite training, and has passed an examination for reaccreditation

Asbestos Management Planner Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

Course Location

Institute for Environmental Education, Inc.
16 Upton Drive Wilmington, MA 01887

July 28, 2014
Course Dates

14-9111-136-218042
Certificate Number

July 28, 2014
Examination Date

July 28, 2015
Expiration Date

Training Director

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272 www.ieetrains.com

INSTITUTE FOR ENVIRONMENTAL EDUCATION

This is to certify that

Matthew T Madden

has completed the requisite training, and has passed an examination for reaccreditation

Asbestos Designer Refresher

pursuant to Title II of the Toxic Substance Control Act, 15 U.S.C. 2646

Course Location

Institute for Environmental Education, Inc.
16 Upton Drive Wilmington, MA 01887

July 17, 2014
Course Dates

14-9096-128-218042
Certificate Number

July 17, 2014
Examination Date

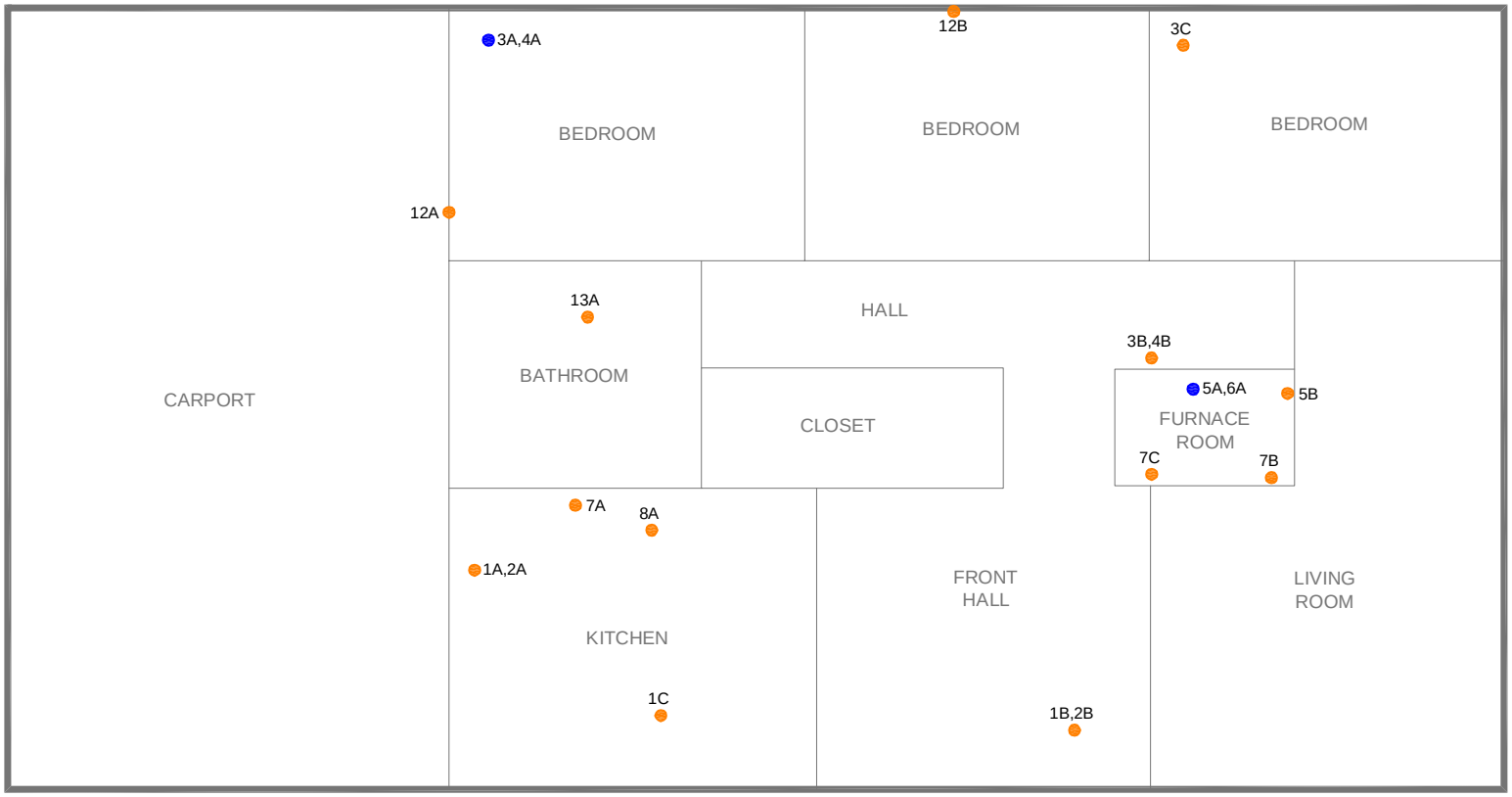
July 17, 2015
Expiration Date

Training Director

16 Upton Drive, Wilmington, MA 01887 Telephone 978.658.5272 www.ieetrains.com

INSTITUTE FOR ENVIRONMENTAL EDUCATION

ATTACHMENT B:
ASBESTOS SAMPLING LOCATION MAPS



LEGEND

Confirmed ACM Sample Locations
(sample 10A contained asbestos)

Asbestos Sample Locations

NOTES:

Sample Locations not shown:
9A - Roof Shingles
9B - Roof Shingles
9C - Roof Shingles
10A - Penetration Mastic
10B - Penetration Mastic
11A - Shed Roof

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1153 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
ACM SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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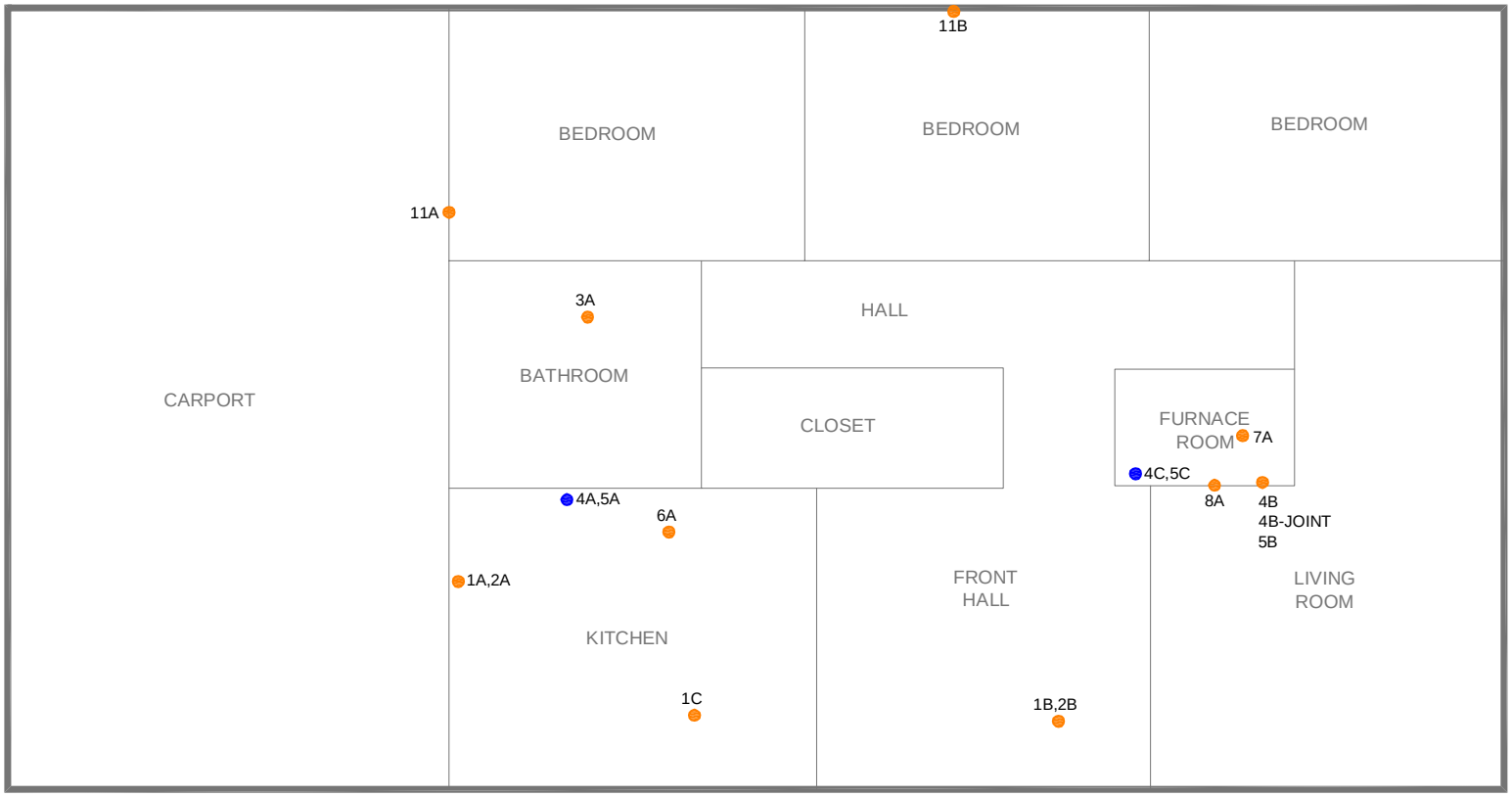

LEGEND

- Confirmed ACM Sample Locations
- Asbestos Sample Locations

NOTES:

Sample Locations not shown:
9A - Roof Shingles
9B - Roof Shingles
9C - Roof Shingles
10A - Shed Roof

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1155 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
ACM SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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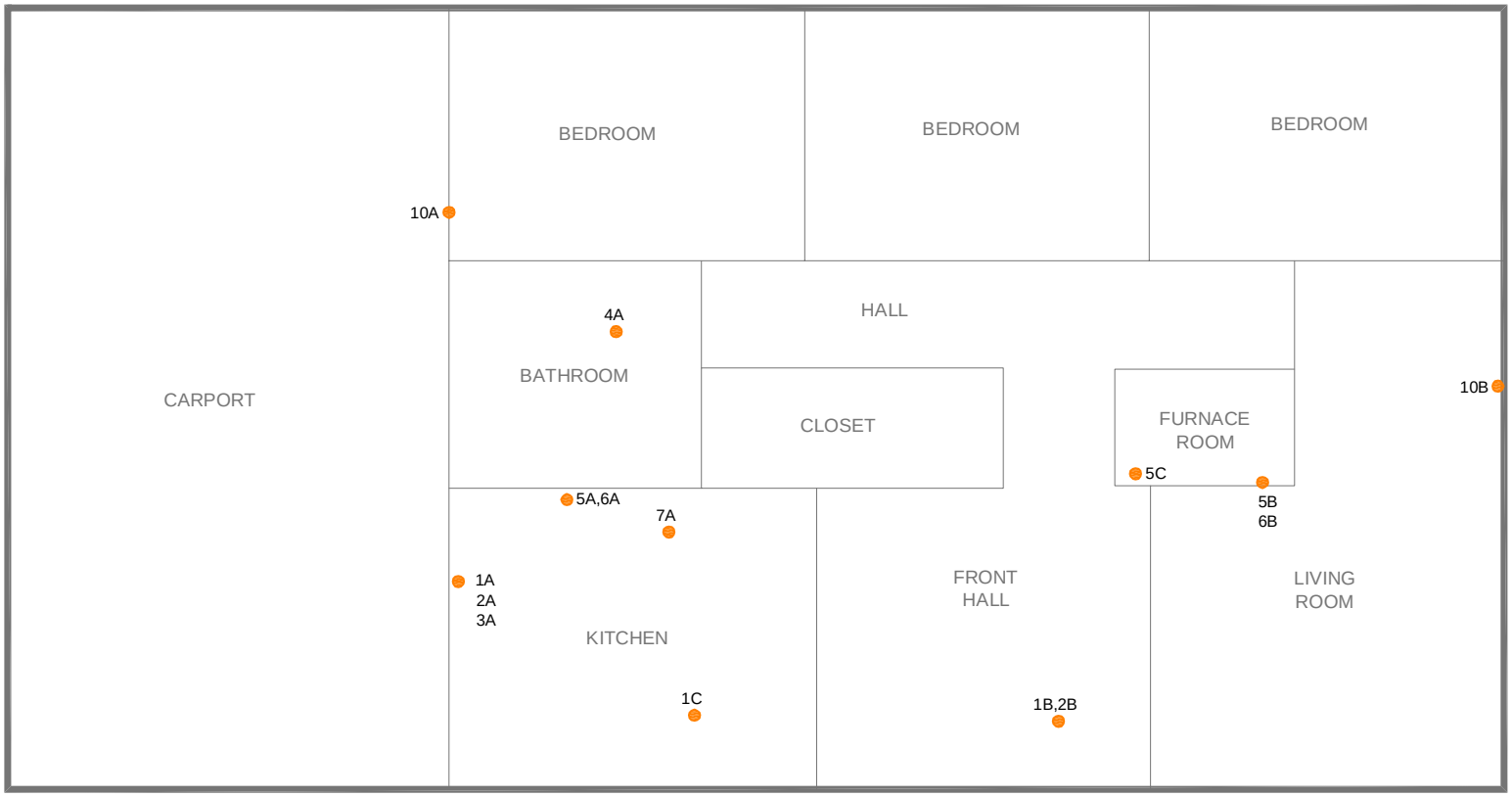

LEGEND

Asbestos Sample Locations

NOTES:

No detections for ACM

Sample Locations not shown:
9A - Roof Shingles
9B - Roof Shingles
9C - Roof Shingles
10A - Shed Roof

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1157 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
ACM SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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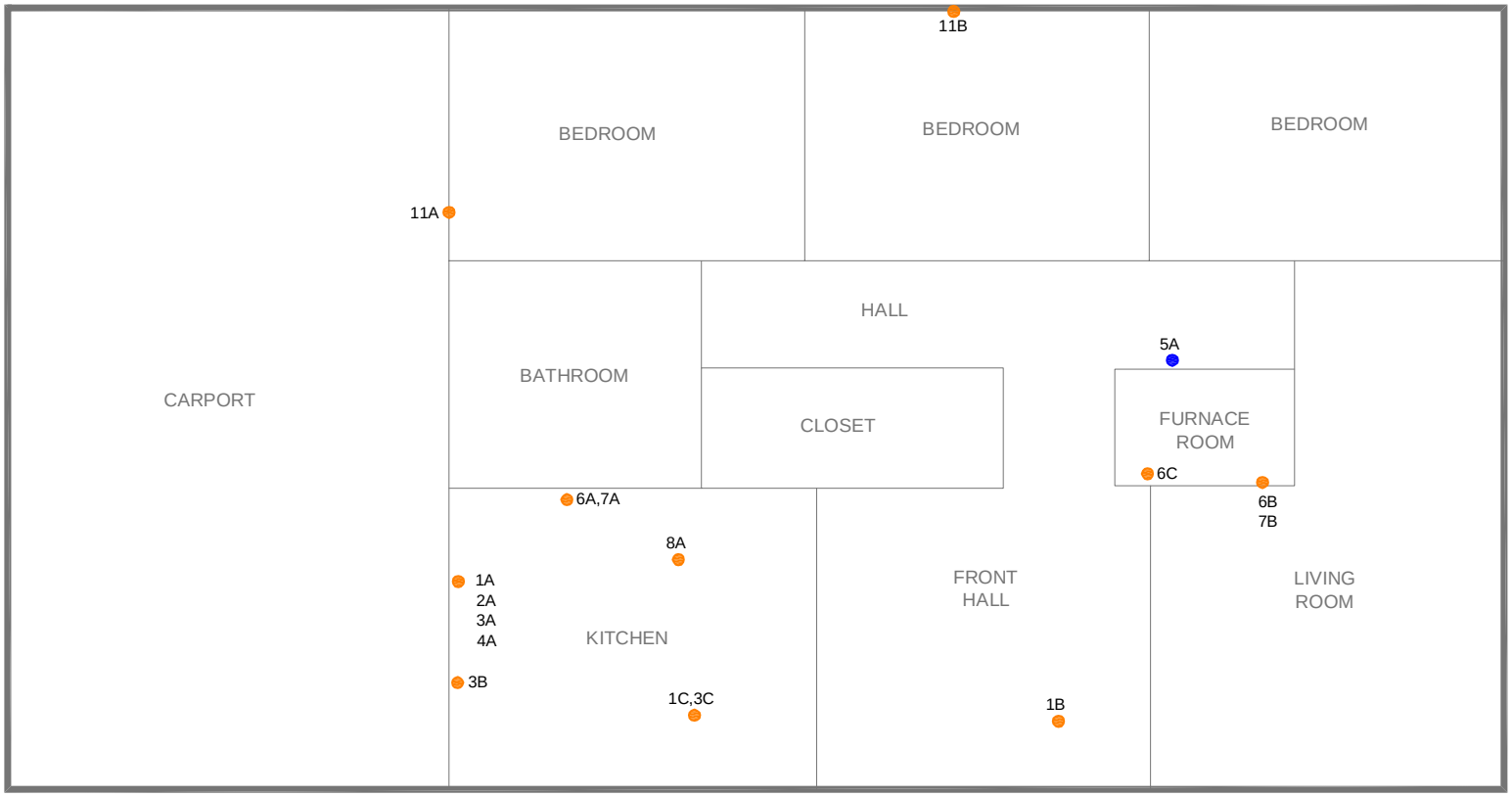

LEGEND

- Confirmed ACM Sample Locations
- Asbestos Sample Locations

NOTES:

Sample Locations not shown:
9A - Roof Shingles
9B - Roof Shingles
9C - Roof Shingles
10A - Shed Roof

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1159 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
ACM SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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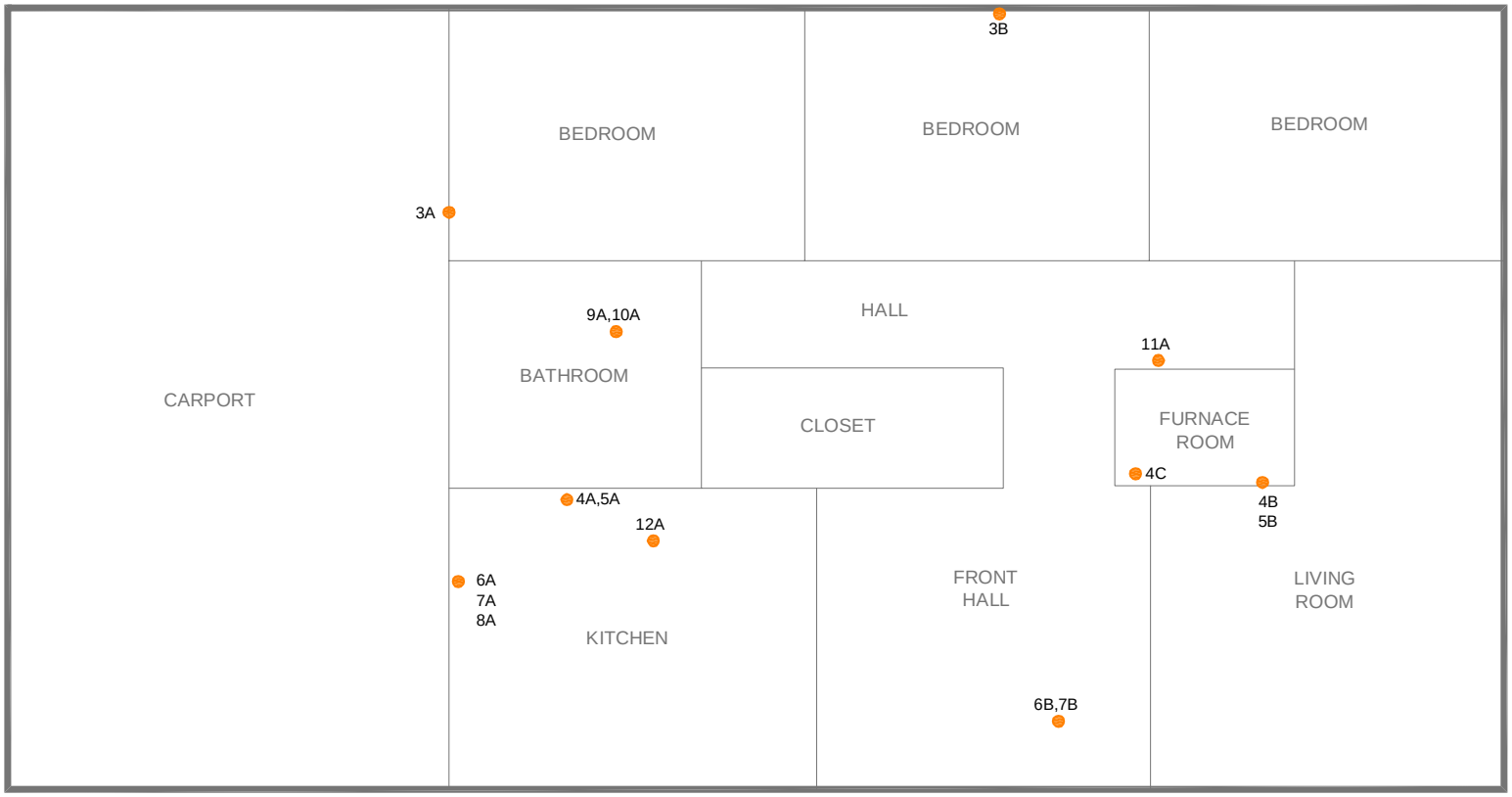

LEGEND

Asbestos Sample Locations

NOTES:

No detections for ACM

Sample Locations not shown:
1A - Roof Shingles
1B - Roof Shingles
1C - Roof Shingles
2A - Shed Roof

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1161 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
ACM SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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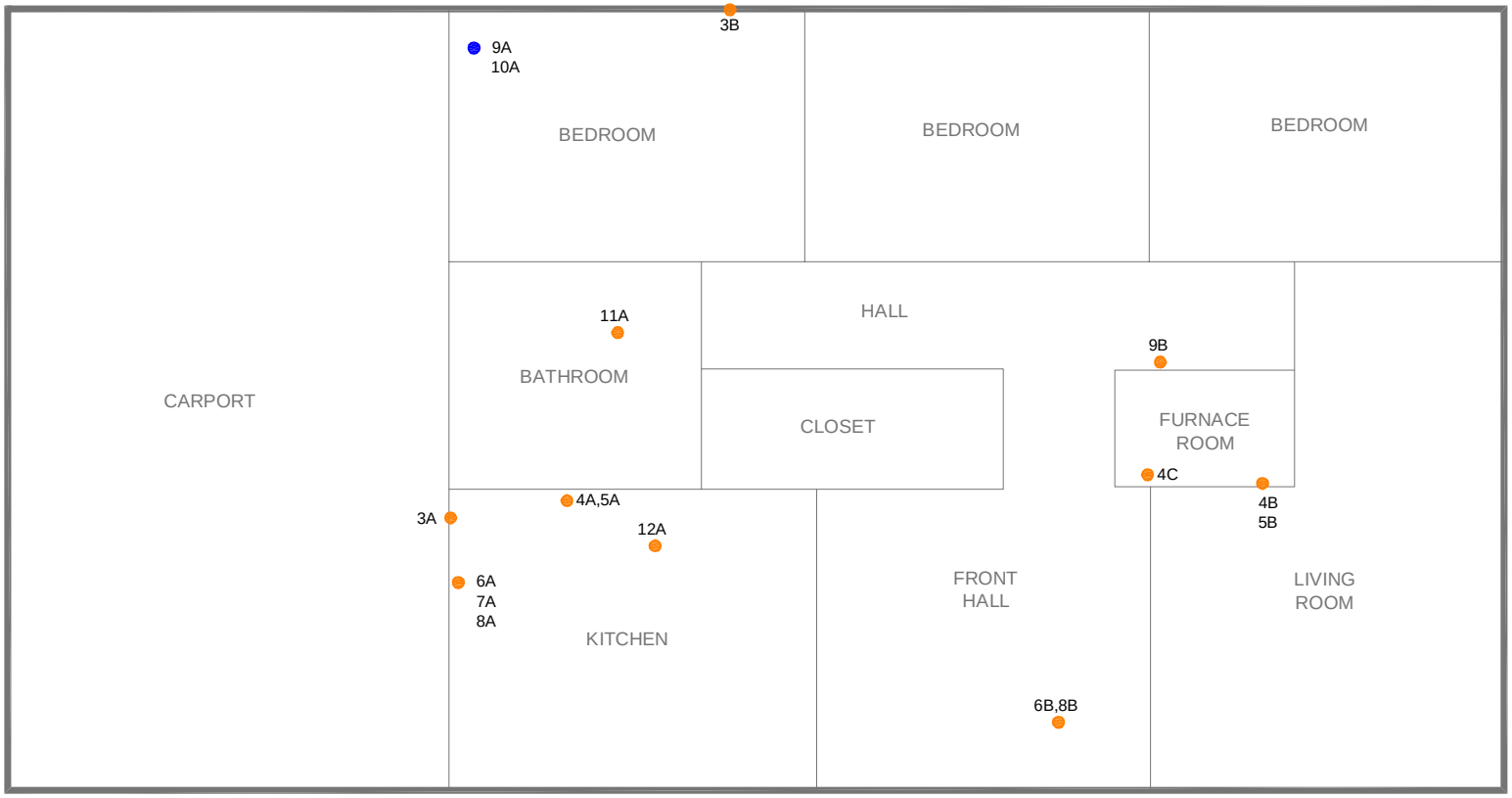

LEGEND

- Confirmed ACM Sample Locations
- Asbestos Sample Locations

NOTES:

Sample Locations not shown:
1A - Roof Shingles
1B - Roof Shingles
1C - Roof Shingles
2A - Shed Roof

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1163 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
ACM SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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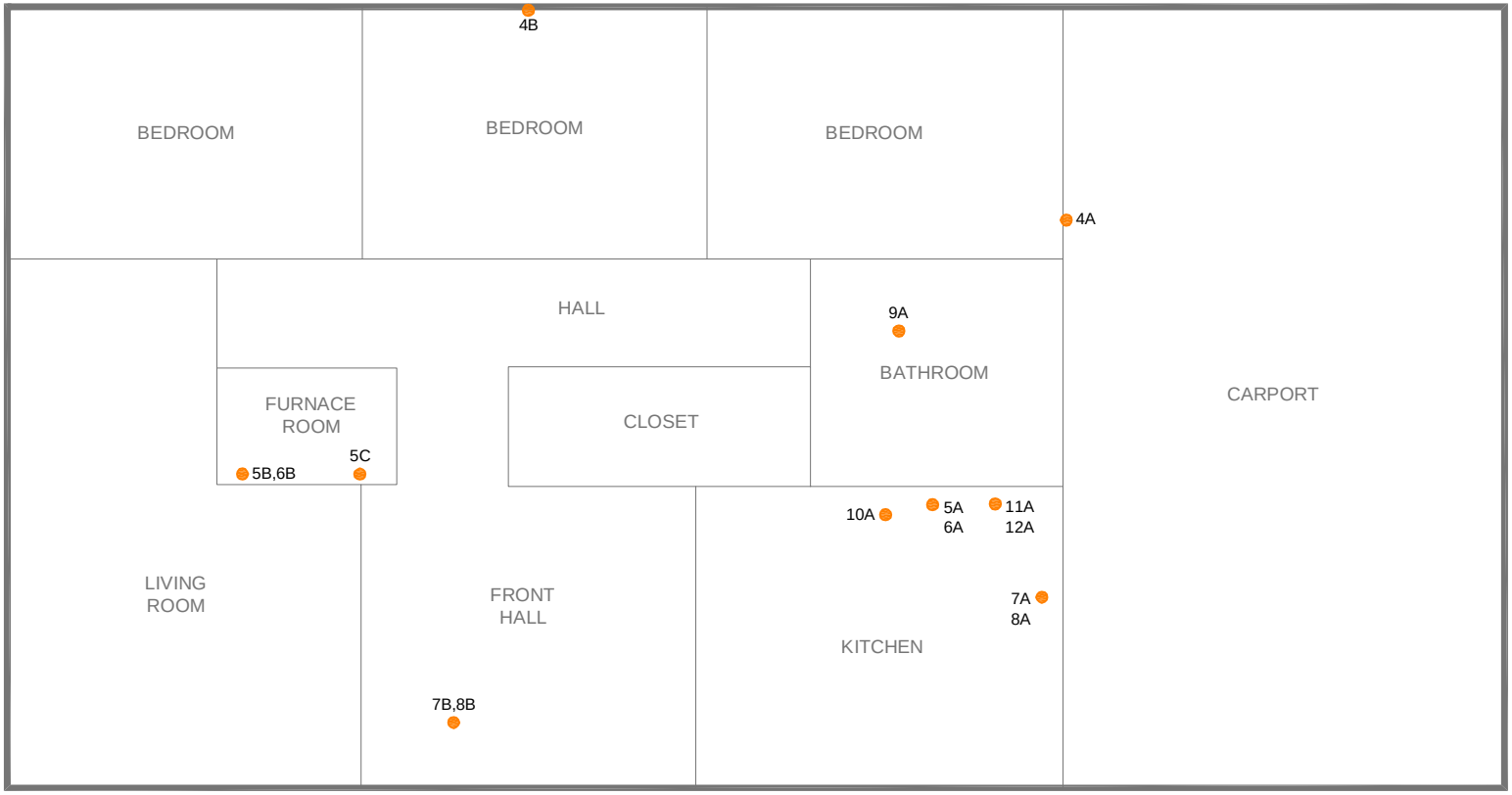

LEGEND

Asbestos Sample Locations

NOTES:

No detections for ACM

Sample Locations not shown:
1A - Roof Shingles
1B - Roof Shingles
1C - Roof Shingles
2A - Tar Paper Main Roof
3A - Shed Roof

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1165 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
ACM SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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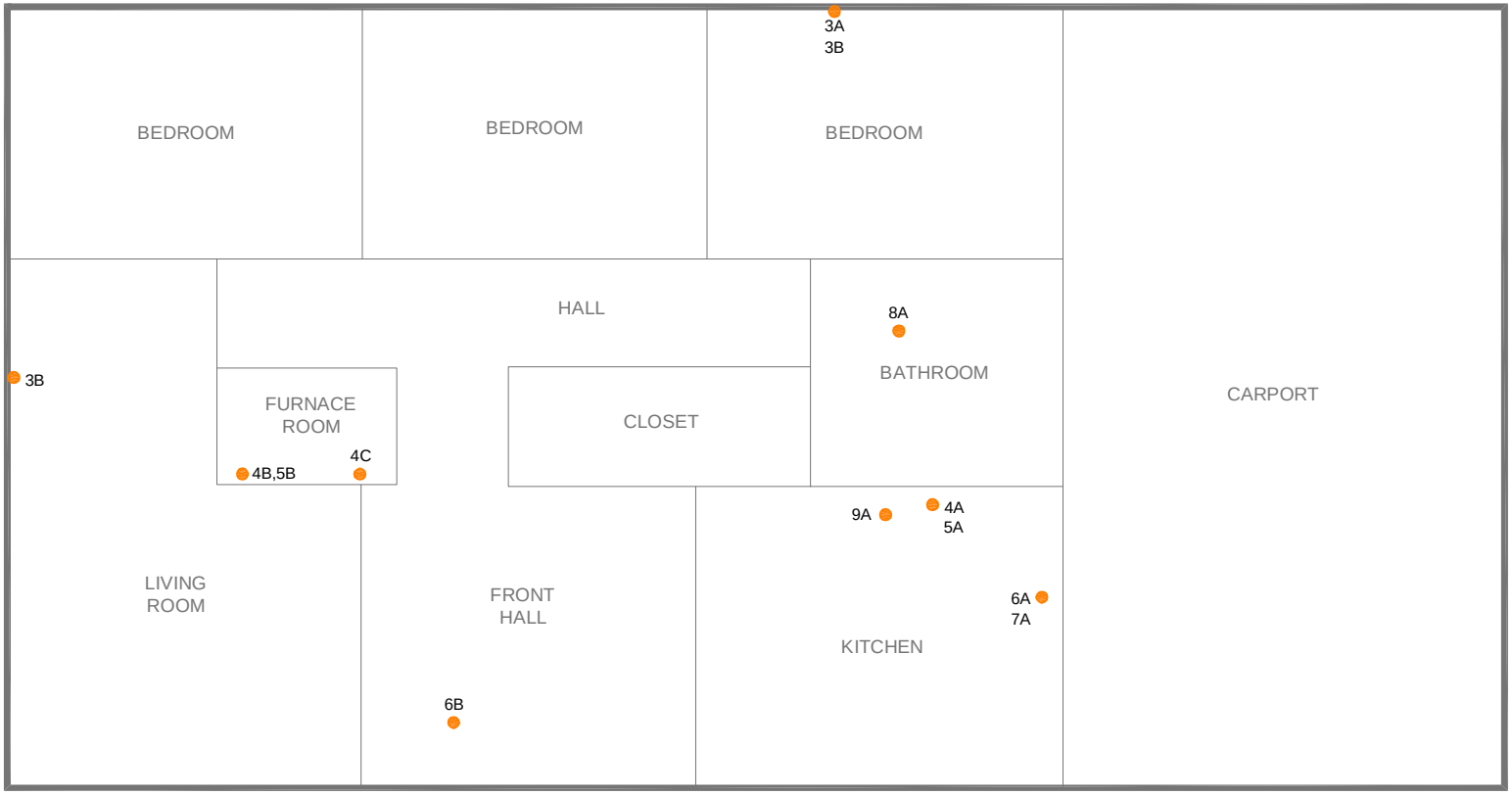

LEGEND

Asbestos Sample Locations

NOTES:

No detections for ACM

Sample Locations not shown:
1A - Roof Shingles
1B - Roof Shingles
1C - Roof Shingles
2A - Shed Roof

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1167 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
ACM SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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ATTACHMENT C
ASBESTOS LABORATORY ANALYTICAL REPORT

SanAir Technologies Laboratory

Analysis Report

prepared for

Tetra Tech, Inc

Report Date: 10/31/2014
Project Name: GSA/ Coast Guard
Project #: 103G1058243
SanAir ID#: 14029991

NVLAP LAB CODE 200870-0

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

Tetra Tech, Inc
45610 Woodland Road
Suite #400
Sterling, VA 20166

October 31, 2014

SanAir ID # 14029991
Project Name: GSA/ Coast Guard
Project Number: 103G1058243

Dear Matt Madden,

We at SanAir would like to thank you for the work you recently submitted. The 26 sample(s) were received on Tuesday, October 28, 2014 via FedEx. The final report(s) is enclosed for the following sample(s): 1153NH-1-A, 1153NH-1-B, 1153NH-1-C, 1153NH-2-A, 1153NH-2-B, 1153NH-3-A, 1153NH-3-B, 1153NH-3-C, 1153NH-4-A, 1153NH-4-B, 1153NH-5-A, 1153NH-5-B, 1153NH-6-A, 1153NH-7-A, 1153NH-7-B, 1153NH-7-C, 1153NH-8-A, 1153NH-9-A, 1153NH-9-B, 1153NH-9-C, 1153NH-10-A, 1153NH-10-B, 1153NH-11-A, 1153NH-12-A, 1153NH-12-B, 1153NH-13-A.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
26 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14029991

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 12:19:59 PM
Analyst: Fisher, Toni

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-1-A / 14029991-001 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-1-B / 14029991-002 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-1-C / 14029991-003 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-2-A / 14029991-004 Mastic Below 12"x12"	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-2-B / 14029991-005 Mastic Below 12"x12"	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-3-A / 14029991-006 9"x9" Floor Tile	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-3-B / 14029991-007 9"x9" Floor Tile				Not Analyzed

Certification

Signature:

Date: 10/31/2014

Reviewed: Sandra Sobrino

Date: 10/31/2014

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14029991

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 12:19:59 PM
Analyst: Fisher, Toni

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-3-C / 14029991-008 9"x9" Floor Tile				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-4-A / 14029991-009 Mastic Below Tile	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-4-B / 14029991-010 Mastic Below Tile	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-5-A / 14029991-011 9"x9" Floor Tile	Black Non-Fibrous Homogeneous		94% Other	6% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-5-B / 14029991-012 9"x9" Floor Tile				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-6-A / 14029991-013 Mastic Below Tile	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-7-A / 14029991-014 Gypsum Wallboard	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: Reviewed: Sandra Sobrino

Date: 10/31/2014 Date: 10/31/2014

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14029991

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 12:19:59 PM
Analyst: Fisher, Toni

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1153NH-7-B / 14029991-015 Gypsum Wallboard	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1153NH-7-C / 14029991-016 Gypsum Wallboard	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1153NH-8-A / 14029991-017 Sink Mastic	White Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1153NH-9-A / 14029991-018 Roof Shingles	Black Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1153NH-9-B / 14029991-019 Roof Shingles	Black Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1153NH-9-C / 14029991-020 Roof Shingles	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1153NH-10-A / 14029991-021 Penetration Mastic	Black Non-Fibrous Homogeneous		90% Other	10% Chrysotile

Certification

Signature: Reviewed: Sandra Sobrino

Date: 10/31/2014 Date: 10/31/2014

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14029991

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 12:19:59 PM
Analyst: Fisher, Toni

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-10-B / 14029991-022 Penetration Mastic				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-11-A / 14029991-023 Shed Roof	Black Fibrous Homogeneous	15% Glass	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-12-A / 14029991-024 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-12-B / 14029991-025 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1153NH-13-A / 14029991-026 Linoleum Flooring	White Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

Certification

Signature:

Date: 10/31/2014

Reviewed: Sandra Sobrino

Date: 10/31/2014

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientõs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

SanAir Technologies Laboratory
1551 Oakbridge Drive Suite B
Powhatan, VA 23139
804-897-1177 / 888-895-1177
Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number: 14029991

Company: Tetra Tech, Inc		Project #: 103G1058243	Collected by: Matt Madden
Address: 45610 Woodland Road		Project Name: GSA/Coast Guard	Phone #: 703-390-0656
City, St., Zip: Sterling, VA 20166		Date Collected: 10/10/14	Fax #: 703-391-5876
State of Collection: MA	Account#: 2399	P.O. Number:	Email: matt.madden@tetratech.com

Bulk

ABB	PLM EPA 600/R-93/116	☑
	Positive Stop ☑	
ABEPA	PLM EPA 400 Point Count	☐
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB	☐
ABBCH	TEM Chatfield	☐
ABBTM	TEM EPA NOB	☐

Water

ABHE	EPA 100.2	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐
ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0.1%)	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Other

Matrix		
Bulk		☐

Turn Around Times				
	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☐
	2 Days ☐	3 Days ■	4 Days ☐	5 Days ☐

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start	Time* Stop
1153NH-1-A	12"x12" White Floor Tile		Bulk			
1153NH-1-B	12"x12" White Floor Tile					
1153NH-1-C	12"x12" White Floor Tile					
1153NH-2-A	Mastic Below 12"x12" White					
1153NH-2-B	Mastic Below 12"x12" White					
1153NH-3-A	9"x9" Grey Floor Tile					
1153NH-3-B	9"x9" Grey Floor Tile					
1153NH-3-C	9"x9" Grey Floor Tile					
1153NH-4-A	Mastic Below Grey Tile					
1153NH-4-B	Mastic Below Grey Tile					
1153NH-5-A	9"x9" Black Floor Tile					
1153NH-5-B	9"x9" Black Floor Tile					

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	10/25/13	9:30 am	MC	OCT 28 2014	10:25AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

1402999 1

Sample #	Sample Identification/Location	Sample Type	Flow Rate*	Time* Start – Stop	
1153NH-6-A	Mastic Below Black Tile	Bulk			
1153NH-7-A	Gypsum Wall Board				
1153NH-7-B	Gypsum Wall Board				
1153NH-7-C	Gypsum Wall Board				
1153NH-8-A	Sink Mastic				
1153NH-9-A	Roof Shingles				
1153NH-9-B	Roof Shingles				
1153NH-9-C	Roof Shingles				
1153NH-10-A	Penetration Mastic				
1153NH-10-B	Penetration Mastic				
1153NH-11-A	Shed Roof				
1153NH-12-A	Window Caulking				
1153NH-12-B	Window Caulking				
1153NH-13-A	Linoleum Flooring				

Special Instructions	

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	10/25/14	9:30am	MC	OCT 28 2014	10:25AM

Unless scheduled, the turn around time for all samples received after 3 pm Friday will begin at 8 am Monday morning.
Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.
Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

SanAir Technologies Laboratory

Analysis Report

prepared for

Tetra Tech, Inc

Report Date: 10/31/2014
Project Name: GSA/ Coast Guard
Project #: 103G1058243
SanAir ID#: 14030001

NVLAP LAB CODE 200870-0

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
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Web: http://www.sanair.com E-mail: iaq@sanair.com

Tetra Tech, Inc
45610 Woodland Road
Suite #400
Sterling, VA 20166

October 31, 2014

SanAir ID # 14030001
Project Name: GSA/ Coast Guard
Project Number: 103G1058243

Dear Matt Madden,

We at SanAir would like to thank you for the work you recently submitted. The 21 sample(s) were received on Tuesday, October 28, 2014 via FedEx. The final report(s) is enclosed for the following sample(s): 1155NH-1-A, 1155NH-1-B, 1155NH-1-C, 1155NH-2-A, 1155NH-2-B, 1155NH-3-A, 1155NH-4-A, 1155NH-4-B, 1155NH-4-C, 1155NH-5-A, 1155NH-5-B, 1155NH-5-C, 1155NH-6-A, 1155NH-7-A, 1155NH-8-A, 1155NH-9-A, 1155NH-9-B, 1155NH-9-C, 1155NH-10-A, 1155NH-11-A, 1155NH-11-B.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
21 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030001

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 2:35:15 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-1-A / 14030001-001 12"x12" Floor Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-1-B / 14030001-002 12"x12" Floor Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-1-C / 14030001-003 12"x12" Floor Tile	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-2-A / 14030001-004 Mastic Below 12"x12"	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-2-B / 14030001-005 Mastic Below 12"x12"	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-3-A / 14030001-006 Bathroom Linoleum	White Non-Fibrous Heterogeneous	40% Cellulose	60% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-4-A / 14030001-007 Gypsum Wallboard	White Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: Nathan Vaughn
Date: 10/31/2014

Reviewed: Sandra Sobrino
Date: 10/31/2014

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030001

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 2:35:15 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-4-B / 14030001-008 Gypsum Wallboard, Wallboard	White Non-Fibrous Heterogeneous	10% Cellulose	90% Other	None Detected
1155NH-4-B / 14030001-008 Gypsum Wallboard, Joint Compound	Beige Non-Fibrous Heterogeneous		100% Other	< 1% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-4-C / 14030001-009 Gypsum Wallboard	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-5-A / 14030001-010 Joint Compound	Beige Non-Fibrous Heterogeneous		97% Other	3% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-5-B / 14030001-011 Joint Compound				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-5-C / 14030001-012 Joint Compound				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-6-A / 14030001-013 Sink Mastic	White Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: Nathan Vaughan
Date: 10/31/2014

Reviewed: Sandra Sobrino
Date: 10/31/2014

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SanAir ID Number

14030001

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 2:35:15 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1155NH-7-A / 14030001-014 Vibration Dampening Cloth	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1155NH-8-A / 14030001-015 Furnace Room Joint Compound	White Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1155NH-9-A / 14030001-016 Roof Shingles	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1155NH-9-B / 14030001-017 Roof Shingles	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1155NH-9-C / 14030001-018 Roof Shingles	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1155NH-10-A / 14030001-019 Shed Roof	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1155NH-11-A / 14030001-020 Window Caulking	White Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: Nathan Vaughan
Date: 10/31/2014

Reviewed: Sandra Sobrino
Date: 10/31/2014

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Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030001

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 2:35:15 PM
Analyst: Vaughan, Nathaniel

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1155NH-11-B / 14030001-021 Window Caulking	White Non-Fibrous Heterogeneous		100% Other	None Detected

Certification

Signature: Nathan Vaughan
Date: 10/31/2014

Reviewed: Sandra Sobrino
Date: 10/31/2014

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientõs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

SanAir Technologies Laboratory
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Asbestos Chain of Custody

SanAir ID Number 14030001

Company: Tetra Tech, Inc		Project #: 103G1058243	Collected by: Matt Madden
Address: 45610 Woodland Road		Project Name: GSA/Coast Guard	Phone #: 703-390-0656
City, St., Zip: Sterling, VA 20166		Date Collected: 10/10/14	Fax #: 703-391-5876
State of Collection: MA	Account#: 2399	P.O. Number:	Email: matt.madden@tetratech.com

Bulk

ABB	PLM EPA 600/R-93/116	☑
	Positive Stop ☑	
ABEPA	PLM EPA 400 Point Count	☐
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB	☐
ABBCH	TEM Chatfield	☐
ABBTM	TEM EPA NOB	☐

Water

ABHE	EPA 100.2	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐
ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0.1%)	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Other

Matrix		
Bulk		☐

Turn Around Times				
	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☐
	2 Days ☐	3 Days ■	4 Days ☐	5 Days ☐

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start	Time* Stop
1155NH-1-A	12"x12" White Floor Tile		Bulk			
1155NH-1-B	12"x12" White Floor Tile					
1155NH-1-C	12"x12" White Floor Tile					
1155NH-2-A	Mastic Below 12"x12" White					
1155NH-2-B	Mastic Below 12"x12" White					
1155NH-3-A	Bathroom Linoleum					
1155NH-4-A	Gypsum Wall Board					
1155NH-4-B	Gypsum Wall Board					
1155NH-4-C	Gypsum Wall Board					
1155NH-5-A	Joint Compound					
1155NH-5-B	Joint Compound					
1155NH-5-C	Joint Compound					

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	10/15/14	9:30am	MC	OCT 28 2014	10:25AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

14030001

Sample #	Sample Identification/Location	Sample Type	Flow Rate*	Time* Start – Stop	
1155NH-6-A	Sink Mastic	Bulk			
1155NH-7-A	Vibration Dampening Cloth				
1155NH-8-A	Furnace Room Joint Compound				
1155NH-9-A	Roof Shingles				
1155NH-9-B	Roof Shingles				
1155NH-9-C	Roof Shingles				
1155NH-10-A	Shed Roof				
1155NH-11-A	Window Caulking				
1155NH-11-B	Window Caulking				

Special Instructions	

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	10/25/14	9:30am	MC	OCT 28 2014	10:25AM

Unless scheduled, the turn around time for all samples received after 3 pm Friday will begin at 8 am Monday morning.
Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.
Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

SanAir Technologies Laboratory

Analysis Report

prepared for

Tetra Tech, Inc

Report Date: 10/31/2014
Project Name: GSA/ Coast Guard
Project #: 103G1058243
SanAir ID#: 14029987

NVLAP LAB CODE 200870-0

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
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Tetra Tech, Inc
45610 Woodland Road
Suite #400
Sterling, VA 20166

October 31, 2014

SanAir ID # 14029987
Project Name: GSA/ Coast Guard
Project Number: 103G1058243

Dear Matt Madden,

We at SanAir would like to thank you for the work you recently submitted. The 19 sample(s) were received on Tuesday, October 28, 2014 via FedEx. The final report(s) is enclosed for the following sample(s): 1157NH-1-A, 1157NH-1-B, 1157NH-1-C, 1157NH-2-A, 1157NH-2-B, 1157NH-3-A, 1157NH-4-A, 1157NH-5-A, 1157NH-5-B, 1157NH-5-C, 1157NH-6-A, 1157NH-6-B, 1157NH-7-A, 1157NH-8-A, 1157NH-8-B, 1157NH-8-C, 1157NH-9-A, 1157NH-10-A, 1157NH-10-B.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
19 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

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Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14029987

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 12:31:30 PM
Analyst: Childress, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-1-A / 14029987-001 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-1-B / 14029987-002 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-1-C / 14029987-003 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-2-A / 14029987-004 Mastic Below 12"x12"	Beige Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-2-B / 14029987-005 Mastic Below 12"x12"	Beige Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-3-A / 14029987-006 Mastic Below Mastic	Various Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-4-A / 14029987-007 Bathroom Linoleum	White Non-Fibrous Homogeneous	20% Cellulose 5% Glass	75% Other	None Detected

Certification

Signature: Chris Childress
Date: 10/31/2014

Reviewed: Sandra Sobrino
Date: 10/31/2014

SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14029987

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 12:31:30 PM
Analyst: Childress, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-5-A / 14029987-008 Gypsum Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-5-B / 14029987-009 Gypsum Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-5-C / 14029987-010 Gypsum Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-6-A / 14029987-011 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-6-B / 14029987-012 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-7-A / 14029987-013 Sink Mastic	Beige Non-Fibrous Homogeneous	40% Cellulose	60% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-8-A / 14029987-014 Roof Shingles	Black Non-Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

Certification

Signature: Chris Childress
Date: 10/31/2014

Reviewed: Sandra Sobrino
Date: 10/31/2014

SanAir Technologies Laboratory, Inc.

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SanAir ID Number

14029987

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 12:31:30 PM
Analyst: Childress, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-8-B / 14029987-015 Roof Shingles	Black Non-Fibrous Homogeneous	15% Cellulose 10% Glass	75% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-8-C / 14029987-016 Roof Shingles	Black Non-Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-9-A / 14029987-017 Shed Roof	Black Non-Fibrous Homogeneous	5% Cellulose 5% Glass	90% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-10-A / 14029987-018 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1157NH-10-B / 14029987-019 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: Chris Childress
Date: 10/31/2014

Reviewed: Sandra Sobrino
Date: 10/31/2014

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientõs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

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1551 Oakbridge Drive Suite B
Powhatan, VA 23139
804-897-1177 / 888-895-1177
Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number 14029987

Company: Tetra Tech, Inc		Project #: 103G1058243	Collected by: Matt Madden
Address: 45610 Woodland Road		Project Name: GSA/Coast Guard	Phone #: 703-390-0656
City, St., Zip: Sterling, VA 20166		Date Collected: 10/10/14	Fax #: 703-391-5876
State of Collection: MA	Account#: 2399	P.O. Number:	Email: matt.madden@tetratech.com

Bulk

ABB	PLM EPA 600/R-93/116	☑
	Positive Stop ☑	
ABEPA	PLM EPA 400 Point Count	☐
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB	☐
ABBCH	TEM Chatfield	☐
ABBTM	TEM EPA NOB	☐

Water

ABHE	EPA 100.2	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐
ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0.1%)	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Other

Matrix		
Bulk		☐

Turn Around Times				
	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☐
	2 Days ☐	3 Days ■	4 Days ☐	5 Days ☐

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start	Time* Stop
1157NH-1-A	12"x12" White Floor Tile		Bulk			
1157NH-1-B	12"x12" White Floor Tile					
1157NH-1-C	12"x12" White Floor Tile					
1157NH-2-A	Mastic Below 12"x12" White					
1157NH-2-B	Mastic Below 12"x12" White					
1157NH-3-A	Black Mastic Below Yellow Mastic					
1157NH-4-A	Bathroom Linoleum					
1157NH-5-A	Gypsum Wall Board					
1157NH-5-B	Gypsum Wall Board					
1157NH-5-C	Gypsum Wall Board					
1157NH-6-A	Joint Compound					
1157NH-6-B	Joint Compound					

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	10/25/14	9:30 am	MC	OCT 28 2014	10:25AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

14029987

Sample #	Sample Identification/Location	Sample Type	Flow Rate*	Time* Start – Stop	
1157NH-7-A	Sink Mastic	Bulk			
1157NH-8-A	Roof Shingles				
1157NH-8-B	Roof Shingles				
1157NH-8-C	Roof Shingles				
1157NH-9-A	Shed Roof				
1157NH-10-A	Window Caulking				
1157NH-10-B	Window Caulking				

Special Instructions	

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	10/28/14	9:30am	MC	OCT 28 2014	10:25AM

Unless scheduled, the turn around time for all samples received after 3 pm Friday will begin at 8 am Monday morning.
Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.
Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

SanAir Technologies Laboratory

Analysis Report

prepared for

Tetra Tech, Inc

Report Date: 10/31/2014
Project Name: GSA/ Coast Guard
Project #: 103G1058243
SanAir ID#: 14030004

NVLAP LAB CODE 200870-0

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

Tetra Tech, Inc
45610 Woodland Road
Suite #400
Sterling, VA 20166

October 31, 2014

SanAir ID # 14030004
Project Name: GSA/ Coast Guard
Project Number: 103G1058243

Dear Matt Madden,

We at SanAir would like to thank you for the work you recently submitted. The 21 sample(s) were received on Tuesday, October 28, 2014 via FedEx. The final report(s) is enclosed for the following sample(s): 1159NH-1-A, 1159NH-1-B, 1159NH-1-C, 1159NH-2-A, 1159NH-3-A, 1159NH-3-B, 1159NH-3-C, 1159NH-4-A, 1159NH-5-A, 1159NH-6-A, 1159NH-6-B, 1159NH-6-C, 1159NH-7-A, 1159NH-7-B, 1159NH-8-A, 1159NH-9-A, 1159NH-9-B, 1159NH-9-C, 1159NH-10-A, 1159NH-11-A, 1159NH-11-B.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
21 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030004

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 1:04:42 PM
Analyst: Fisher, Toni

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-1-A / 14030004-001 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-1-B / 14030004-002 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-1-C / 14030004-003 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-2-A / 14030004-004 Mastic Below 12"x12"	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-3-A / 14030004-005 12"x12" Floor Tile	Pink Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-3-B / 14030004-006 12"x12" Floor Tile	Pink Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-3-C / 14030004-007 12"x12" Floor Tile	Pink Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature:

Date: 10/31/2014

Reviewed: Sandra Sobrino

Date: 10/31/2014

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
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Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030004

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 1:04:42 PM
Analyst: Fisher, Toni

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-4-A / 14030004-008 Mastic Below 12"x12"	Black Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-5-A / 14030004-009 Tile Below Carpet In Hall	Grey Non-Fibrous Homogeneous		92% Other	8% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-6-A / 14030004-010 Gypsum Wallboard	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-6-B / 14030004-011 Gypsum Wallboard	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-6-C / 14030004-012 Gypsum Wallboard	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-7-A / 14030004-013 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1159NH-7-B / 14030004-014 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature:

Date: 10/31/2014

Reviewed: Sandra Sobrino

Date: 10/31/2014

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030004

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/10/2014
Received Date: 10/28/2014 10:25:00 AM
Report Date: 10/31/2014 1:04:42 PM
Analyst: Fisher, Toni

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1159NH-8-A / 14030004-015 Sink Mastic	White Non-Fibrous Homogeneous	5% Cellulose	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1159NH-9-A / 14030004-016 Roof Shingles	Black Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1159NH-9-B / 14030004-017 Roof Shingles	Black Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1159NH-9-C / 14030004-018 Roof Shingles	Black Non-Fibrous Homogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1159NH-10-A / 14030004-019 Shed Roof	Black Fibrous Homogeneous	20% Glass	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1159NH-11-A / 14030004-020 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1159NH-11-B / 14030004-021 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature:

Date: 10/31/2014

Reviewed: Sandra Sobrino

Date: 10/31/2014

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientõs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

14030004

SanAir Technologies Laboratory
1551 Oakbridge Drive Suite B
Powhatan, VA 23139
804-897-1177 / 888-895-1177
Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number 14029 MC

Company: Tetra Tech, Inc		Project #: 103G1058243	Collected by: Matt Madden
Address: 45610 Woodland Road		Project Name: GSA/Coast Guard	Phone #: 703-390-0656
City, St., Zip: Sterling, VA 20166		Date Collected: 10/10/14	Fax #: 703-391-5876
State of Collection: MA	Account#: 2399	P.O. Number:	Email: matt.madden@tetratech.com

Bulk

ABB	PLM EPA 600/R-93/116	☑
	Positive Stop ☑	
ABEPA	PLM EPA 400 Point Count	☐
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB	☐
ABBCH	TEM Chatfield	☐
ABBTM	TEM EPA NOB	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐
ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0.1%)	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐

Water

ABHE	EPA 100.2	☐

Other

Matrix		
Bulk		☐

Turn Around Times				
	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☐
	2 Days ☐	3 Days ■	4 Days ☐	5 Days ☐

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start	Time* Stop
1159NH-1-A	12"x12" White Floor Tile		Bulk			
1159NH-1-B	12"x12" White Floor Tile					
1159NH-1-C	12"x12" White Floor Tile					
1159NH-2-A	Mastic Below 12"x12" White					
1159NH-3-A	12"x12" Pink Floor Tile					
1159NH-3-B	12"x12" Pink Floor Tile					
1159NH-3-C	12"x12" Pink Floor Tile					
1159NH-4-A	Mastic Below 12"x12" Pink					
1159NH-5-A	Tile Below Carpet in Hall					
1159NH-6-A	Gypsum Wall Board					
1159NH-6-B	Gypsum Wall Board					
1159NH-6-C	Gypsum Wall Board					

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	10/25/14	9:20am	MC	OCT 28 2014	10:25AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

14030004

Sample #	Sample Identification/Location	Sample Type	Flow Rate*	Time* Start – Stop	
1159NH-7-A	Joint Compound	Bulk			
1159NH-7-B	Joint Compound				
1159NH-8-A	Sink Mastic				
1159NH-9-A	Roof Shingles				
1159NH-9-B	Roof Shingles				
1159NH-9-C	Roof Shingles				
1159NH-10-A	Shed Roof				
1159NH-11-A	Window Caulking				
1159NH-11-B	Window Caulking				

Special Instructions	

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	10/25/14	9:30am	MC	OCT 28 2014	10:25AM

Unless scheduled, the turn around time for all samples received after 3 pm Friday will begin at 8 am Monday morning.
Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.
Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

SanAir Technologies Laboratory

Analysis Report

prepared for

Tetra Tech, Inc

Report Date: 11/5/2014
Project Name: GSA/ Coast Guard
Project #: 103G1058243
SanAir ID#: 14030557

NVLAP LAB CODE 200870-0

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

Tetra Tech, Inc
45610 Woodland Road
Suite #400
Sterling, VA 20166

November 5, 2014

SanAir ID # 14030557
Project Name: GSA/ Coast Guard
Project Number: 103G1058243

Dear Matt Madden,

We at SanAir would like to thank you for the work you recently submitted. The 20 sample(s) were received on Monday, November 03, 2014 via FedEx. The final report(s) is enclosed for the following sample(s): 1161NH-1-A, 1161NH-1-B, 1161NH-1-C, 1161NH-2-A, 1161NH-3-A, 1161NH-3-B, 1161NH-4-A, 1161NH-4-B, 1161NH-4-C, 1161NH-5-A, 1161NH-5-B, 1161NH-6-A, 1161NH-6-B, 1161NH-7-A, 1161NH-7-B, 1161NH-8-A, 1161NH-9-A, 1161NH-10-A, 1161NH-11-A, 1161NH-12-A.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
20 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030557

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/31/2014
Received Date: 11/3/2014 8:40:00 AM
Report Date: 11/5/2014 1:20:28 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-1-A / 14030557-001 Roof Shingles	Grey Non-Fibrous Heterogeneous	12% Cellulose	88% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-1-B / 14030557-002 Roof Shingles	Grey Non-Fibrous Heterogeneous	12% Cellulose	88% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-1-C / 14030557-003 Roof Shingles	Grey Non-Fibrous Heterogeneous	12% Cellulose	88% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-2-A / 14030557-004 Shed Roof	Grey Non-Fibrous Heterogeneous	5% Glass	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-3-A / 14030557-005 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-3-B / 14030557-006 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-4-A / 14030557-007 Gypsum Wallboard	Off-White Non-Fibrous Homogeneous	< 1% Cellulose	100% Other	None Detected

Certification

Signature: Susan L. Childress
Date: 11/5/2014

Reviewed: Sandra Sobrino
Date: 11/5/2014

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030557

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/31/2014
Received Date: 11/3/2014 8:40:00 AM
Report Date: 11/5/2014 1:20:28 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-4-B / 14030557-008 Gypsum Wallboard	Off-White Non-Fibrous Homogeneous	< 1% Cellulose	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-4-C / 14030557-009 Gypsum Wallboard	Off-White Non-Fibrous Homogeneous	< 1% Cellulose	100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-5-A / 14030557-010 Joint Compound	Beige Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-5-B / 14030557-011 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-6-A / 14030557-012 12"x12" Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-6-B / 14030557-013 12"x12" Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-7-A / 14030557-014 2nd Layer 12"x12" Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: Susan L. Childress
Date: 11/5/2014

Reviewed: Sandra Sobrino
Date: 11/5/2014

SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030557

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/31/2014
Received Date: 11/3/2014 8:40:00 AM
Report Date: 11/5/2014 1:20:28 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1161NH-7-B / 14030557-015 2nd Layer 12"x12" Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected
1161NH-8-A / 14030557-016 Mastic Below 2nd Layer Tile	Various Non-Fibrous Homogeneous		100% Other	None Detected
1161NH-9-A / 14030557-017 12"x12" Self Stick In Bathroom	White Non-Fibrous Homogeneous		100% Other	None Detected
1161NH-10-A / 14030557-018 2nd Layer Linoleum In Bathroom	White Non-Fibrous Homogeneous		100% Other	None Detected
1161NH-11-A / 14030557-019 Tile In HW Heater Room Under Carpet	Grey Non-Fibrous Homogeneous		100% Other	None Detected
1161NH-12-A / 14030557-020 Sink Mastic	Beige Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected

Certification

Signature: Susan L. Childress
Date: 11/5/2014

Reviewed: Sandra Sobrino
Date: 11/5/2014

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientõs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

SanAir Technologies Laboratory
1551 Oakbridge Drive Suite B
Powhatan, VA 23139
804-897-1177 / 888-895-1177
Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number 14030557

Company: Tetra Tech, Inc		Project #: 103G1058243	Collected by: Matt Madden
Address: 45610 Woodland Road		Project Name: GSA/Coast Guard	Phone #: 703-390-0656
City, St., Zip: Sterling, VA 20166		Date Collected: 10/31/14	Fax #: 703-391-5876
State of Collection: MA	Account#: 2399	P.O. Number:	Email: matt.madden@tetratech.com

Bulk

ABB	PLM EPA 600/R-93/116	☑
	Positive Stop ☑	
ABEPA	PLM EPA 400 Point Count	☐
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB	☐
ABBCH	TEM Chatfield	☐
ABBTM	TEM EPA NOB	☐

Water

ABHE	EPA 100.2	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐
ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0.1%)	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Matrix	Other	
Bulk		☐

Turn Around Times				
	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☐
	2 Days ☐	3 Days ■	4 Days ☐	5 Days ☐

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start	Time* Stop
1161NH-1-A	Roof Shingles		Bulk			
1161NH-1-B	Roof Shingles					
1161NH-1-C	Roof Shingles					
1161NH-2-A	Shed Roof					
1161NH-3-A	Window Caulking					
1161NH-3-B	Window Caulking					
1161NH-4-A	Gypsum Wall Board					
1161NH-4-B	Gypsum Wall Board					
1161NH-4-C	Gypsum Wall Board					
1161NH-5-A	Joint Compound					
1161NH-5-B	Joint Compound					
1161NH-6-A	12"x12" White Tile					

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	11/1/14	7:30 am	MC	NOV 03 2014	8:40AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

14030557

Sample #	Sample Identification/Location	Sample Type	Flow Rate*	Time* Start – Stop	
1161NH-6-B	12"x12" White Tile	Bulk			
1161NH-7-A	2nd Layer 12"x12" Brown Tile				
1161NH-7-B	2nd Layer 12"x12" Brown Tile				
1161NH-8-A	Mastic Below 2nd Layer Brown Tile				
1161NH-9-A	12"x12" Self Stick in Bathroom				
1161NH-10-A	2nd Layer Linoleum in Bathroom				
1161NH-11-A	Grey Tile in HW Heater Room under Carpet				
1161NH-12-A	Sink Mastic				

Special Instructions	

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	11/1/14	7:30am	MC	NOV 03 2014	8:40AM

Unless scheduled, the turn around time for all samples received after 3 pm Friday will begin at 8 am Monday morning.
Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.
Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

SanAir Technologies Laboratory

Analysis Report

prepared for

Tetra Tech, Inc

Report Date: 11/5/2014
Project Name: GSA/ Coast Guard
Project #: 103G1058243
SanAir ID#: 14030558

NVLAP LAB CODE 200870-0

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

Tetra Tech, Inc
45610 Woodland Road
Suite #400
Sterling, VA 20166

November 5, 2014

SanAir ID # 14030558
Project Name: GSA/ Coast Guard
Project Number: 103G1058243

Dear Matt Madden,

We at SanAir would like to thank you for the work you recently submitted. The 21 sample(s) were received on Monday, November 03, 2014 via FedEx. The final report(s) is enclosed for the following sample(s): 1163NH-1-A, 1163NH-1-B, 1163NH-1-C, 1163NH-2-A, 1163NH-3-A, 1163NH-3-B, 1163NH-4-A, 1163NH-4-B, 1163NH-4-C, 1163NH-5-A, 1163NH-5-B, 1163NH-6-A, 1163NH-6-B, 1163NH-7-A, 1163NH-8-A, 1163NH-8-B, 1163NH-9-A, 1163NH-9-B, 1163NH-10-A, 1163NH-11-A, 1163NH-12-A.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
21 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

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Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030558

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/31/2014
Received Date: 11/3/2014 8:40:00 AM
Report Date: 11/5/2014 4:41:20 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-1-A / 14030558-001 Roof Shingles	Grey Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-1-B / 14030558-002 Roof Shingles	Grey Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-1-C / 14030558-003 Roof Shingles	Grey Non-Fibrous Heterogeneous	15% Cellulose	85% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-2-A / 14030558-004 Shed Roof	Grey Non-Fibrous Heterogeneous	5% Glass	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-3-A / 14030558-005 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-3-B / 14030558-006 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-4-A / 14030558-007 Gypsum Wallboard	Off-White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

Certification

Signature: Susan L. Childress
Date: 11/5/2014

Reviewed: Sandra Sobrino
Date: 11/5/2014

SanAir Technologies Laboratory, Inc.

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SanAir ID Number

14030558

FINAL REPORT

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Address: 45610 Woodland Road
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Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

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Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-4-B / 14030558-008 Gypsum Wallboard	Off-White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-4-C / 14030558-009 Gypsum Wallboard	Off-White Non-Fibrous Homogeneous	2% Cellulose	98% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-5-A / 14030558-010 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-5-B / 14030558-011 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-6-A / 14030558-012 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-6-B / 14030558-013 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-7-A / 14030558-014 Mastic Below 12"x12"	Yellow Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: Susan L. Childress
Date: 11/5/2014

Reviewed: Sandra Sobrino
Date: 11/5/2014

SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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SanAir ID Number

14030558

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/31/2014
Received Date: 11/3/2014 8:40:00 AM
Report Date: 11/5/2014 4:41:20 PM
Analyst: Childress, Susan

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-8-A / 14030558-015 2nd Layer 12"x12" Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-8-B / 14030558-016 2nd Layer 12"x12" Tile	Brown Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-9-A / 14030558-017 9"x9" Tile Below Carpet	Grey Non-Fibrous Homogeneous		98% Other	2% Chrysotile

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-9-B / 14030558-018 9"x9" Tile Below Carpet				Not Analyzed

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-10-A / 14030558-019 Mastic Below 9"x9"	Black Non-Fibrous Homogeneous	3% Cellulose	97% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-11-A / 14030558-020 Bathroom Linoleum	Off-White Non-Fibrous Homogeneous	10% Cellulose 2% Glass	88% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1163NH-12-A / 14030558-021 Sink Mastic	Off-White Non-Fibrous Homogeneous	10% Cellulose	90% Other	None Detected

Certification

Signature: Susan L. Childress
Date: 11/5/2014

Reviewed: Sandra Sobrino
Date: 11/5/2014

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientõs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

SanAir Technologies Laboratory
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www.sanair.com

Asbestos Chain of Custody

SanAir ID Number: 14030558

Company: Tetra Tech, Inc		Project #: 103G1058243	Collected by: Matt Madden
Address: 45610 Woodland Road		Project Name: GSA/Coast Guard	Phone #: 703-390-0656
City, St., Zip: Sterling, VA 20166		Date Collected: 10/31/14	Fax #: 703-391-5876
State of Collection: MA	Account#: 2399	P.O. Number:	Email: matt.madden@tetratech.com

Bulk

ABB	PLM EPA 600/R-93/116	☑
	Positive Stop ☑	
ABEPA	PLM EPA 400 Point Count	☐
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB	☐
ABBCH	TEM Chatfield	☐
ABBTM	TEM EPA NOB	☐

Water

ABHE	EPA 100.2	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐
ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0.1%)	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Matrix	Other	
Bulk		☐

Turn Around Times				
	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☐
	2 Days ☐	3 Days ■	4 Days ☐	5 Days ☐

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start	Time* Stop
1163NH-1-A	Roof Shingles		Bulk			
1163NH-1-B	Roof Shingles					
1163NH-1-C	Roof Shingles					
1163NH-2-A	Shed Roof					
1163NH-3-A	Window Caulking					
1163NH-3-B	Window Caulking					
1163NH-4-A	Gypsum Wall Board					
1163NH-4-B	Gypsum Wall Board					
1163NH-4-C	Gypsum Wall Board					
1163NH-5-A	Joint Compound					
1163NH-5-B	Joint Compound					
1163NH-6-A	12"x12" White Floor Tile					

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	11/1/14	7:30am	MC	NOV 03 2014	8:40AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

14030558

Sample #	Sample Identification/Location	Sample Type	Flow Rate*	Time* Start – Stop	
1163NH-6-B	12"x12" White Floor Tile	Bulk			
1163NH-7-A	Mastic Below 12"x12" White				
1163NH-8-A	2nd Layer 12"x12" Brown Tile				
1163NH-8-B	2nd Layer 12"x12" Brown Tile				
1163NH-9-A	9"x9" Grey Tile Below Carpet				
1163NH-9-B	9"x9" Grey Tile Below Carpet				
1163NH-10-A	Mastic Below 9"x9" Grey				
1163NH-11-A	Bathroom Linoleum				
1163NH-12-A	Sink Mastic				

Special Instructions	

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	11/1/14	7:30am	MC	NOV 03 2014	8:40AM

Unless scheduled, the turn around time for all samples received after 3 pm Friday will begin at 8 am Monday morning.
Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time.
Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

SanAir Technologies Laboratory

Analysis Report

prepared for

Tetra Tech, Inc

Report Date: 11/5/2014
Project Name: GSA/ Coast Guard
Project #: 103G1058243
SanAir ID#: 14030559

NVLAP LAB CODE 200870-0

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

Tetra Tech, Inc
45610 Woodland Road
Suite #400
Sterling, VA 20166

November 5, 2014

SanAir ID # 14030559
Project Name: GSA/ Coast Guard
Project Number: 103G1058243

Dear Matt Madden,

We at SanAir would like to thank you for the work you recently submitted. The 20 sample(s) were received on Monday, November 03, 2014 via FedEx. The final report(s) is enclosed for the following sample(s): 1165NH-1-A, 1165NH-1-B, 1165NH-1-C, 1165NH-2-A, 1165NH-3-A, 1165NH-4-A, 1165NH-4-B, 1165NH-5-A, 1165NH-5-B, 1165NH-5-C, 1165NH-6-A, 1165NH-6-B, 1165NH-7-A, 1165NH-7-B, 1165NH-8-A, 1165NH-8-B, 1165NH-9-A, 1165NH-10-A, 1165NH-11-A, 1165NH-12-A.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
20 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030559

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/31/2014
Received Date: 11/3/2014 8:40:00 AM
Report Date: 11/5/2014 2:03:38 PM
Analyst: Childress, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-1-A / 14030559-001 Roof Shingles	Black Non-Fibrous Homogeneous	30% Cellulose	70% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-1-B / 14030559-002 Roof Shingles	Black Non-Fibrous Homogeneous	30% Cellulose	70% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-1-C / 14030559-003 Roof Shingles	Black Non-Fibrous Homogeneous	30% Cellulose	70% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-2-A / 14030559-004 Tar Paper Main Roof	Black Fibrous Homogeneous	60% Cellulose	40% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-3-A / 14030559-005 Shed Roof	Black Non-Fibrous Homogeneous	20% Glass	80% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-4-A / 14030559-006 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-4-B / 14030559-007 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: Chris Childress
Date: 11/5/2014

Reviewed:
Date: 11/5/2014

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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SanAir ID Number

14030559

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
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Project Number: 103G1058243
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Collected Date: 10/31/2014
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Report Date: 11/5/2014 2:03:38 PM
Analyst: Childress, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-5-A / 14030559-008 Gypsum Wallboard	White Non-Fibrous Heterogeneous	5% Cellulose	95% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-5-B / 14030559-009 Gypsum Wallboard	White Non-Fibrous Heterogeneous	7% Cellulose	93% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-5-C / 14030559-010 Gypsum Wallboard	White Non-Fibrous Heterogeneous	7% Cellulose	93% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-6-A / 14030559-011 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-6-B / 14030559-012 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-7-A / 14030559-013 12"x12" Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-7-B / 14030559-014 12"x12" Floor Tile	Beige Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: Chris Childress
Date: 11/5/2014

Reviewed:
Date: 11/5/2014

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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SanAir ID Number

14030559

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
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Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/31/2014
Received Date: 11/3/2014 8:40:00 AM
Report Date: 11/5/2014 2:03:38 PM
Analyst: Childress, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-8-A / 14030559-015 2nd Layer 12"x12" Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-8-B / 14030559-016 2nd Layer 12"x12" Tile	Tan Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-9-A / 14030559-017 Bathroom Linoleum	White Non-Fibrous Homogeneous	15% Cellulose 15% Glass	70% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-10-A / 14030559-018 Sink Mastic	White Non-Fibrous Homogeneous	30% Cellulose	70% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-11-A / 14030559-019 Pipe Insulation	Brown Fibrous Homogeneous	90% Cellulose	10% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1165NH-12-A / 14030559-020 Pipe Fitting Insulation	Beige Fibrous Homogeneous	65% Glass	35% Other	None Detected

Certification

Signature: Chris Childress
Date: 11/5/2014

Reviewed:
Date: 11/5/2014

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientõs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

SanAir Technologies Laboratory
1551 Oakbridge Drive Suite B
Powhatan, VA 23139
804-897-1177 / 888-895-1177
Fax 804-897-0070
www.sanair.com

Asbestos Chain of Custody

SanAir ID Number 14030559

Company: Tetra Tech, Inc		Project #: 103G1058243	Collected by: Matt Madden
Address: 45610 Woodland Road		Project Name: GSA/Coast Guard	Phone #: 703-390-0656
City, St., Zip: Sterling, VA 20166		Date Collected: 10/31/14	Fax #: 703-391-5876
State of Collection: MA	Account#: 2399	P.O. Number:	Email: matt.madden@tetratech.com

Bulk

ABB	PLM EPA 600/R-93/116	☑
	Positive Stop ☑	
ABEPA	PLM EPA 400 Point Count	☐
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB	☐
ABBCH	TEM Chatfield	☐
ABBTM	TEM EPA NOB	☐

Water

ABHE	EPA 100.2	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐
ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0.1%)	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Other

Matrix		
Bulk		☐

Turn Around Times				
	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☐
	2 Days ☐	3 Days ■	4 Days ☐	5 Days ☐

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start	Time* Stop
1165NH-1-A	Roof Shingles		Bulk			
1165NH-1-B	Roof Shingles					
1165NH-1-C	Roof Shingles					
1165NH-2-A	Tar Paper Main Roof					
1165NH-3-A	Shed Roof					
1165NH-4-A	Window Caulking					
1165NH-4-B	Window Caulking					
1165NH-5-A	Gypsum Wall Board					
1165NH-5-B	Gypsum Wall Board					
1165NH-5-C	Gypsum Wall Board					
1165NH-6-A	Joint Compound					
1165NH-6-B	Joint Compound					

Relinquished by	Date	Time	Received by	Date	Time
[signature]	11/1/14	7:30am	MC	NOV 03 2014	8:40AM

Unless scheduled, the turn around time for all samples received after 3 pm EST Friday will begin at 8 am Monday morning. Weekend or Holiday work must be scheduled ahead of time and is charged for rush turn around time. Work with standard turn around time sent Priority Overnight and Billed to Recipient will be charged a $10 shipping fee.

1403 0559

Sample #	Sample Identification/Location	Sample Type	Flow Rate*	Time* Start – Stop	
1165NH-7-A	12"x12" White Floor Tile	Bulk			
1165NH-7-B	12"x12" White Floor Tile				
1165NH-8-A	2nd Layer 12"x12" Brown Tile				
1165NH-8-B	2nd Layer 12"x12" Brown Tile				
1165NH-9-A	Bathroom Linoleum				
1165NH-10-A	Sink Mastic				
1165NH-11-A	Pipe Insulation				
1165NH-12-A	Pipe Fitting Insulation				

Special Instructions	

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	11/1/14	7:30am	MC	NOV 03 2014	8:40am

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SanAir Technologies Laboratory

Analysis Report

prepared for

Tetra Tech, Inc

Report Date: 11/5/2014
Project Name: GSA/ Coast Guard
Project #: 103G1058243
SanAir ID#: 14030556

NVLAP LAB CODE 200870-0

Virginia SBE
Certification # 652931

Texas Licensed Mold Analysis Laboratory
License # LAB0166

SanAir Technologies Laboratory

804.897.1177 www.sanair.com

SanAir Technologies Laboratory, Inc.

1551 Oakbridge Drive, Suite B, Powhatan, VA 23139
804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

Tetra Tech, Inc
45610 Woodland Road
Suite #400
Sterling, VA 20166

November 5, 2014

SanAir ID # 14030556
Project Name: GSA/ Coast Guard
Project Number: 103G1058243

Dear Matt Madden,

We at SanAir would like to thank you for the work you recently submitted. The 16 sample(s) were received on Monday, November 03, 2014 via FedEx. The final report(s) is enclosed for the following sample(s): 1167NH-1-A, 1167NH-1-B, 1167NH-1-C, 1167NH-2-A, 1167NH-3-A, 1167NH-3-B, 1167NH-4-A, 1167NH-4-B, 1167NH-4-C, 1167NH-5-A, 1167NH-5-B, 1167NH-6-A, 1167NH-6-B, 1167NH-7-A, 1167NH-8-A, 1167NH-9-A.

These results only pertain to this job and should not be used in the interpretation of any other job. This report is only complete in its entirety. Refer to the listing below of the pages included in a complete final report.

Sincerely,

Sandra Sobrino

Sandra Sobrino
Asbestos & Materials Laboratory Manager
SanAir Technologies Laboratory

Final Report Includes:
- Cover Letter
- Analysis Pages
- Disclaimers and Additional Information

sample conditions:
16 sample(s) in Good condition

SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030556

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/31/2014
Received Date: 11/3/2014 8:40:00 AM
Report Date: 11/5/2014 1:22:50 PM
Analyst: Fleming, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1167NH-1-A / 14030556-001 Roof Shingles	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1167NH-1-B / 14030556-002 Roof Shingles	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1167NH-1-C / 14030556-003 Roof Shingles	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1167NH-2-A / 14030556-004 Shed Roof	Black Non-Fibrous Heterogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1167NH-3-A / 14030556-005 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1167NH-3-B / 14030556-006 Window Caulking	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1167NH-4-A / 14030556-007 Gypsum Wallboard	Off-White Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: Reviewed:

Date: 11/5/2014 Date: 11/5/2014

SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
Web: http://www.sanair.com E-mail: iaq@sanair.com

SanAir ID Number

14030556

FINAL REPORT

Name: Tetra Tech, Inc
Address: 45610 Woodland Road
Suite #400
Sterling, VA 20166

Project Number: 103G1058243
P.O. Number:
Project Name: GSA/ Coast Guard

Collected Date: 10/31/2014
Received Date: 11/3/2014 8:40:00 AM
Report Date: 11/5/2014 1:22:50 PM
Analyst: Fleming, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1167NH-4-B / 14030556-008 Gypsum Wallboard	Off-White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1167NH-4-C / 14030556-009 Gypsum Wallboard	Off-White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1167NH-5-A / 14030556-010 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1167NH-5-B / 14030556-011 Joint Compound	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1167NH-6-A / 14030556-012 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1167NH-6-B / 14030556-013 12"x12" Floor Tile	White Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	% Non-Fibrous	Asbestos Fibers
1167NH-7-A / 14030556-014 Mastic Below 12"x12"	Black Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: Date: 11/5/2014

Reviewed: Date: 11/5/2014

SanAir Technologies Laboratory, Inc.

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804.897.1177 Toll Free: 888.895.1177 Fax: 804.897.0070
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SanAir ID Number

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FINAL REPORT

Name: Tetra Tech, Inc
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Project Number: 103G1058243
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Collected Date: 10/31/2014
Received Date: 11/3/2014 8:40:00 AM
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Analyst: Fleming, Christopher

Asbestos Bulk PLM EPA 600/R-93/116

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1167NH-8-A / 14030556-015 Bathroom Linoleum	Cream Non-Fibrous Homogeneous		100% Other	None Detected

SanAir ID / Description	Stereoscopic Appearance	Components % Fibrous	Components % Non-Fibrous	Asbestos Fibers
1167NH-9-A / 14030556-016 Sink Mastic	Cream Non-Fibrous Homogeneous		100% Other	None Detected

Certification

Signature: Reviewed:

Date: 11/5/2014 Date: 11/5/2014

Disclaimer

The final report cannot be reproduced, except in full, without written authorization from SanAir. Fibers smaller than 5 microns cannot be seen with this method due to scope limitations. The accuracy of the results is dependent upon the clientõs sampling procedure and information provided to the laboratory by the client. SanAir assumes no responsibility for the sampling procedure and will provide evaluation reports based solely on the sample and information provided by the client. This report may not be used by the client to claim product endorsement by NVLAP or any other agency of the U.S. government.

For NY state samples, method EPA 600/M4-82-020 is performed.

Polarized- light microscopy is not consistently reliable in detecting asbestos in floor covering and similar non-friable organically bound materials. Quantitative transmission electron microscopy is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos containing.

NY ELAP lab ID 11983

SanAir Technologies Laboratory
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Asbestos Chain of Custody

SanAir ID Number 14030556

Company: Tetra Tech, Inc		Project #: 103G1058243	Collected by: Matt Madden
Address: 45610 Woodland Road		Project Name: GSA/Coast Guard	Phone #: 703-390-0656
City, St., Zip: Sterling, VA 20166		Date Collected: 10/31/14	Fax #: 703-391-5876
State of Collection: MA	Account#: 2399	P.O. Number:	Email: matt.madden@tetratech.com

Bulk

ABB	PLM EPA 600/R-93/116	☑
	Positive Stop ☑	
ABEPA	PLM EPA 400 Point Count	☐
ABB1K	PLM EPA 1000 Point Count	☐
ABBEN	PLM EPA NOB	☐
ABBCH	TEM Chatfield	☐
ABBTM	TEM EPA NOB	☐

Water

ABHE	EPA 100.2	☐

Air

ABA	PCM NIOSH 7400	☐
ABA-2	OSHA w/ TWA*	☐
ABTEM	TEM AHERA	☐
ABATN	TEM NIOSH 7402	☐
ABT2	TEM Level II	☐

New York ELAP

PLM NY	PLM EPA 600/M4-82-020	☐
ABEPA2	NY ELAP 198.1	☐
ABENY	NY ELAP 198.6 PLM NOB	☐
ABBNY	NY ELAP 198.4 TEM NOB	☐

Soil/Vermiculite

ABSE	PLM EPA 600/R-93/116 (Qual.)	☐
ABSP	PLM CARB 435 (LOD <1%)	☐
ABSP1	PLM CARB 435 (LOD 0.25%)	☐
ABSP2	PLM CARB 435 (LOD 0.1%)	☐

Dust

ABWA	TEM Wipe ASTM D-6480	☐
ABDMV	TEM Microvac ASTM D-5755	☐

Other

Matrix		
Bulk		☐

Turn Around Times				
	3 HR (4 HR TEM) ☐	6 HR (8HR TEM) ☐	12 HR ☐	24 HR ☐
	2 Days ☐	3 Days ■	4 Days ☐	5 Days ☐

Special Instructions

Sample #	Sample Identification/Location	Volume or Area	Sample Type	Flow Rate*	Time* Start	Time* Stop
1167NH-1-A	Roof Shingles		Bulk			
1167NH-1-B	Roof Shingles					
1167NH-1-C	Roof Shingles					
1167NH-2-A	Shed Roof					
1167NH-3-A	Window Caulking					
1167NH-3-B	Window Caulking					
1167NH-4-A	Gypsum Wall Board					
1167NH-4-B	Gypsum Wall Board					
1167NH-4-C	Gypsum Wall Board					
1167NH-5-A	Joint Compound					
1167NH-5-B	Joint Compound					
1167NH-6-A	12"x12" White Floor Tile					

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	11/3/14	7:30 am	MC	NOV 03 2014	8:40 AM

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14030556

Sample #	Sample Identification/Location	Sample Type	Flow Rate*	Time* Start – Stop	
1167NH-6-B	12"x12" White Floor Tile	Bulk			
1167NH-7-A	Black Mastic Below 12"x12" White				
1167NH-8-A	Bathroom Linoleum				
1167NH-9-A	Sink Mastic				

Special Instructions	

Relinquished by	Date	Time	Received by	Date	Time
[illegible]	[illegible]	7:30am	MC	NOV 03 2014	8:40AM

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APPENDIX C:
LEAD-BASED PAINT INSPECTION AND RISK ASSESSMENT REPORT

FINAL

Lead-Based Paint Inspection and Risk Assessment Report

U.S. Coast Guard Hull, Massachusetts Housing Units

1153,1155,1157,1159,1161,1163,1165 and 1167 Nantasket Avenue
Hull, Massachusetts, 02045
Contract No. GS-00P-14-CY-A-0002/Award No. GS-P-00-14-CY-5027

Prepared For:

United States General Services Administration

Office of Real Property Utilization and Disposal
1800 F Street, NW
Washington, DC 20405

Prepared By:

Tetra Tech, Inc.

45610 Woodland Road, Suite 400
Sterling, VA 20166
July 2015

Tetra Tech Project No: 103G1058243
Date of Site Visit: October 9, 2014

Jimmy Kehs
Project Manager

Jeremy B. Travis
Program Manager

TABLE OF CONTENTS

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2.0 LEAD-BASED PAINT **C-2**
3.0 LEAD IN SOIL **C-3**
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4.1 Lead-Based Paint *C-4*
4.2 Lead Dust Hazard Levels *C-4*
4.3 Lead Soil Hazard Levels *C-4*

5.0 LEAD HAZARD CONTROL METHODS **C-5**
6.0 CONCLUSION AND RECOMMENDATIONS **C-8**

6.1 Conclusion *C-8*
6.2 Recommendations *C-8*

ATTACHMENTS

Attachment A LBP Inspector's Certification
Attachment B LBP Inspection and Risk Assessment Maps
Attachment C LBP Letters to Owner and Survey Data Sheets

1.0 INTRODUCTION

Prior to approximately 1978, it was common for paints to contain high levels of lead. Damage to painted surfaces can cause lead to be released to the environment, and may cause a health risk to those who come in contact with the damaged paint. In general, buildings constructed after 1978 are less likely have lead-based paint.

Federal law, 20 Code of Federal Regulations (CFR) Part 35 and 40 CFR Part 745 and Massachusetts Department of Public Health Regulations 105 Code of Massachusetts Regulations (CMR) 460, require sellers or lessors of residential units constructed prior to 1978 to disclose and provide a copy of a Lead Based Paint (LBP) Inspection and Risk Assessment Report to new purchasers or lessees before they become obligated under a lease or sales contract. Housing for the elderly or persons with disabilities (unless any child who is less than six years of age resides or is expected to reside in such housing) and zero-bedroom dwellings are exempt from these requirements under federal law, but not under the Massachusetts law. Property owners and sellers are also required to distribute an educational pamphlet approved by the United States (U.S.) Environmental Protection Agency (USEPA) and include standard warning language in sales contracts or in or attached to lease contracts to ensure that parents have the information they need to protect children from LBP hazards.

Based on the age of the Site buildings, it is possible that LBP was used for painting the interior and exterior walls of the structures. As such, Tetra Tech's sub consultant, Master Lead Paint Inspections conducted a LBP inspection and risk assessment on October 10, 2014 at the housing units.

2.0 LEAD-BASED PAINT

Tetra Tech contracted Master Lead Paint Inspections to complete a LBP inspection and risk assessment during the Environmental Compliance Due Diligence Activities. The objective of the LBP inspection and risk assessment was to determine if LBP exists on the Site and if so, the locations and concentration of each painted surface.

An X-ray Fluorescence (XRF) lead analyzer was used to test the paint for lead. The analyzer is a nondestructive method of testing paint and provides immediate results for each test conducted. If paint contains lead equal to or greater than 1.0 milligram per square centimeter (mg/cm^2), as defined by the United States Environmental Protection Agency (USEPA)/Housing of Urban Development (HUD), it is considered to be lead-based paint. The higher the reading on the XRF, the higher the lead content of the paint. Readings greater than 9.9 (>9.9) mg/cm^2 are considered above the highest readout settings.

Master Lead Paint Inspections obtained XRF test readings on interior and exterior coated surfaces. This testing was conducted on October 10, 2014, by Mr. Anthony Jakaitis using Chapter 7 of HUD *Guidelines for the Evaluation and Control of Lead-Based Paint Hazards in Housing* (1997 revision), to document whether lead-based coatings were present. A copy of Mr. Jakaitis' certification is included in **Attachment A**.

The LBP inspection and risk assessment indicated that no lead concentrations at or above the USEPA/HUD definition of lead-based paint (1.0 mg/cm^2) were detected on tested coatings. All tested component coatings had lead concentrations below 1.0 mg/cm^2. The LBP inspection and risk assessment maps are included in **Attachment B**. The LBP letters to owner and survey data sheets including sketches are included in **Attachment C.**

3.0 LEAD IN SOIL

Based on the age of housing unit, it is possible that LBP was used for painting the exterior walls of the structures. Over time, regular precipitation contact with exterior LBP surfaces can result in lead accumulation in surface and near surface soils directly adjacent to the structure exterior and along the roof drip line. As part of the LBP inspection and risk assessment, and in accordance with the Scope of Work (SOW), Tetra Tech collected two soil samples per exterior structure wall. Soil sample locations were within five feet (drip line) of each exterior wall. A total of 64 soil samples were collected. Two soil samples were collected at each location, at the surface (0 to 3) inches below ground surface (bgs) and 6 to 9 inches bgs. The samples were containerized and shipped under standard chain of custody procedures to Alpha Analytical Laboratories, Inc. (Alpha) located in Westborough, Massachusetts. The samples were submitted for total lead analysis by USEPA SW-846 Method 6010B. The sampling results, findings, and recommendations are included in the *Lead In Soil Sampling Report* prepared by Tetra Tech dated July 2015.

Lead concentrations in soil ranged from 19 milligrams per kilogram (mg/kg) to 190 mg/kg, below the Massachusetts Department of Environmental Protection (MassDEP) Reportable Concentration Standard for Soil (RCS-1) reportable concentration of 200 mg/kg and the USEPA Direct Contact Clean up Level Criterion of 400 mg/kg.

4.0 LEAD HAZARD LEVELS

Lead is hazardous, especially for children who are six years of age or younger. Lead can reduce intelligence, cause behavior and learning problems, slow growth and impair hearing. Children can get lead in their bodies by breathing or swallowing lead dust, or by eating soil or paint chips containing lead.

4.1 LEAD-BASED PAINT

In accordance with 105 CMR 460, lead-based paint is any paint or surface coating that contains lead equal to or greater than 1.0 mg/cm^2 as measured by XRF, or equal to or greater than 0.5% by weight. Lead-based paint is hazardous when it is:

- On a **friction surface**. The paint on surfaces like window sashes and jambs can break down during normal use and release lead dust. If dust levels on the nearest flat surface exceed acceptable levels, then the friction surface is a hazard.
- On a **chewable surface** that has evidence of teeth marks. These are surfaces, such as window sills, railings, door edges and stair edges that a young child can mouth or chew.
- On an **impact surface** where there is damaged or otherwise deteriorated paint from impact from a related building component (such as a door and door frame banging together).
- **Deteriorated, e.g., peeling, chipping, chalking, or cracking**. When lead paint breaks down or is disturbed due to remodeling, renovating, dry scraping or water damage, paint chips and dust can be released that can contaminate the home and be easily ingested by young children through hand-to-mouth activity.

4.2 LEAD DUST HAZARD LEVELS

- 40 micrograms per square foot (µg/ft^2) on floors of interior or exterior living areas or on any horizontal surface other than a window sill or trough;
- 250 µg/ft^2 on interior window sills or exterior living area window sills; or,
- 400 µg/ft^2 for window troughs.

4.3 LEAD SOIL HAZARD LEVELS

- 400 mg/kg for bare soil in play areas; or
- 1200 mg/kg (composite or average) in bare soil in non-play area.

5.0 LEAD HAZARD CONTROL METHODS

The methods of controlling lead hazards are listed below:

- **Deteriorated Lead-Based Paint on Non-friction or Non-impact Surfaces:** Examples include interior or exterior walls, ceilings, trim, casings, baseboards, etc.
  a. Removal of the lead-based painted component and replacement with a lead-free component;
  b. Paint removal by separation of the lead-based paint from the substrate using heat guns (operated below eleven hundred degrees Fahrenheit), chemicals, or certain abrasive measures either onsite or offsite;
  c. Enclosure of the lead-based painted component with durable materials. Durable materials include wallboard, drywall, paneling, siding, coil stock and the sealing or caulking of edges and joints so as to prevent or control chalking, flaking, peeling, scaling or loose lead-containing substances from becoming part of house dust or otherwise accessible to children;
  d. Encapsulation of the lead-based painted component by coating and sealing of the component with a durable surface coating approved in rule 3701-32-13 of the Administrative Code;
  e. Paint stabilization as defined in rule 3701-32-01 of the Administrative Code and a written ongoing maintenance and monitoring schedule; or
  f. Any other lead-safe method of permanently removing the lead hazard.
- **Deteriorated Lead-Based Paint on Friction or Impact Surfaces:** Examples include window systems, doors, floors, etc.
  a. Removal of the lead-based painted component and replacement with lead-free components;
  b. Lead-based paint removal by separation of the lead-based paint from the substrate using heat guns (operated below eleven hundred degrees Fahrenheit), chemicals or certain abrasive measures either onsite or offsite;
  c. Enclosure of the impact surfaces with durable materials. Durable materials include wallboard, drywall, paneling, a quarter inch or thicker plywood or other underlayment for floors, coil stock and the sealing or caulking of edges and joints so as to prevent or control chalking, flaking, peeling scaling, or loose lead-containing substances from becoming part of house dust or otherwise accessible to children. The underlayment for floors must be covered with a cleanable, impermeable surface;
  d. Elimination of the friction points or application of a treatment that will prevent abrasion of the friction surface and a written ongoing maintenance and monitoring schedule; or
  e. Any other lead-safe method of permanently removing the lead hazard.
- **Chewable Surfaces:** Examples include window sills, railings and other child-accessible surfaces that show evidence of teeth marks.

a. **Removal** of the lead-based painted component and replacement with lead-free components;
b. **Lead-based paint removal** by separation of the lead-based paint from the substrate using heat guns (operated below eleven hundred degrees Fahrenheit), chemicals or certain abrasive measures either onsite or offsite;
c. **Enclosure** of the lead-based painted component with a material that cannot be penetrated by a child's teeth;
d. **Encapsulation** of the lead-based painted component by coating and sealing of the component with a durable surface coating approved in rule 3701-32-13 of the Administrative Code; or
e. Any other lead safe method of permanently removing the lead hazard.

- **Lead-contaminated Dust:**
  a. Elimination or control of the source creating the lead-contaminated dust using an appropriate control method listed above and followed specialized cleaning to eliminate the lead-contaminated dust. Specialized cleaning includes the use of high- efficiency particulate absorption (HEPA) vacuum, wet mopping and/or wet scrubbing; or
  b. Elimination of the lead-contaminated dust when the source creating the lead-contaminated dust cannot be identified through specialized cleaning and a written ongoing maintenance and monitoring schedule. Specialized cleaning includes the use of HEPA vacuum, wet mopping and/or wet scrubbing.
- **Lead-contaminated Soil:**
  a. **Covering** of the lead-contaminated bare soil with a permanent covering such as concrete or asphalt;
  b. **Removal** of the top six inches of lead-contaminated bare soil and replacing it with six inches of new soil having a lead concentration of less than two hundred parts per million;
  c. Covering of the lead-contaminated soil with an impermanent covering and a written ongoing maintenance and monitoring schedule. Impermanent covering includes sod and artificial turf. Gravel and mulch may be used as an impermanent covering if applied at a minimum of six inches in depth; or
  d. Any other lead safe method of permanently removing the lead hazard.

<u>The following practices are **PROHIBITED**:</u>

a. Open flame burning or torching;
b. Machine sanding or grinding without a High-Efficiency Particulate Absorption (HEPA) local vacuum exhaust tool;
c. Abrasive blasting or sandblasting without a HEPA local vacuum exhaust tool;
d. Use of a heat gun operating above one thousand one hundred degrees Fahrenheit;
e. Charring paint;
f. Dry sanding;

g. Dry scraping, except when done as follows:
   1. In conjunction with a heat gun operating at not more than one thousand one hundred degrees Fahrenheit;
   2. Within one foot of an electrical outlet
   3. To treat defective paint spots totaling not more than two square feet in an interior room or space or twenty square feet on an exterior surface.
      a. Uncontained hydroblasting or high-pressure washing; and
      b. Paint stripping in a poorly ventilated space using a volatile stripper that is considered a hazardous substance under 16 Code of CFR 1500.3 or a hazardous chemical under 29 CFR 1910.1200 or 29 CFR 1926.59 in the type of work being performed.

Important Notes:

- Residents, especially children and pregnant women, must be kept away from the lead hazard control area. Proper and thorough cleanup is important so that dust and paint chips are not left behind at the end of the job.
- After lead hazard control work is done, the home must pass a clearance examination, which may include dust wipe samples, to ensure that no lead dust, debris or paint chips are left behind.
- Paint stabilization, interim window treatments and impermanent covering of lead-contaminated soil require a written ongoing maintenance and monitoring schedule and an annual clearance examination. It is recommended that a visual check of past repairs involving painted surfaces should be done annually and at unit turnover.
- Other surfaces that measured below hazard limits should also be addressed to prevent them from becoming hazardous. It is recommended that lead-safe work practices be used when such surfaces are repaired or replaced.

6.0 CONCLUSION AND RECOMMENDATIONS

6.1 CONCLUSION

Based on the results of the LBP survey and risk assessment, lead hazards were not found at the Site. A summary of the results of the LBP survey and risk assessment is provided below. The methods of control for the lead hazards are included in **Section 5.0**.

- Based on the results of the XRF readings associated with the LBP inspection and risk assessment, no interior or exterior lead-based surface coatings or lead hazards were identified above the USEPA/HUD definition of lead-based paint (at or above 1.0 mg/cm^2) on tested coatings.
- A total of eight soil sampling locations were selected around the perimeter of the housing unit within the roof drip line, and two samples were collected from each location, for a total of 64 samples. Lead was detected in soil at concentrations ranging from 19 to 190 mg/kg, less than the MassDEP RCS-1 reportable concentration. Lead in soil was not detected at concentrations exceeding the USEPA Residential Soil Regional Screening Level (RSL) of 400 mg/kg or MassDEP reportable concentration of 200 mg/kg from samples collected around the housing unit.

6.2 RECOMMENDATIONS

The LBP inspection and risk assessment indicated that lead is not present at or above the USEPA HUD definition of LBP on tested coatings at the Site. The Letters to Owner, as required by federal regulations, are included in **Attachment C**. During renovation or demolition, any amount of lead means the provisions of RCRA and OSHA apply. Other actions may also be required under the USEPA/HUD Residential Lead- Based Paint Hazard Reduction Act of 1992 (Public Law 102-550), the HUD Lead Safe Housing Rule (24 CFR Part 35, Subparts B-R), and/or the Disclosure of Known Lead-Based Paint and/or Lead-Based Paint Hazards Upon Sale or Lease of Residential Property (24 CFR Part 35, Subpart A).

ATTACHMENT A:
LBP INSPECTOR'S CERTIFICATION

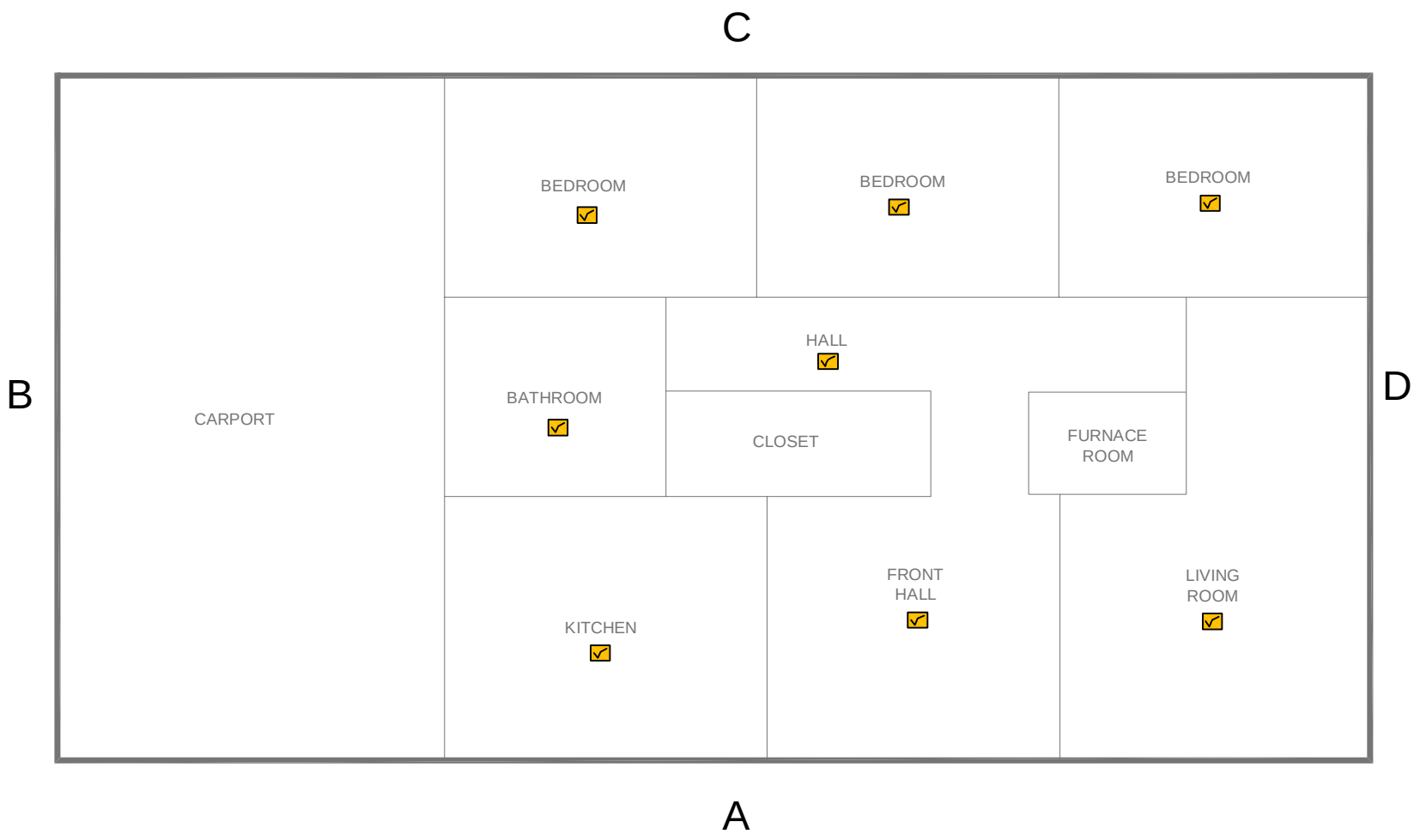
Anthony Jakaitis

Master Inspector/Risk Assessor

License #: 2929

Expires: 7/23/2015

ATTACHMENT B:
LBP INSPECTION AND RISK ASSESSMENT MAPS



Room assessed for LBP

Notes:

Exterior of the structure was assessed for LBP

Based on XRF analysis, lead-based paint was not detected

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1153 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
LBP SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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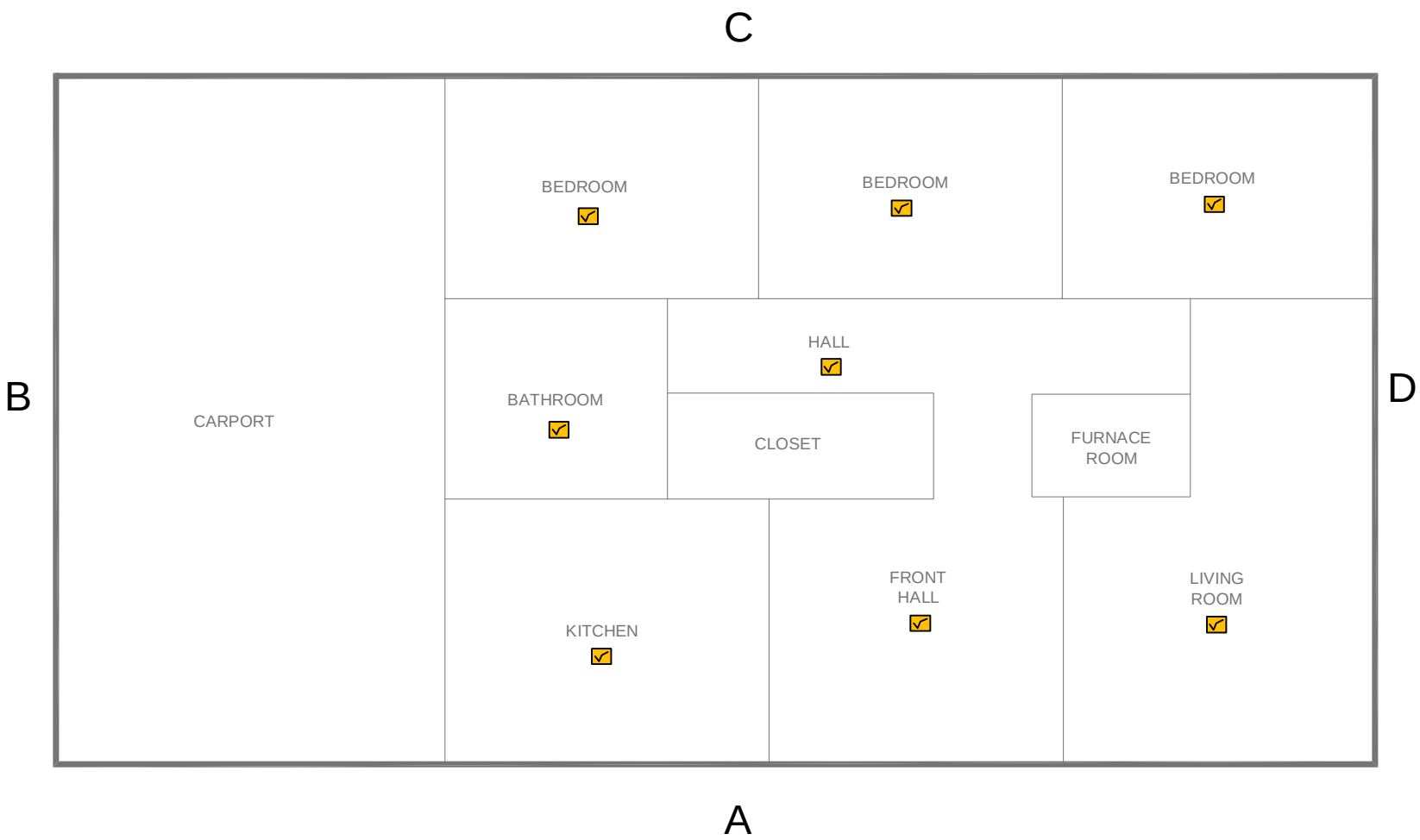

Room assessed for LBP

Notes:

Exterior of the structure was assessed for LBP

Based on XRF analysis, lead-based paint was not detected

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1155 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
LBP SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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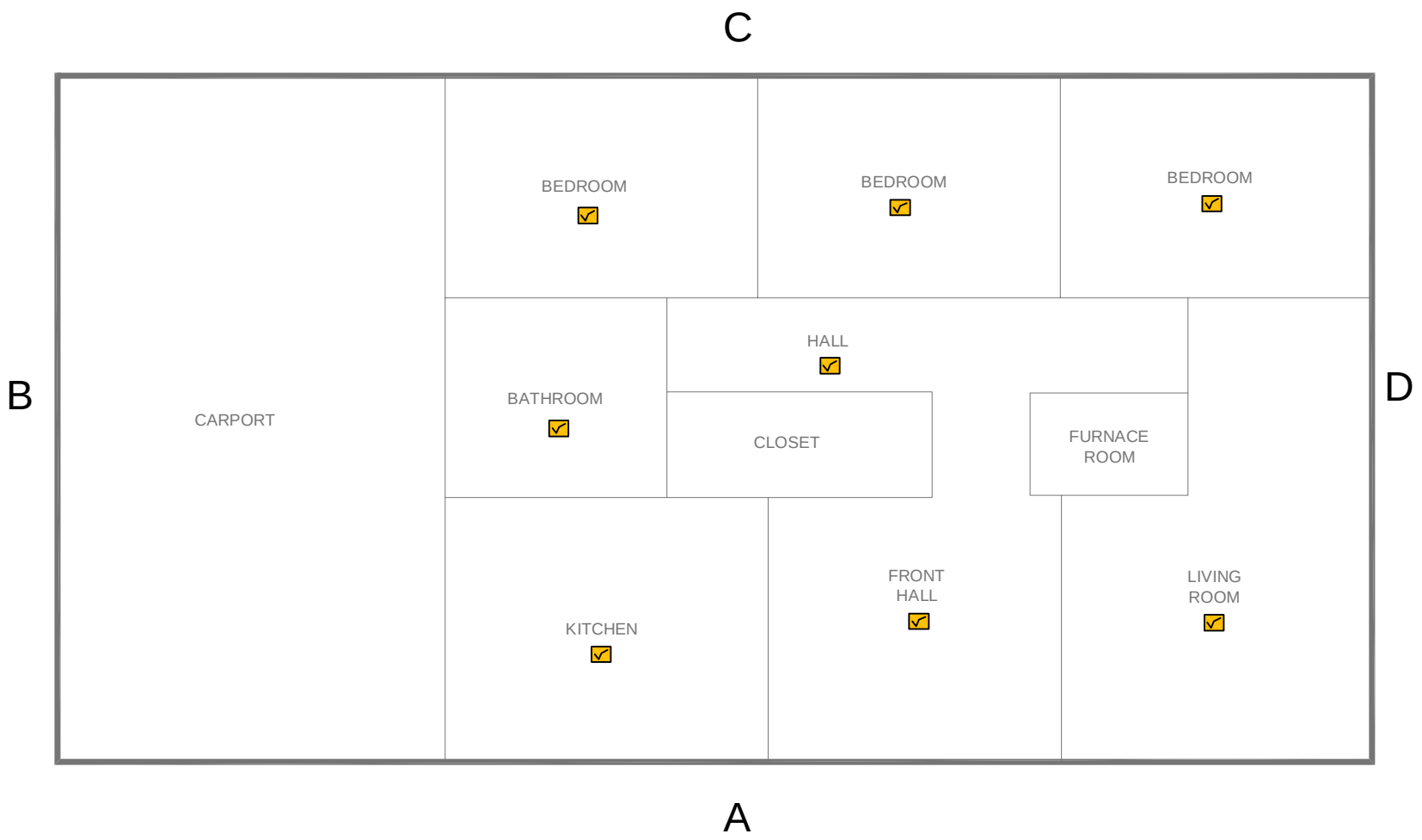

Room assessed for LBP

Notes:

Exterior of the structure was assessed for LBP

Based on XRF analysis, lead-based paint was not detected

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1157 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
LBP SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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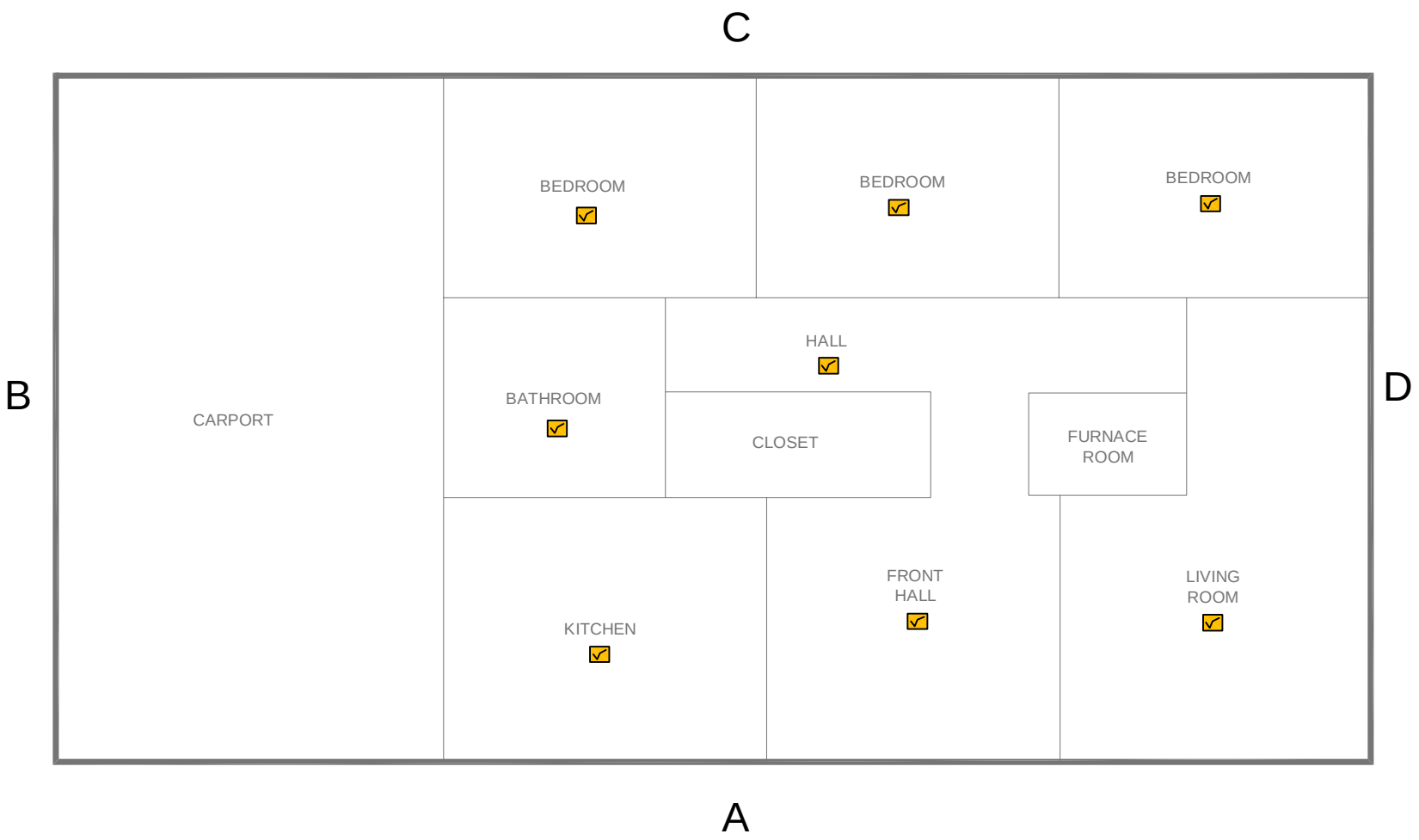

Room assessed for LBP

Notes:

Exterior of the structure was assessed for LBP

Based on XRF analysis, lead-based paint was not detected

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1159 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
LBP SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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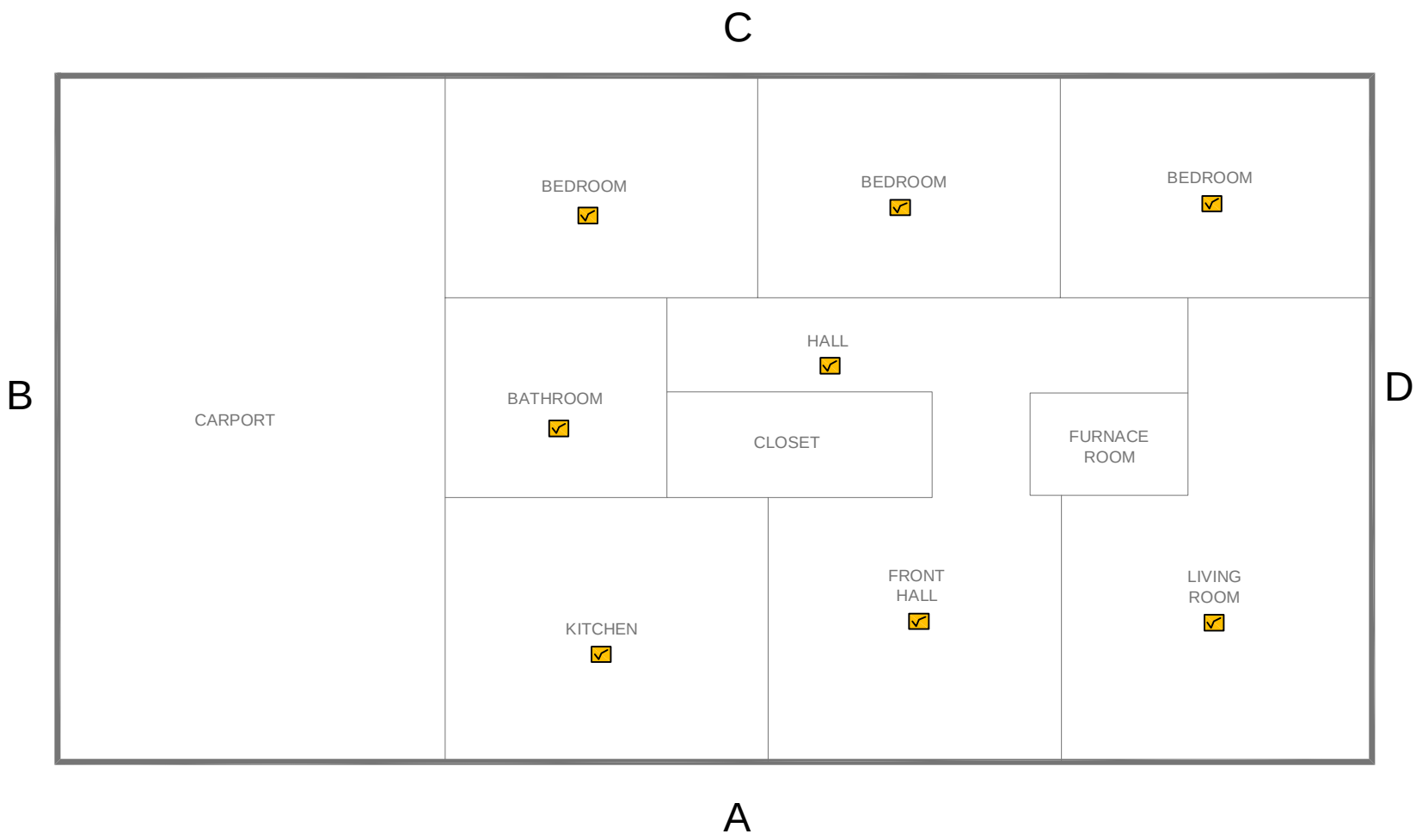

Room assessed for LBP

Notes:

Exterior of the structure was assessed for LBP

Based on XRF analysis, lead-based paint was not detected

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1161 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
LBP SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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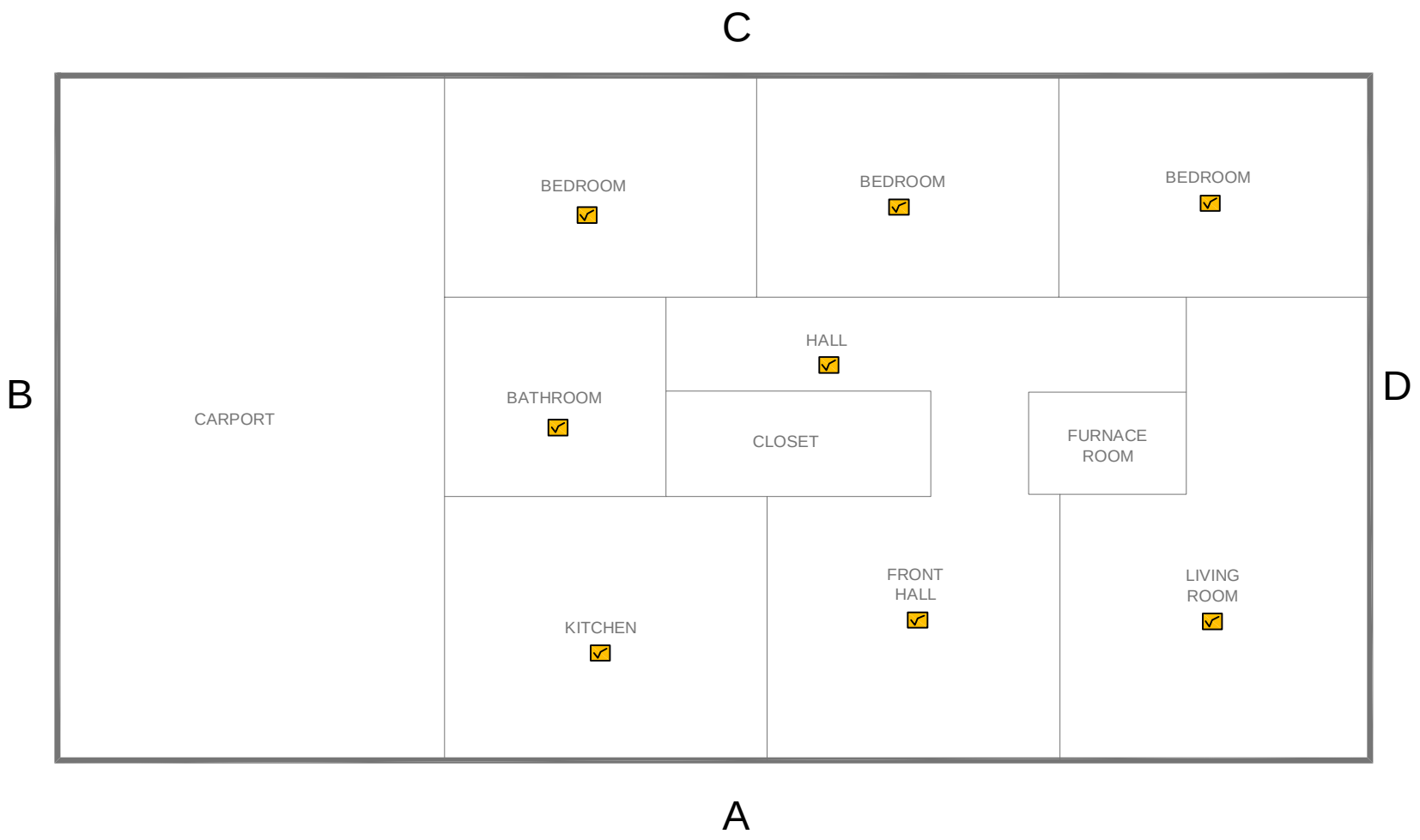

Room assessed for LBP

Notes:

Exterior of the structure was assessed for LBP

Based on XRF analysis, lead-based paint was not detected

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1163 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
LBP SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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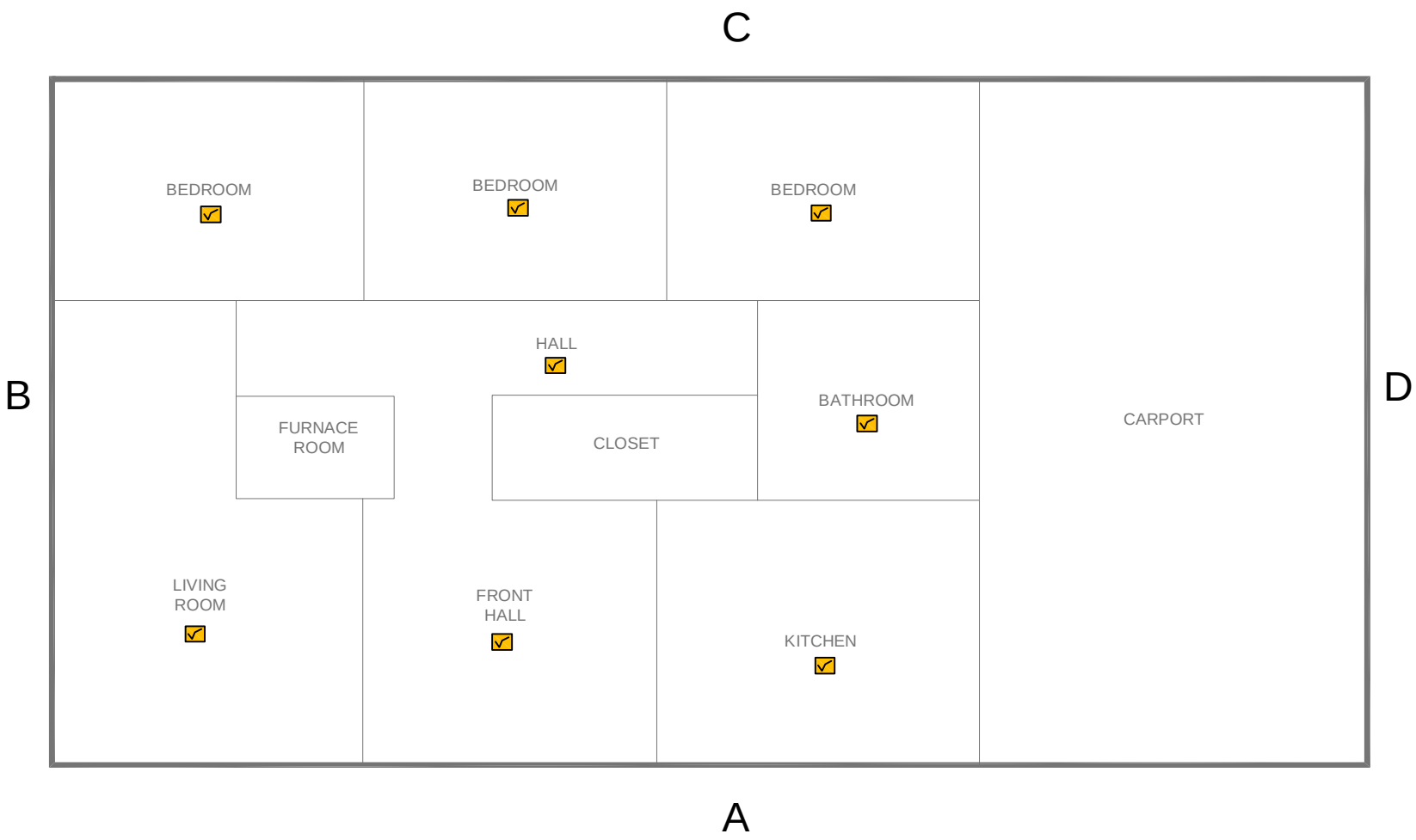

Room assessed for LBP

Notes:

Exterior of the structure was assessed for LBP

Based on XRF analysis, lead-based paint was not detected

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1165 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
LBP SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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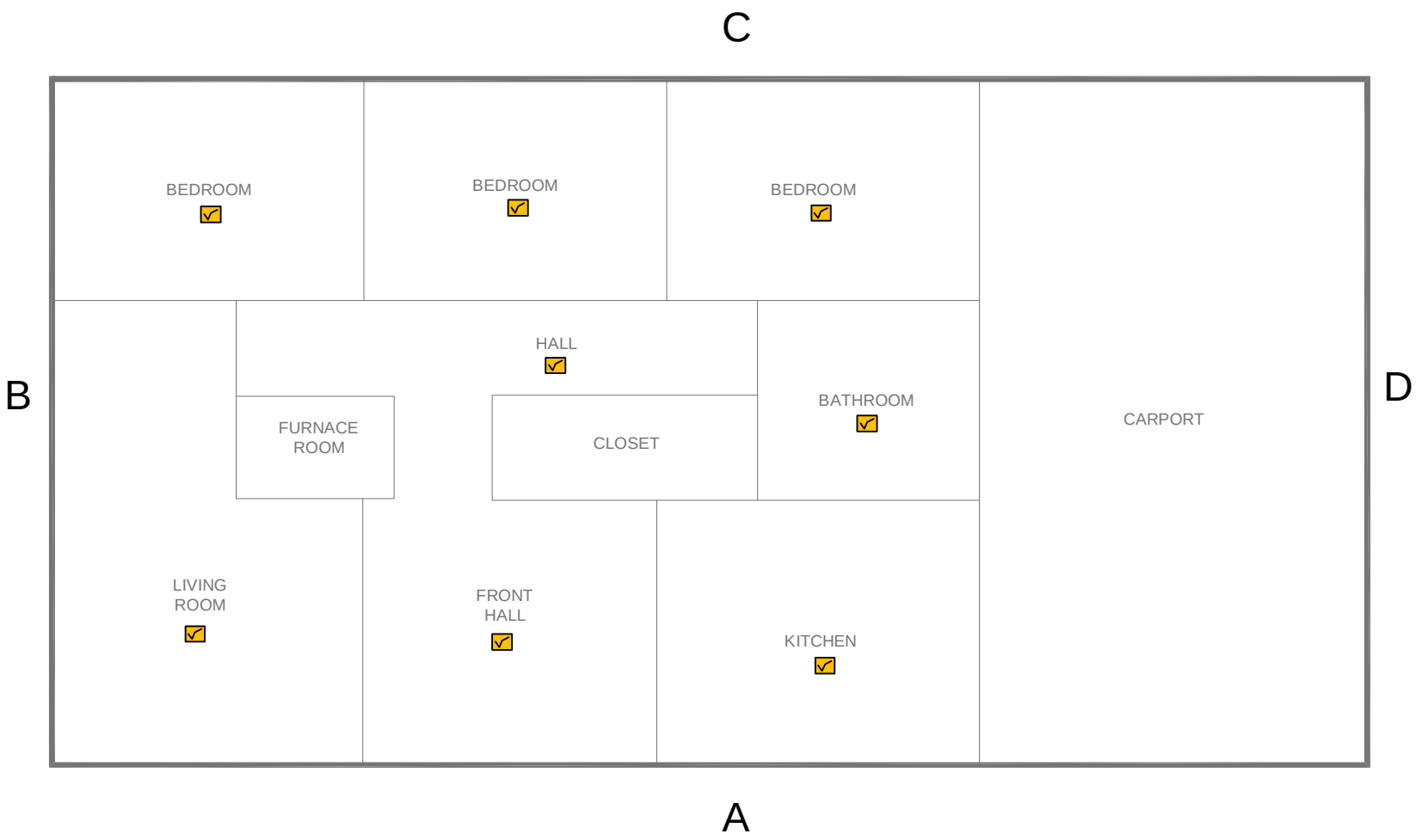

Room assessed for LBP

Notes:

Exterior of the structure was assessed for LBP

Based on XRF analysis, lead-based paint was not detected

NOT TO SCALE

US COAST GUARD HOUSING UNIT
1167 NANTASKET AVENUE
HULL, MA 02045

FIGURE 1
LBP SAMPLING LOCATIONS

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

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ATTACHMENT C:
LBP LETTERS TO OWNER AND SURVEY DATA SHEETS

RISK ASSESSMENT AND LEAD INSPECTION REPORT

FOR THE PROPERTY LOCATED AT:

1153-1167 Nantasket Ave
Hull, MA 02045

Prepared For:
United States General Service Administrator
1800 F Street N W, Washington, DC 20405
c/o Tetra Tech: Jimmy Kehs
45610 Woodland Road, Sterling, VA 20166

Report Prepared and Submitted by:

Anthony Jakaitis
Licensed Master Lead Inspector / Risk Assessor *M 2929/R 2929*

Master Lead Paint Inspections
15 Chauncy St
South Weymouth, MA 02190
781-331-1565
Pbinspect2000@yahoo.com

Date of Inspection:
10/10/14

LETTER TO OWNER

Dear Owner:

The purpose of the lead inspection/risk assessment was to determine the existence of lead-based paint and lead-based paint hazards at the subject property including type, severity, and location(s). This report can help Owners develop a plan for eliminating any lead-based paint hazards that were found and aid in establishing an ongoing lead-based paint maintenance and re-evaluation program, if needed.

The lead inspection/risk assessment of the property and structures was conducted using an x-ray fluorescence (XRF) analyzer. Lead-based paint is considered positive or dangerous at 1.0 m/cm2 when tested with an XRF analyzer. Testing for lead-based paint was comprehensive, room-by-room / surface-by-surface, including the exterior. Surfaces tested included window sills, window trim, walls, baseboards, doors, casings, jambs, closet components, floors, ceilings, cabinets and other building related surfaces.

The following report details the results of the investigation.

(1) Heath Effects of Lead Poisoning
(2) Narrative Summary provides the outcome of the inspection process.
(3) Lead-Based Paint Hazard Table: Surfaces with 1.0 m/cm2 or greater that are in deteriorated condition and/or are considered accessible/mouthable.
(4) Lead-Based Paint Table: Surfaces with 1.0 m/cm2 or greater.
(5) XRF Summary Table: Details XRF results
(6) Complete Lead Inspection/Risk Assessment Reports

A copy of this report must be provided to each new lessee (tenant) or purchaser of this property under Federal law (24 CFR part 35 and 40 CFR part 745) before they become obligated under a lease or sales contract. The complete report must also be provided to purchasers and made available to tenants. Landlords (lessors) and sellers are also required to distribute an educational pamphlet approved by the U.S. Environmental Protection Agency (EPA), entitled "Protect Your Family from Lead in Your Home", and include standard warning language in their leases or sales contracts to ensure that parents have the information they need to protect their children from lead-based paint hazards. For more information regarding your obligations under federal lead-based paint regulations, contact 800-424-LEAD (5323).

Sincerely,

Anthony Jakaitis, M 2929/R2929
Master Lead Paint Inspections
617-529-1578

(1) Health Effects of Lead Exposure

Lead is a soft metal, naturally occurring in the Earth's crust. It has been determined, however, that lead has no useful purpose in the human body, and acts as a toxin. It takes the place of essential minerals such as calcium, potassium, and iron, which are vital to the construction and repair of bones, organs and blood. Lead exposures are a major health concern, especially in young children under the age of six.

Children, due to their smaller body mass and higher metabolism, are affected by lead exposures much more severely than adults. They ingest lead through daily hand-to-mouth activities and may develop severe attention deficit disorders, irreversible brain injury, learning disabilities and aggressive behaviors. The symptoms of lead poisoning often mimic other afflictions such as flu, colic or general malaise. It is important to have young children's blood tested for lead burden.

Sources of Lead Poisoning

Since lead is ingested by routine daily activities such as eating, playing and working, it is important to understand the sources of lead exposures. The most common places to find lead in a household setting are the interior and exterior paint, and contaminated dust or soil. Lead-based paint is most hazardous when it is chipping, peeling, cracking, or chalking; or applied to friction surfaces of components such as doors, windows, and floors. The abrasive action of painted surfaces rubbing together causes lead-containing paints to be ground into a fine dust. Lead dust can also be created from decaying vinyl mini blinds. Lead dust then settles on furniture, play area floors, and children's toys, where children are exposed during regular activities.

Several other sources of lead in the home include lead dust brought into the home from occupational exposures, water pipes, fixtures and soldered joints; decorative china, "leaded" crystal, fishing lures and sinkers, firearms ammunition, wine bottles and cosmetics. Some hobbies may also contribute to lead contamination within the home. Exposures to all sources of lead should be minimized or eliminated.

Methods to Reduce Exposure the Lead Hazards

The simplest and often most effective way to reduce lead exposures is through regular washing of hands, toys, and horizontal surfaces in the home with a liquid hand soap or dish soap and water. It is highly recommended that disposable cleaning materials be used to wash surfaces, so as not to re-contaminate them with a used mop or cloth.

Other ways of reducing lead hazards within the home include taking shoes off before entering living areas, letting water run prior to drinking or cooking, covering exposed soil with plant materials, and vacuuming with a High Efficiency Particulate Air (HEPA) filtered vacuum.

(2) Narrative Summary

This summary is to confirm that Master Lead Paint inspected your property located at **1153 thru 1167 Nantasket Ave**, and relevant common areas, in the city or town of **Hull, MA 02045**, for dangerous levels of lead/lead-based paint and determined that there were no violations/hazards. The inspection was conducted on **October 10, 2014.**

1153 Nantasket Ave, Hull, MA 02045: No Lead Hazards Found
1155 Nantasket Ave, Hull, MA 02045: No Lead Hazards Found
1157 Nantasket Ave, Hull, MA 02045: No Lead Hazards Found
1159 Nantasket Ave, Hull, MA 02045: No Lead Hazards Found
1161 Nantasket Ave, Hull, MA 02045: No Lead Hazards Found
1163 Nantasket Ave, Hull, MA 02045: No Lead Hazards Found
1165 Nantasket Ave, Hull, MA 02045: No Lead Hazards Found
1167 Nantasket Ave, Hull, MA 02045: No Lead Hazards Found

(3) Lead-Based Paint Hazards and Available Control Options

The following items describe the existing lead-based paint hazards identified at **1153-1167 Nantasket Ave, Hull, MA 02045**. They are listed in priority order i.e. what hazards should be addressed first. Each hazard also has corresponding options for corrective actions known as ***abatement*** (long term) and ***interim control*** (shorter term) solutions. The owner or owner's representative must select the most appropriate and affordable solution to address each of the identified hazards. Please note that these hazards may become more severe over time and additional hazards may be created with changing conditions at this property.

LOCATION	COMPONENT	LEVEL OF SEVERITY	ABATEMENT OPTIONS	INTERIM CONTROL OPTIONS
Room #_____				
None	*None*	*NA*	*NA*	*NA*

NOTE – All contractors performing ***abatement activities*** are required to be licensed by the State of Massachusetts.

Level of Severity: 1 - most sever 2 – very severe 3 – somewhat severe

(4) Positive XRF Readings

This table identifies all of the painted surfaces that tested positive for lead-based paint (1.0 m/cm2 or greater). The paint condition at the time of testing was determined to intact. Deteriorated paint conditions represent a lead-based paint hazard. Lead-based paint determined to be intact at the time of testing may become a hazard in the future and therefore require routine monitoring. Use lead safe work practices every time a lead-based painted surface is disturbed.

1153 Nantasket Ave, Hull, MA 02045: No Lead- Based Paint Found
1155 Nantasket Ave, Hull, MA 02045: No Lead- Based Paint Found
1157 Nantasket Ave, Hull, MA 02045: No Lead- Based Paint Found
1159 Nantasket Ave, Hull, MA 02045: No Lead- Based Paint Found
1161 Nantasket Ave, Hull, MA 02045: No Lead- Based Paint Found
1163 Nantasket Ave, Hull, MA 02045: No Lead- Based Paint Found
1165 Nantasket Ave, Hull, MA 02045: No Lead- Based Paint Found
1167 Nantasket Ave, Hull, MA 02045: No Lead- Based Paint Found

XRF Readings 1.0 m/cm2 or greater
(Model RMD LPA-1 Serial #1462)

1153-1167 Nantasket Ave
Hull, MA 02045

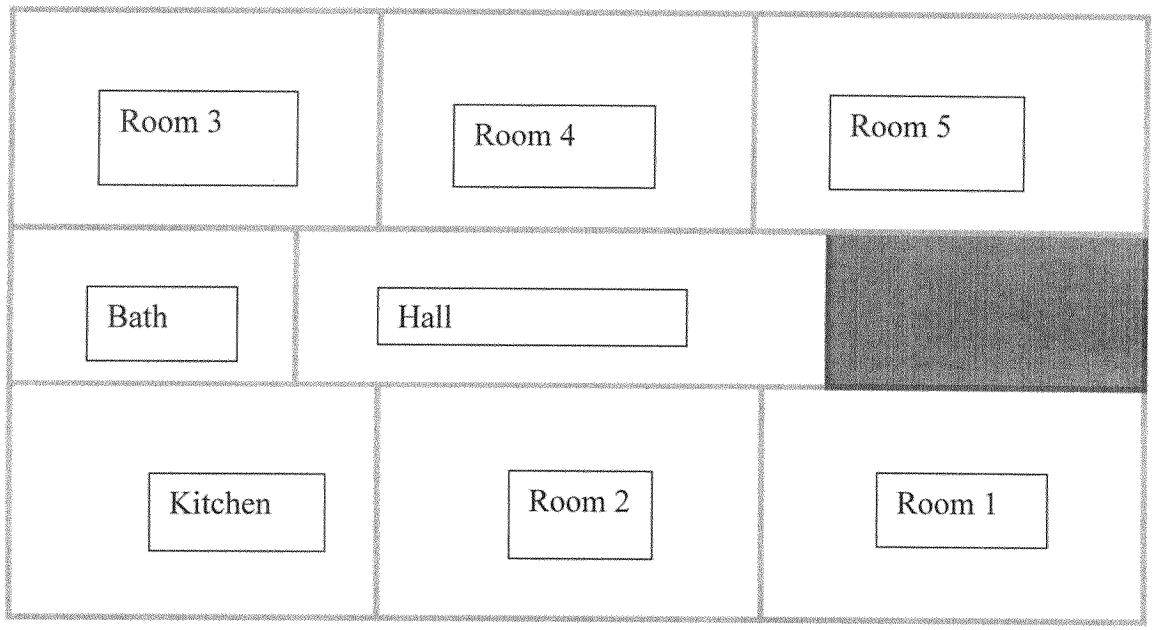
Date of testing 10/10/14

Property Address	Room	Side	Component	Condition	Substrate	Lead
None	NA	NA	NA	NA	NA	NA

(5) XRF Analysis & Floor Plan

The instrument used for this Risk Assessment was an X-ray fluorescence unit (XRF) manufactured by (Name of Manufacturer) serial number RMD LPA-1 1462.

Floor Diagram



XRF Readings

(Model LPA-1 Serial #1462

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014
Inspector/Risk Assessor — Lic# — Date

1153 Nantasket Ave — Hull
Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
1	ABCD	Walls	0.3	NO	Dry Wall		
1	ABCD	Baseboards	0.2	NO	Wood		
1		Floor	COV	NO			
1		Ceiling	0.2	NO	Dry Wall		
1	C	Door	0.1	NO	Wood		
1	C	Door Casing	0.1	NO	Wood		
1	C	Door Jamb	0.3	NO	Wood		
1	C	Window Sill	0.3	NO	Wood		
1	C	Window Casing	0.1	NO	Wood		
1	C	Window Stops	0.2	NO	Wood		
1	C	Window Sash	VR	NO	Vinyl Replacement		
1	C	Closet Shelves	0.1	NO	Wood		
1	C	Closet Supports	0.1	NO	Wood		
2	ABCD	Walls	0.2	NO	Dry Wall		
2	ABCD	Baseboards	0.2	NO	Wood		
2		Floor	COV	NO			
2		Ceiling	0.1	NO	Dry Wall		
2	A	Door	0.1	NO	Wood		
2	A	Door Casing	0.3	NO	Wood		
2	A	Door Jamb	0.3	NO	Wood		
2	A	Window Sill	0.4	NO	Wood		
2	A	Window Casing	0.3	NO	Wood		
2	A	Window Stops	0.2	NO	Wood		
2	C	Window Sash	VR	NO	Vinyl Replacement		
2		Closet Shelves		NO	Wood		
2		Closet Supports		NO	Wood		
3	ABCD	Walls	0.1	NO	Dry Wall		
3	ABCD	Baseboards	0.1	NO	Wood		
3		Floor	COV	NO			
3		Ceiling	0.3	NO	Dry Wall		
3	A	Door	0.3	NO	Wood		
3	A	Door Casing	0.2	NO	Wood		
3	A	Door Jamb	0.2	NO	Wood		
3	B	Window Sill	0.2	NO	Wood		
3	B	Window Casing	0.1	NO	Wood		
3	B	Window Stops	0.1	NO	Wood		
3	B	Window Sash	VR	NO	Vinyl Replacement		
3	D	Closet Shelves	0.2	NO	Wood		
3	D	Closet Supports	0.4	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014

Inspector/Risk Assessor — Lic# — Date

1153 Nantasket Ave — Hull

Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
4	ABCD	Walls	0.2	NO	Dry Wall		
4	ABCD	Baseboards	0.1	NO	Wood		
4		Floor	COV	NO			
4		Ceiling	0.1	NO	Dry Wall		
4	A	Door	0.3	NO	Wood		
4	A	Door Casing	0.3	NO	Wood		
4	A	Door Jamb	0.2	NO	Wood		
4	C	Window Sill	0.3	NO	Wood		
4	C	Window Casing	0.1	NO	Wood		
4	C	Window Stops	0.2	NO	Wood		
4	C	Window Sash	VR	NO	Vinyl Replacement		
4	B	Closet Shelves	0.2	NO	Wood		
4	B	Closet Supports	0.2	NO	Wood		
5	ABCD	Walls	0.1	NO	Dry Wall		
5	ABCD	Baseboards	0.1	NO	Wood		
5		Floor	COV	NO			
5		Ceiling	0.2	NO	Dry Wall		
5	A	Door	0.2	NO	Wood		
5	A	Door Casing	0.3	NO	Wood		
5	A	Door Jamb	0.3	NO	Wood		
5	A	Window Sill	0.1	NO	Wood		
5	A	Window Casing	0.2	NO	Wood		
5	A	Window Stops	0.2	NO	Wood		
5	A	Window Sash	VR	NO	Vinyl Replacement		
5	B	Closet Shelves	0.2	NO	Wood		
5	B	Closet Supports	0.2	NO	Wood		
Hall		Walls	0.1	NO	Dry Wall		
Hall		Baseboards	0.1	NO	Wood		
Hall		Floor	COV	NO			
Hall		Ceiling	0.2	NO	Dry Wall		
Hall	A	Door	0.2	NO	Wood		
Hall	A	Door Casing	0.1	NO	Wood		
Hall	A	Door Jamb	0.2	NO	Wood		
Hall		Closet Shelves		NO	Wood		
Hall	A	Closet Supports	0.3	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — Inspector/Risk Assessor
M 2929/R 2929 — Lic#
10/10/2014 — Date

1153 Nantasket Ave — Address of Property
Apt#
Hull — City
Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Kitchen	ABCD	Walls	0.2	NO	Dry Wall		
Kitchen	ABCD	Baseboards	0.1	NO	Wood		
Kitchen		Floor	COV	NO			
Kitchen		Ceiling	0.1	NO	Dry Wall		
Kitchen	B	Door	0.3	NO	Wood		
Kitchen	B	Door Casing	0.3	NO	Wood		
Kitchen	B	Door Jamb	0.1	NO	Wood		
Kitchen	B	Window Sill	0.1	NO	Wood		
Kitchen	B	Window Casing	0.3	NO	Wood		
Kitchen	B	Window Stops	0.2	NO	Wood		
Kitchen	B	Window Sash	VR	NO	Vinyl Replacement		
	ACD	Up Cabinet Frame	0.3	NO	Wood		
Kitchen	ACD	Up Cabinet Door	0.2	NO	Wood		
Kitchen	ACD	Up Cabinet Walls	0.1	NO	Dry Wall		
Kitchen	ACD	Up Cabinet Shelves	0.1	NO	Wood		
Kitchen	ACD	Up Cabinet Supports	0.3	NO			
Kitchen	ACD	Low Cabinet Frame	0.3	NO	Dry Wall		
Kitchen	ACD	Low Cabinet Door	0.1	NO	Wood		
Kitchen	ACD	Low Cabinet Walls	0.1	NO	Wood		
Kitchen	ACD	Low Cabinet Shelves	0.2	NO	Wood		
Kitchen	ACD	Up Cabinet Supports	0.2	NO	Wood		
Kitchen	ACD	Drawers	0.3	NO	Wood		
Bath	ABCD	Walls	0.1	NO	Dry Wall		
Bath	ABCD	Baseboards	0.1	NO	Wood		
Bath		Floor	COV	NO			
Bath		Ceiling	0.3	NO	Dry Wall		
Bath		Walls		NO	Dry Wall		
Bath	CD	Door	0.2	NO	Wood		
Bath	CD	Door Casing	0.2	NO	Wood		
Bath	CD	Door Jamb	0.2	NO	Wood		
Bath		Window Sill		NO	Wood		
Bath		Window Casing		NO	Wood		
Bath		Window Stops		NO	Wood		
Bath		Window Sash	VR	NO	Vinyl Replacement		
Bath	A	Medicine Cabinet	0.2	NO	Metal		
Bath	A	Low Cabinet Frame	0.3	NO	Wood		
Bath	A	Low Cabinet Door	0.3	NO	Wood		
Bath	A	Low Cabinet Walls	0.1	NO	Wood		
Bath	A	Low Cabinet Shelves	0.2	NO	Wood		
Bath	A	Low Cabinet Supports	0.3	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — Inspector/Risk Assessor
M 2929/R 2929 — Lic#
10/10/2014 — Date

1153 Nantasket Ave — Address of Property
Apt#
Hull — City
Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Exterior	A	Siding	Cov	NO	Vinyl		
Exterior	A	Upper Trim	Cov	NO	Aluminum		
Exterior	A	Foundation	0.3	NO	Concrete		
Exterior	A	Drain Pipes	0.3	NO	Aluminum		
Exterior	A	Door	0.2	NO	Metal		
Exterior	A	Door Casing	COV	NO	Wood		
Exterior	A	Door Jamb	0.3	NO	Wood		
Exterior	A	Threshold	0.3	NO	Metal		
Exterior	A	Window Sill	Cov	NO	Aluminum		
Exterior	A	Window Casing	Cov	NO	Aluminum		
Exterior	A	Window Sash	VR	NO	Vinyl Replacement		
Exterior		Columns		NO	Wood		
Exterior		Joists		NO	Wood		
Exterior		Ceiling	Cov	NO	Aluminum		
Exterior	A	Fence	0.2	NO	Wood		
Exterior		Gas Pipes		NO	Metal		
Exterior		Electrical Conduit		NO	Metal		
Shed 1		Siding	Cov	NO	Vinyl		
Shed 1		Upper Trim	Cov	NO	Aluminum		
Shed 1		Door Casing	Cov	NO	Aluminum		
Shed 1		Door Jamb	0.2	NO	Wood		
Shed 1		Columns	0.3	NO	Wood		
Shed 1		Foundation	0.2	NO	Concrete		
Shed 2		Siding	0.3	NO	Wood		
Shed 2		Upper Trim	0.2	NO	Wood		
Shed 2		Corner Boards		NO	Wood		
Shed 2		Lower Trim		NO	Wood		
Shed 2		Door	0.4	NO	Wood		
Shed 2		Door Casing	0.3	NO	Wood		
Shed 2		Door Jamb	0.3	NO	Wood		
Shed 2		Threshold	0.1	NO	Metal		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Inspection / Risk Assessment Report

Anthony Jakaitis
Master Lead Paint Inspector
PO BOX 400, South Weymouth, MA 02190
(781) 331-1565

St.#	Street Name	Street Type	Unit
1153	Nantasket	Ave	

City: Hull

Zip Code: 02045

Number of Rooms in Unit: 7

Property Type:
- [x] Single Family
- [ ] Multi Family # of Units
- [ ] Condominium # of Units
- [ ] Day Care [ ] Other

Owners Name: United States Coast Guard c/o Tetra Tech
Owner Address: 45610 Woodland Road, Sterling, VA 20166
Contact Information: Jimmy Kehs
Client Name (if different from owner):
Client Address:

Key	Legend Column
COV	Covered
VB	Vinyl Baseboard
MET	Metal
VR	Vinyl Rep. Window
MR	Metal Rep. Window
NA	Not Accessible
NC	No Coating
Tile	Tile (testing suggested)
DC	Dropped Ceiling

Key	Treatment Method	Key	Treatment Method
CAP	Capped	SCR	Scraped
COV	Covered	DIP	Dipped
ENC	Encapsulated	REM	Removed
MI	Made Intact	REP	Replaced
PRE	Prepared for Enc.	REV	Reversed
VR/MR	Vinyl/Metal Rep Window	INT	Intact
SFR	Storm Frame Removed		
[/]	Component Does Not Exist		

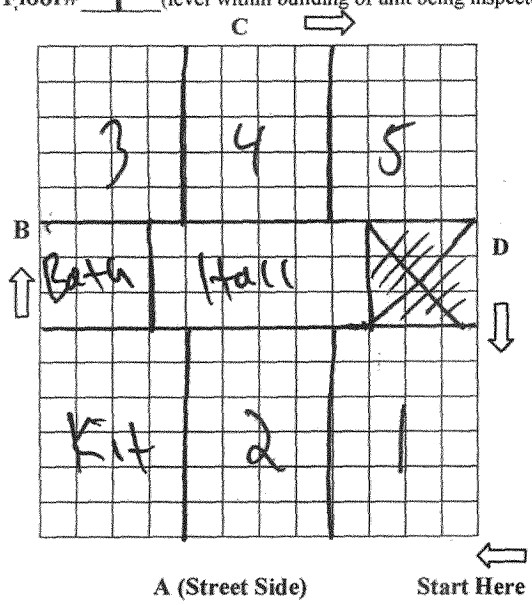
Laundry in Basement? [ ] Yes [x] No
Finished Space in Basement [ ] Yes [x] No

Testing Method Used

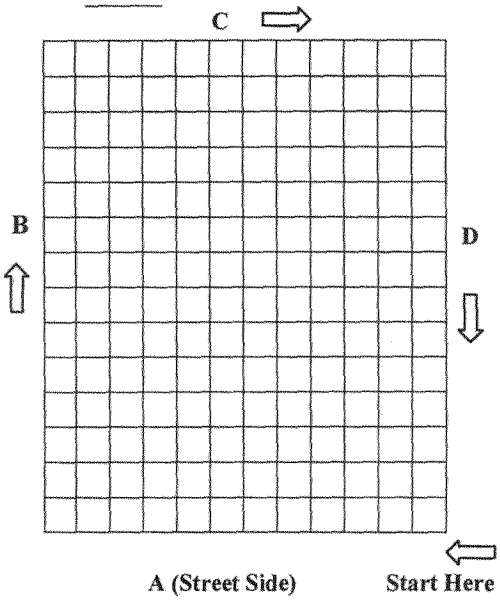
Na_2S Expiration Date:
X-Ray Fluorescence
Model: RMD Serial # 1462

Comments / Notes:

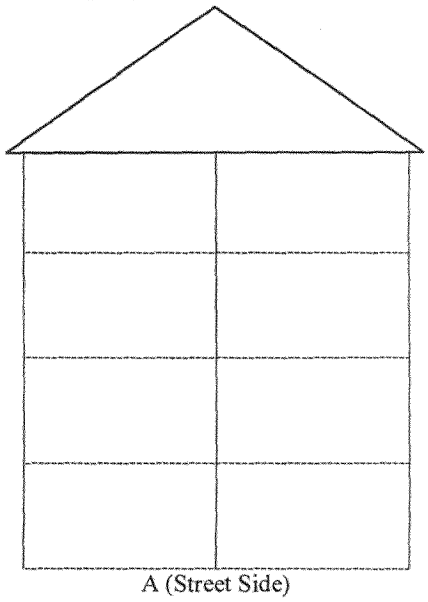
Floor# 1 (level within building of unit being inspected)



Floor# _____



Property Diagram / Unit Labels



Pb (lead) equal to or greater than 1.0 m/cm^2 with x-ray fluorescence or positive with Na_2S is **Dangerous.**

XRF Calibration Recorded In Log Book	[✓]	✓ - Check off when complete
Address verified through USPS	[✓]	✓ - Check off when complete
Research on Lead Related History for Address	[✓]	✓ - Check off when complete

nthony Jakaitis	M 2929		10/10/2014
	License #	Signature	

/RA revised 01/12

ADDRESS: 1153 Nantasket Ave, Hull, MA 02045

INSPECTION HISTORY

Determination		
Lead Hazards?	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Comprehensive Initial Inspection 010695	Y / N	Inspector Name: Ron Albert, M 1704 Signature_____
Lead Hazards?		
Comp Initial w/Partial PCAD	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Lead Hazards?		
Addendum (add-on to Initial Inspection)	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Lead Hazards?		
Addendum as Full Insp. (Lost Docs)	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Lead Hazards?		
Walk Through for Ed/Consultation		Inspector Name:_____, Lic#_____ Signature_____

REINSPECTION HISTORY

Visual Portion of Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Visual Portion of Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Visual Portion of Final Reinspection	P / F	Inspector Name: Signature_____
Visual Portion of Final Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Final Reinsp. (No Reocc)	P / F	Inspector Name: Signature_____
Dust Taken for Final Reinsp. (No Reocc)	P / F	Inspector Name:_____, Lic#_____ Signature_____

INTERIM CONTROL

Risk Assessment Urgent Pb. Hazards?	Y / N	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment	P / F	R.A. Name:_____, Lic#_____ Signature_____
Visual Portion of Reinspection for Interim Control	P / F	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment Reinsp.	P / F	R.A. Name:_____, Lic#_____ Signature_____
Visual Portion of Reinspection for Interim Control	P / F	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment Reinsp.	P / F	R.A. Name:_____, Lic#_____ Signature_____
Risk Assessment Recertification Urgent Pb. Hazards?	Y / N	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for RA Recertification	P / F	R.A. Name:_____, Lic#_____ Signature_____

POST COMPLIANCE ASSESSMENT DETERMINATIONS

PCAD Lead Hazards?	Y / N	Inspector Name: Signature_____
Full Inspection Acting as PCAD 101014 Lead Hazards?	Y / N	Inspector Name:Anthony Jakaitis, M 2929 Signature_____
Visual Portion of PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____

REOCCUPANCY CERTIFICATE HISTORY

Certificate of Reoccupancy	Inspector Name:
Only after High/Mod Risk (# rooms rule)	Signature_____

Certificate of Reoccupancy	Inspector Name:_____, Lic#_____
Only after High/Mod Risk (# rooms rule)	Signature_____

Certificate of Reoccupancy	Inspector Name:_____, Lic#_____
Only after High/Mod Risk (# rooms rule)	Signature_____

COMPLIANCE HISTORY

Letter of Full Initial Compliance	Inspector Name:_____, Lic#_____
No prior history/ No signs of UD	Signature_____

Letter of Interim Control	Inspector Name:_____, Lic#_____
No prior Comp. Expires in 1 yr.	Signature_____

Recertification of Interim Control	Inspector Name:_____, Lic#_____
Expires 2 yrs from original Interim Control	Signature_____

Letter of Full Deleading Compliance	Inspector Name: Ron Albert, M 1704
09 09 97	Signature_____
Dust wipes if No Reocc.	

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

COMPLIANCE HISTORY (CONT.)

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

OTHER HISTORY: WAIVERS/UD/EPA RRP

Approved CLPPP Waiver	CLPPP Insp. Name:_____, Lic#_____
Attach to Comp Docs	Signature_____

Approved CLPPP Waiver	CLPPP Insp. Name:_____, Lic#_____
Attach to Comp Docs	Signature_____

UD / DES Visual Reinspection	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

UD / DES Visual Reinspection	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

UD / DES Dust Taken	P / F	Inspector Name:_____, Lic#_____
No LOC Issued		Signature_____

UD/DES Dust Taken	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

EXPLANATION OF LEAD INSPECTION / RISK ASSESSMENT REPORT FORM COLUMNS

This page provides general information needed to understand the lead inspection/risk assessment report. However, you should speak with the inspector/risk assessor before you start to do any work on your home.

SIDE Refers to A, B, C, or D side of the building or room. See the diagram on the cover sheet. The "A" side of the building or room is the side facing the street that gives the property its address (usually, it is the front of the building). Keeping your back to this street, from the "A" side move clockwise to the "B" side on your left, the "C" side opposite you, and the "D" side to the right. Numbering is from left to right.

LOCATION/ SURFACE Refers to the building component(s) being tested. Some surfaces may be made up of more than one part. For example, "Baseboard" may refer to four separate pieces of wood (one on each wall), but is still considered one surface.

LEAD The actual lead result. Each surface tested must have a result recorded in the "Lead" column.

- A number shows that the surface was tested with an XRF analyzer. A number (or average number) equal to or greater than 1.0 mg/cm^2 is a dangerous level of lead.
- A "pos" or "neg" shows that the surface was tested with sodium sulfide. "Pos" means that there is a dangerous level of lead.
- "N/A" means that the inspector was not able to test the surface. Unless the owner can get a sample to test, the inspector must assume the surface contains lead and require it to be deleaded, if necessary.
- "MET" or "MR" means that a metal surface was not tested and only needs to be intact, even if it is a leaded surface. However, metal handrails, metal window sills, and metal railing caps, need to be deleaded if they test equal to or greater than 1.0 mg/cm^2, or is marked "N/A."
- For key to abbreviations like "COV", "VB", "VR" or "MR", "NC", "Tile", "DC", see the cover page.
- When a component box is slashed and there are test results above and below the diagonal line, the result on the "bottom" represents results below 5 ft. and the "top" result indicates the test result above 5 ft.

TYPE OF HAZARD Not all lead paint must be deleaded. This column tells you IF and WHY a surface needs deleading. The deleading standards below may not apply for Interim Controls. Speak to your risk assessor for more information.

- "M/I" circled means that the surface is a moveable/impacted surface and must be deleaded in its entirety.
- "SF" circled indicates that there is a storm frame present which requires the blind stop and exterior sill be deleaded as interior moveable / impacted surfaces.
- "A/M" circled means that the surface is "accessible mouthable" and must be deleaded to a minimum of five feet high, four inches in from the edge or corner.
- "L" circled means that the surface is loose and must, at minimum, be made intact.
- If more than one choice is circled, the rules for deleading may change depending upon what method of deleading you choose. Speak to the inspector for more information.
- "N/A" means the inspector was unable to determine if the surface was a lead hazard. The person doing the deleading must check this surface and follow all the rules for deleading. Speak to the inspector for more information.
- If nothing is circled in the column, then it is likely the surface does not need deleading. Speak to the inspector for more information. Remember, this does not mean the entire surface is lead free, it just does not require deleading in its current condition.

URG HAZ? This column is only completed during a risk assessment. A risk assessment is an evaluation of a home's suitability for Interim Control. **Only a licensed risk assessor can do a risk assessment, not all inspectors are risk assessors.** If "Y" is circled, then this surface is considered an "Urgent Lead Hazard" and some type of deleading work is required to qualify for Interim Control.

IC DATE The date the licensed risk assessor determines the surface meets the standards for Interim Control.

IC METH The deleading method or structural repair done to qualify the surface for Interim Control. Refer to the deleading codes key on the cover page.

DELEAD DATE The date that the lead inspector reinspects the surface and finds that it has been successfully brought back into compliance.

DELEAD METH The method used to bring a surface into full compliance. Refer to codes in the Key on the cover page of the PCAD

EXCLUDED SURFACES The amount of loose paint on a surface as measured by the lead inspector. "N/A" means that the inspector was not able to measure the loose paint, but has determined it is more than the cut-off for moderate risk making intact.

Anthony Jakaitis	M 2929		10/10/2014
Inspector (print)	Lic #	Signature	Date

Risk Assessor (print)	Lic #	Signature	Date

Address of Property: 1153 Nantasket Ave Apt. Hull, MA 02045

ROOM # 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.3	A/M L N/A	Y				
A B C D	Low Walls	.	A/M L N/A	Y				
A B C D	Baseboards	0.2	A/M L N/A	Y				
A B C D	Chair Rail	.	A/M L N/A	Y				
A B C D	Radiator	.	A/M L N/A	Y				
	Floor	Cov	A/M L N/A	Y				
	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole	.	A/M L N/A	Y				
2	Closet Shelf	0.1	A/M L N/A	Y				
3	Cl Supports	0.1	A/M L N/A	Y				
4	Closet Floor	Cov	A/M L N/A	Y				
	Closet Ceiling	0.2	A/M L N/A	Y				

OMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.3	M/I A/M L N/A	Y				
	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace		A/M L N/A	Y				
C D	Mantle		A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding		A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

IDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1153 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 2

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.2	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.2	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	CON	A/M L N/A	Y				
	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	0.1	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing	.	A/M L N/A	Y				
1 2	Door Jamb		A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	.	A/M L N/A	Y				
B	Cl Casing	.	A/M L N/A	Y				
C	Closet Jamb	.	A/M L N/A	Y				
D	Closet Walls	.	A/M L N/A	Y				
	Cl Baseboard	.	A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf	.	A/M L N/A	Y				
3	Cl Supports	.	A/M L N/A	Y				
4	Closet Floor		A/M L N/A	Y				
	Closet Ceiling	.	A/M L N/A	Y				

OMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.4	M/I A/M L N/A	Y				
	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron		A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	.	A/M L N/A	Y				
C D	Mantle		A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding		A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

IDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1153 Nantasket Ave — Apt. — Hull, MA 02045

Kitchen w/ Laundry Hookup

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.2	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Con	A/M L N/A	Y				
	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold	0.1	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb		A/M L N/A	Y				
3 4	Threshold		A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb		A/M L N/A	Y				
3 4	Threshold		A/M L N/A	Y				
A	Closet Door	/	A/M L N/A	Y				
B	Cl Casing		A/M L N/A	Y				
C	Closet Jamb		A/M L N/A	Y				
D	Closet Walls		A/M L N/A	Y				
	Cl Baseboard		A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf		A/M L N/A	Y				
3	Cl Supports		A/M L N/A	Y				
4	Closet Floor		A/M L N/A	Y				
	Closet Ceiling		A/M L N/A	Y				

OMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.1	M/I A/M L N/A	Y				
	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A B	Up Cab Frame	0.2	A/M L N/A	Y				
C D	Up Cab Door	0.2	A/M L N/A	Y				
	Up Cab Walls	0.1	A/M L N/A	Y				
1 2	Up Cab Shlvs	0.1	A/M L N/A	Y				
3 4	Supports	0.3	A/M L N/A	Y				
	Low Cab Fram	0.3	A/M L N/A	Y				
A B	Low Cab Door	0.1	A/M L N/A	Y				
C D	Low Cab Walls	0.1	A/M L N/A	Y				
	Low Cab Shlvs	0.2	A/M L N/A	Y				
1 2	Supports	0.2	A/M L N/A	Y				
3 4	Drawers	0.3	A/M L N/A	Y				
A B C D	Win Above 5'	/	M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				
C	Access	0.2	M/I A/M L N/A	Y				
	Panel		M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

IDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis	M 2929		10/10/2014
Inspector (print)	Lic #	Signature	Date

Risk Assessor (print)	Lic#	Signature	Date

Address of Property: 1153 Nantasket Ave Apt. Hull, MA 02045

BATHROOM # 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	.	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	.	A/M L N/A	Y				
A B C D	Radiator	.	A/M L N/A	Y				
	Floor	0.2	A/M L N/A	Y				
	Ceiling	0.3	A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M	Y				
3 4	Threshold	0.1	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing	.	A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	.	A/M L N/A	Y				
B	Cl Casing	.	A/M L N/A	Y				
C	Closet Jamb	.	A/M L N/A	Y				
D	Closet Walls	.	A/M L N/A	Y				
	Cl Baseboard	.	A/M L N/A	Y				
1	Closet Pole	.	A/M L N/A	Y				
2	Closet Shelf	.	A/M L N/A	Y				
3	Cl Supports	.	A/M L N/A	Y				
4	Closet Floor	.	A/M L N/A	Y				
	Closet Ceiling		A/M L N/A	Y				
B	Up Cab Frame	.	A/M L N/A	Y				
D	Up Cab Door	.	A/M L N/A	Y				
	Up Cab Walls	.	A/M L N/A	Y				
2	Up Cab Shlvs	.	A/M L N/A	Y				
4	Supports	.	A/M L N/A	Y				
		.	M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

OMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Low Cab Fram	0.3	A/M L N/A	Y				
	Low Cab Door	0.3	A/M L N/A	Y				
C D	Low Cab Walls	0.1	A/M L N/A	Y				
	Low Cab Shlvs	0.2	A/M L N/A	Y				
1 2	Supports	0.4	A/M L N/A	Y				
3 4	Drawers	0.3	A/M L N/A	Y				
A	Window Sill		M/I A/M L N/A	Y				
B	Win Apron		A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop		M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'		M/I A/M L NA	Y				
A B C D	Ceiling Molding		M/I A/M L NA	Y				
A B C D	Medicine Cab	0.2	M/I A/M L NA	Y				
A B C D	Wall O/C		M/I A/M L NA	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
		.	M/I A/M L NA	Y				
		.	M/I A/M L NA	Y				
		.	M/I A/M L NA	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

DE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1153 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 3

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	CON	A/M L N/A	Y				
	Ceiling	0.3	A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.4	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.4	A/M L N/A	Y				
4	Closet Floor	CON	A/M L N/A	Y				
	Closet Ceiling	0.3	A/M L N/A	Y				

OMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.2	M/I A/M L N/A	Y				
B	Win Apron	0.2	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.2	A/M L N/A	Y				
D	Header Stop	0.4	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	/	M/I A/M L N/A	Y				
B	Win Apron	/	A/M L N/A	Y				
C	Win Casing	/	A/M L N/A	Y				
D	Header Stop	/	M/I A/M L N/A	Y				
	Int Stops	/	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	/	A/M L N/A	Y				
C D	Mantle	/	A/M L N/A	Y				
A B C D	Win Above 5'	/	A/M L N/A	Y				
	Ceiling Molding	/	A/M L N/A	Y				
		/	A/M L N/A	Y				
		/	A/M L N/A	Y				
		/	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

IDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1153 Nantasket Ave — Apt. — Hull, MA 02045

HALLWAY: 1 Cont..

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	.	A/M L N/A	Y				
A B C D	Low Walls	.	A/M L N/A	Y				
A B C D	Baseboards		A/M L N/A	Y				
A B C D	Chair Rail	.	A/M L N/A	Y				
A B C D	Radiator	.	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Ceiling		A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold		A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole	.	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.3	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.3	A/M L N/A	Y				

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Closet Door	0.2	A/M L N/A	Y				
	Cl Casing	0.2	A/M L N/A	Y				
C	Closet Jamb	0.1	A/M L N/A	Y				
D	Closet Walls	0.1	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.4	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.3	A/M L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'		M/I A/M L N/A	Y				
A B C D	Ceiling Molding		M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1153 Nantasket Ave — Apt. — Hull, MA 02045

EXTERIOR A Side

SIDE A	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Siding	con	L N/A	Y				
	Corner Boards	con	L N/A	Y				
	Lower Trim	con	L N/A	Y				
	Upper Trim	con	L N/A	Y				
	Win Above 5'	con	L N/A	Y				
	Porch Above 5'	/	L N/A	Y				
A 1 2 3 4	Storm Door	0.2	A/M L N/A	Y				
	Door	0.2	A/M L N/A	Y				
	Door Casing	con	A/M L N/A	Y				
	Door Jamb	0.3	A/M L N/A	Y				
	Threshold	0.3	A/M L N/A	Y				
	Kickplate	0.2	A/M L N/A	Y				
A 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
A 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
A #	Window Sill	con	A/M L N/A	Y				
	Win Casing	con	A/M L N/A	Y				
	Window Sash	ok	A/M L N/A	Y				
A #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE A	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
A #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A	Foundation	0.3	L N/A	Y				
	Bulkhead	.	A/M L N/A	Y				
	Fences	0.2	A/M L N/A	Y				
	Shutters	/	A/M L N/A	Y				
A	Newel post	.	A/M L N/A	Y				
	Railing Cap		A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
A	Drain Pipes	0.3	L N/A	Y				
	Elec Conduit	0.3	L N/A	Y				
	Oil Fill Pipe	/	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE A	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
A				
A				
A				
A				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1153 Nantasket Ave — Apt. — Hull, MA 02045

EXTERIOR B Side

SIDE B	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
B	Siding	Cov	L N/A	Y				
	Corner Boards	Cov	L N/A	Y				
	Lower Trim	Cov	L N/A	Y				
	Upper Trim	Cov	L N/A	Y				
	Win Above 5'	Cov	L N/A	Y				
	Porch Above 5'	/	L N/A	Y				
B 1 2 3 4	Storm Door	0.1	A/M L N/A	Y				
	Door	0.1	A/M L N/A	Y				
	Door Casing	Cov	A/M L N/A	Y				
	Door Jamb	0.2	A/M L N/A	Y				
	Threshold	0.3	A/M L N/A	Y				
	Kickplate	0.3	A/M L N/A	Y				
B 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
B 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
B	Window Sill	Cov	A/M L N/A	Y				
	Win Casing	Cov	A/M L N/A	Y				
#1	Window Sash	UK	A/M L N/A	Y				
B #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash		A/M L N/A	Y				
B #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
B	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE B	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
B #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
B #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B	Foundation	0.2	L N/A	Y				
	Column	0.2	A/M L N/A	Y				
	Joists	0.3	A/M L N/A	Y				
	Ceiling	Cov	A/M L N/A	Y				
B	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
B	Drain Pipes	0.3	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Oil Fill Pipe	.	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE B	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
B				
B				
B				
B				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis | M 2929 | 10/10/2014
Inspector (print) | Lic # | Signature | Date

Risk Assessor (print) | Lic# | Signature | Date

Address of Property: 1153 Nantasket Ave Apt. Hull, MA 02045

EXTERIOR C Side

SIDE C	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
C	Siding	CON	L N/A	Y				
	Corner Boards	CON	L N/A	Y				
	Lower Trim	CON	L N/A	Y				
	Upper Trim	CON	L N/A	Y				
	Win Above 5'	CON	L N/A	Y				
	Porch Above 5'		L N/A	Y				
C 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
C 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
C 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
C #	Window Sill		A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C #3	Window Sill	CON	A/M L N/A	Y				
	Win Casing	CON	A/M L N/A	Y				
	Window Sash	CON	A/M L N/A	Y				
C #	Window Sill	.	A/M L N/A	Y				
	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE C	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C	Foundation	0.3	L N/A	Y				
	Bulkhead	.	A/M L N/A	Y				
	Fences	0.2	A/M L N/A	Y				
	Shutters		A/M L N/A	Y				
C	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
C	Drain Pipes	0.2	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Oil Fill Pipe	.	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE C	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
C				
C				
C				
C				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis | M 2929 | [signature] | 10/10/2014
Inspector (print) | Lic # | Signature | Date

Risk Assessor (print) | Lic# | Signature | Date

Address of Property: 1153 Nantasket Ave Apt. Hull, MA 02045

EXTERIOR D Side

SIDE D	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
D	Siding	con	L N/A	Y				
	Corner Boards	con	L N/A	Y				
	Lower Trim	con	L N/A	Y				
	Upper Trim	con	L N/A	Y				
	Win Above 5'	con	L N/A	Y				
	Porch Above 5'		L N/A	Y				
D 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
D 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
D 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
D #2	Window Sill	con	A/M L N/A	Y				
	Win Casing	con	A/M L N/A	Y				
	Window Sash	UK	A/M L N/A	Y				
D #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE D	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
D #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D	Foundation	0.3	L N/A	Y				
	Bulkhead	.	A/M L N/A	Y				
	Fences	0.2	A/M L N/A	Y				
	Shutters		A/M L N/A	Y				
D	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
D	Drain Pipes	.	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Gas Pipe	0.3	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE D	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
D				
D				
D				
D				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis	M 2929		10/10/2014
Inspector (print)	Lic #	Signature	Date

Risk Assessor (print)	Lic #	Signature	Date

Address of Property: 1153 Nanatasket Ave Apt. Hull

Shed 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B	Siding	Con	L N/A	Y				
C D	Corner Boards	Con	L N/A	Y				
	Upper Trim	Con	L N/A	Y				
	Ceiling	.	L N/A	Y				
	Joists	.	L N/A	Y				
A	Door	0.3	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	Con	A/M L N/A	Y				
D	Door Jamb	0.2	A/M L N/A	Y				
1 2	Threshold	0.2	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
A	Door	.	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	.	A/M L N/A	Y				
D	Door Jamb	.	A/M L N/A	Y				
1 2	Threshold	.	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing	.	A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing	.	A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing	.	A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing	.	A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
	Support Clmns	0.3	A/M L N/A	Y				
	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail	.	A/M L N/A	Y				
	Balusters	.	A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads		A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lower Walls		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
	Lower Trim	.	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Sidelites	.	A/M L N/A	Y				
		.	A/M L N/A	Y				
	Foundation	0.2	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print) | M 2929 — Lic # | Signature | 10/10/2014 — Date

Risk Assessor (print) | Lic # | Signature | Date

Address of Property: 1153 Nanatasket Ave | Apt. | Hull

Shed 2

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B	Siding	0.3	L N/A	Y				
C D	Corner Boards	0.2	L N/A	Y				
	Upper Trim	0.2	L N/A	Y				
	Ceiling		L N/A	Y				
	Joists	.	L N/A	Y				
A	Door	0.4	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	0.3	A/M L N/A	Y				
D	Door Jamb	0.3	A/M L N/A	Y				
1 2	Threshold	0.1	A/M L N/A	Y				
3 4	Kickplate		A/M L N/A	Y				
A	Door	.	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	.	A/M L N/A	Y				
D	Door Jamb	.	A/M L N/A	Y				
1 2	Threshold	.	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
	Support Clmns	.	A/M L N/A	Y				
	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail	.	A/M L N/A	Y				
	Balusters	.	A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads		A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lower Walls		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
	Lower Trim	0.2	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Sidelites	.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

IDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014

Inspector/Risk Assessor — Lic# — Date

1155 Nantasket Ave — Hull

Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
1	ABCD	Walls	0.3	NO	Dry Wall		
1	ABCD	Baseboards	0.2	NO	Wood		
1		Floor	COV	NO			
1		Ceiling	0.1	NO	Dry Wall		
1	C	Door	0.1	NO	Wood		
1	C	Door Casing	0.3	NO	Wood		
1	C	Door Jamb	0.3	NO	Wood		
1	A	Window Sill	0.3	NO	Wood		
1	A	Window Casing	0.1	NO	Wood		
1	A	Window Stops	0.2	NO	Wood		
1	A	Window Sash	VR	NO	Vinyl Replacement		
1	C	Closet Shelves	0.1	NO	Wood		
1	C	Closet Supports	0.1	NO	Wood		
2	ABCD	Walls	0.2	NO	Dry Wall		
2	ABCD	Baseboards	0.2	NO	Wood		
2		Floor	COV	NO			
2		Ceiling	0.1	NO	Dry Wall		
2	A	Door	0.1	NO	Wood		
2	A	Door Casing	0.3	NO	Wood		
2	A	Door Jamb	0.3	NO	Wood		
2	A	Window Sill	0.4	NO	Wood		
2	A	Window Casing	0.3	NO	Wood		
2	A	Window Stops	0.1	NO	Wood		
2	A	Window Sash	VR	NO	Vinyl Replacement		
2		Closet Shelves		NO	Wood		
2		Closet Supports		NO	Wood		
3	ABCD	Walls	0.1	NO	Dry Wall		
3	ABCD	Baseboards	0.1	NO	Wood		
3		Floor	COV	NO			
3		Ceiling	0.3	NO	Dry Wall		
3	A	Door	0.3	NO	Wood		
3	A	Door Casing	0.1	NO	Wood		
3	A	Door Jamb	0.1	NO	Wood		
3	B	Window Sill	0.1	NO	Wood		
3	B	Window Casing	0.3	NO	Wood		
3	B	Window Stops	0.1	NO	Wood		
3	B	Window Sash	VR	NO	Vinyl Replacement		
3	D	Closet Shelves	0.3	NO	Wood		
3	D	Closet Supports	0.3	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014

Inspector/Risk Assessor — Lic# — Date

1155 Nantasket Ave — Hull

Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
4	ABCD	Walls	0.2	NO	Dry Wall		
4	ABCD	Baseboards	0.1	NO	Wood		
4		Floor	COV	NO			
4		Ceiling	0.1	NO	Dry Wall		
4	A	Door	0.2	NO	Wood		
4	A	Door Casing	0.3	NO	Wood		
4	A	Door Jamb	0.3	NO	Wood		
4	C	Window Sill	0.3	NO	Wood		
4	C	Window Casing	0.1	NO	Wood		
4	C	Window Stops	0.2	NO	Wood		
4	C	Window Sash	VR	NO	Vinyl Replacement		
4	B	Closet Shelves	0.2	NO	Wood		
4	B	Closet Supports	0.2	NO	Wood		
5	ABCD	Walls	0.1	NO	Dry Wall		
5	ABCD	Baseboards	0.1	NO	Wood		
5		Floor	COV	NO			
5		Ceiling	0.2	NO	Dry Wall		
5	A	Door	0.3	NO	Wood		
5	A	Door Casing	0.3	NO	Wood		
5	A	Door Jamb	0.1	NO	Wood		
5	C	Window Sill	0.2	NO	Wood		
5	C	Window Casing	0.3	NO	Wood		
5	C	Window Stops	0..1	NO	Wood		
5	C	Window Sash	VR	NO	Vinyl Replacement		
5	B	Closet Shelves	0.2	NO	Wood		
5	B	Closet Supports	0.3	NO	Wood		
Hall	ABCD	Walls	0.1	NO	Dry Wall		
Hall	ABCD	Baseboards	0.1	NO	Wood		
Hall		Floor	COV	NO			
Hall		Ceiling	0.2	NO	Dry Wall		
Hall	A	Door	0.2	NO	Wood		
Hall	A	Door Casing	0.3	NO	Wood		
Hall	A	Door Jamb	0.1	NO	Wood		
Hall		Closet Shelves		NO	Wood		
Hall	A	Closet Supports	0.2	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — Inspector/Risk Assessor
M 2929/R 2929 — Lic#
10/10/2014 — Date

1155 Nantasket Ave — Address of Property
Apt#
Hull — City
Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Kitchen	ABCD	Walls	0.2	NO	Dry Wall		
Kitchen	ABCD	Baseboards	0.1	NO	Wood		
Kitchen		Floor	COV	NO			
Kitchen		Ceiling	0.1	NO	Dry Wall		
Kitchen	B	Door	0.3	NO	Wood		
Kitchen	B	Door Casing	0.3	NO	Wood		
Kitchen	B	Door Jamb	0.1	NO	Wood		
Kitchen	B	Window Sill	0.3	NO	Wood		
Kitchen	B	Window Casing	0.3	NO	Wood		
Kitchen	B	Window Stops	0.2	NO	Wood		
Kitchen	B	Window Sash	VR	NO	Vinyl Replacement		
	ACD	Up Cabinet Frame	0.2	NO	Wood		
Kitchen	ACD	Up Cabinet Door	0.4	NO	Wood		
Kitchen	ACD	Up Cabinet Walls	0.3	NO	Dry Wall		
Kitchen	ACD	Up Cabinet Shelves	0.3	NO	Wood		
Kitchen	ACD	Up Cabinet Supports	0.1	NO			
Kitchen	ACD	Low Cabinet Frame	0.1	NO	Dry Wall		
Kitchen	ACD	Low Cabinet Door	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Walls	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Shelves	0.3	NO	Wood		
Kitchen	ACD	Up Cabinet Supports	0.3	NO	Wood		
Kitchen	ACD	Drawers	0.2	NO	Wood		
Bath	ABCD	Walls	0.1	NO	Dry Wall		
Bath	ABCD	Baseboards	0.1	NO	Wood		
Bath		Floor	COV	NO			
Bath		Ceiling	0.3	NO	Dry Wall		
Bath	A	Walls	0.2	NO	Dry Wall		
Bath	CD	Door	0.1	NO	Wood		
Bath	CD	Door Casing	0.2	NO	Wood		
Bath	CD	Door Jamb	0.2	NO	Wood		
Bath		Window Sill		NO	Wood		
Bath		Window Casing		NO	Wood		
Bath		Window Stops		NO	Wood		
Bath		Window Sash	VR	NO	Vinyl Replacement		
Bath	A	Medicine Cabinet	0.2	NO	Metal		
Bath	A	Low Cabinet Frame	0.1	NO	Wood		
Bath	A	Low Cabinet Door	0.1	NO	Wood		
Bath	A	Low Cabinet Walls	0.2	NO	Wood		
Bath	A	Low Cabinet Shelves	0.2	NO	Wood		
Bath	A	Low Cabinet Supports	0.3	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014
Inspector/Risk Assessor — Lic# — Date

1155 Nantasket Ave — Hull
Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Exterior	A	Siding	Cov	NO	Vinyl		
Exterior	A	Upper Trim	Cov	NO	Aluminum		
Exterior	A	Foundation	0.3	NO	Concrete		
Exterior	A	Drain Pipes	0.3	NO	Aluminum		
Exterior	A	Door	0.2	NO	Metal		
Exterior	A	Door Casing	COV	NO	Wood		
Exterior	A	Door Jamb	0.1	NO	Wood		
Exterior	A	Threshold	0.3	NO	Metal		
Exterior	A	Window Sill	Cov	NO	Aluminum		
Exterior	A	Window Casing	Cov	NO	Aluminum		
Exterior	A	Window Sash	VR	NO	Vinyl Replacement		
Exterior		Columns		NO	Wood		
Exterior		Joists		NO	Wood		
Exterior		Ceiling	Cov	NO	Aluminum		
Exterior	A	Fence	0.2	NO	Wood		
Exterior		Gas Pipes		NO	Metal		
Exterior		Electrical Conduit		NO	Metal		
Shed 1		Siding	Cov	NO	Vinyl		
Shed 1		Upper Trim	Cov	NO	Aluminum		
Shed 1		Door Casing	Cov	NO	Aluminum		
Shed 1		Door Jamb	0.1	NO	Wood		
Shed 1		Columns		NO	Wood		
Shed 1		Foundation	0.3	NO	Concrete		
Shed 2		Siding		NO	Wood		
Shed 2		Upper Trim		NO	Wood		
Shed 2		Corner Boards		NO	Wood		
Shed 2		Lower Trim		NO	Wood		
Shed 2		Door		NO	Wood		
Shed 2		Door Casing		NO	Wood		
Shed 2		Door Jamb		NO	Wood		
Shed 2		Threshold		NO	Metal		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Inspection / Risk Assessment Report

Anthony Jakaitis
Master Lead Paint Inspector
PO BOX 400, South Weymouth, MA 02190
(781) 331-1565

St.#	Street Name	Street Type	Unit
1155	Nantasket	Ave	

City: Hull
Zip Code: 02045

Owners Name: United States Coast Guard c/o Tetra Tech
Owner Address: 45610 Woodland Road, Sterling, VA 20166
Contact Information: Jimmy Kehs
Client Name (if different from owner):
Client Address:

Number of Rooms in Unit 7
Property Type:
- [x] Single Family
- [ ] Multi Family # of Units
- [ ] Condominium # of Units
- [ ] Day Care [ ] Other

Key	Legend Column
COV	Covered
VB	Vinyl Baseboard
MET	Metal
VR	Vinyl Rep. Window
MR	Metal Rep. Window
NA	Not Accessible
NC	No Coating
Tile	Tile (testing suggested)
DC	Dropped Ceiling

Key	Treatment Method	Key	Treatment Method
CAP	Capped	SCR	Scraped
COV	Covered	DIP	Dipped
ENC	Encapsulated	REM	Removed
MI	Made Intact	REP	Replaced
PRE	Prepared for Enc.	REV	Reversed
VR/MR	Vinyl/Metal Rep Window	INT	Intact
SFR	Storm Frame Removed		
[/]	Component Does Not Exist		

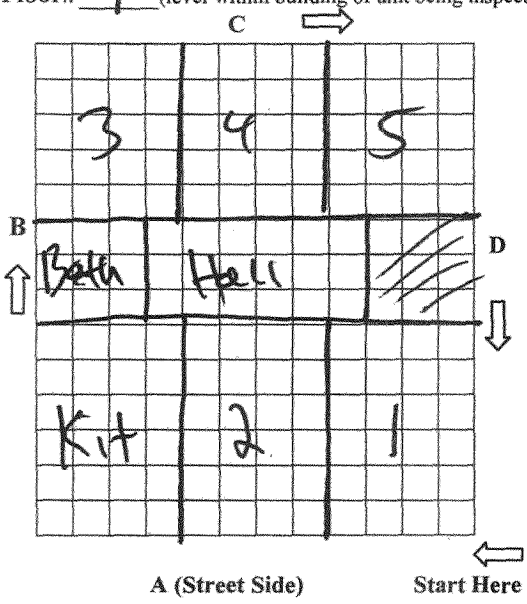
Laundry in Basement? [ ] Yes [x] No
Finished Space in Basement [ ] Yes [x] No

Testing Method Used

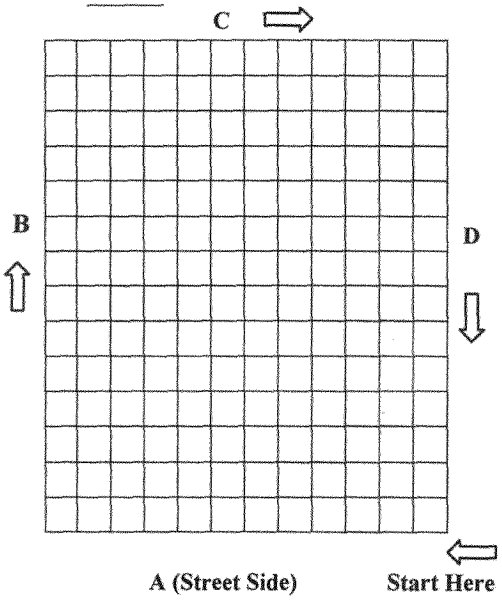
Na_2S Expiration Date:
X-Ray Fluorescence
Model: RMD Serial # 1462

Comments / Notes:

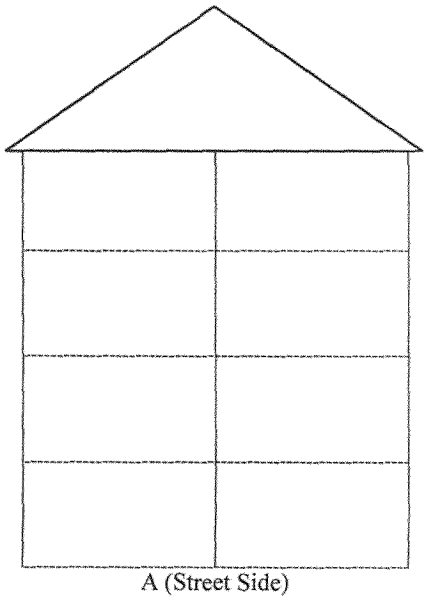
Floor# 1 (level within building of unit being inspected)



Floor#



Property Diagram / Unit Labels



Pb (lead) equal to or greater than 1.0 m/cm^2 with x-ray fluorescence or positive with Na_2S is **Dangerous.**

XRF Calibration Recorded In Log Book	[✓]	✓ - Check off when complete
Address verified through USPS	[✓]	✓ - Check off when complete
Research on Lead Related History for Address	[✓]	✓ - Check off when complete

nthony Jakaitis — M 2929 (License #) — Signature — 10/10/2014

/RA revised 01/12

ADDRESS: 1155 Nantasket Ave, Hull, MA 02045

INSPECTION HISTORY

Determination / Lead Hazards?	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Comprehensive Initial Inspection / Lead Hazards?	Y / N	Inspector Name: Ron Albert, M 1704 Signature_____
Comp Initial w/Partial PCAD / Lead Hazards?	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Addendum (add-on to Initial Inspection) / Lead Hazards?	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Addendum as Full Insp. (Lost Docs) / Lead Hazards?	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Walk Through for Ed/Consultation		Inspector Name:_____, Lic#_____ Signature_____

REINSPECTION HISTORY

Visual Portion of Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Visual Portion of Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Visual Portion of Final Reinspection	P / F	Inspector Name: Signature_____
Visual Portion of Final Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Final Reinsp. (No Reocc)	P / F	Inspector Name: Signature_____
Dust Taken for Final Reinsp. (No Reocc)	P / F	Inspector Name:_____, Lic#_____ Signature_____

INTERIM CONTROL

Risk Assessment / Urgent Pb. Hazards?	Y / N	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment	P / F	R.A. Name:_____, Lic#_____ Signature_____
Visual Portion of Reinspection for Interim Control	P / F	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment Reinsp.	P / F	R.A. Name:_____, Lic#_____ Signature_____
Visual Portion of Reinspection for Interim Control	P / F	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment Reinsp.	P / F	R.A. Name:_____, Lic#_____ Signature_____
Risk Assessment Recertification / Urgent Pb. Hazards?	Y / N	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for RA Recertification	P / F	R.A. Name:_____, Lic#_____ Signature_____

POST COMPLIANCE ASSESSMENT DETERMINATIONS

PCAD / Lead Hazards?	Y / N	Inspector Name: Signature_____
Full Inspection Acting as PCAD 10/10/19 / Lead Hazards?	Y / N	Inspector Name:Anthony Jakaitis, M 2929 Signature_____
Visual Portion of PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____

ADDRESS: 1155 Nantasket Ave, Hull, MA 02045

REOCCUPANCY CERTIFICATE HISTORY

Certificate of Reoccupancy	Inspector Name: Ron Albert, M 1704
Only after High/Mod Risk (# rooms rule)	Signature_____

Certificate of Reoccupancy	Inspector Name:_____, Lic#_____
Only after High/Mod Risk (# rooms rule)	Signature_____

Certificate of Reoccupancy	Inspector Name:_____, Lic#_____
Only after High/Mod Risk (# rooms rule)	Signature_____

COMPLIANCE HISTORY

Letter of Full Initial Compliance	Inspector Name:_____, Lic#_____
No prior history/ No signs of UD	Signature_____

Letter of Interim Control	Inspector Name:_____, Lic#_____
No prior Comp. Expires in 1 yr.	Signature_____

Recertification of Interim Control	Inspector Name:_____, Lic#_____
Expires 2 yrs from original Interim Control	Signature_____

Letter of Full Deleading Compliance	Inspector Name: Ron Albert, M 1704
Dust wipes if No Reocc.	Signature_____

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

COMPLIANCE HISTORY (CONT.)

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

OTHER HISTORY: WAIVERS/UD/EPA RRP

Approved CLPPP Waiver	CLPPP Insp. Name:_____, Lic#_____
Attach to Comp Docs	Signature_____

Approved CLPPP Waiver	CLPPP Insp. Name:_____, Lic#_____
Attach to Comp Docs	Signature_____

UD / DES Visual Reinspection	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

UD / DES Visual Reinspection	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

UD / DES Dust Taken	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

UD/DES Dust Taken	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

EXPLANATION OF LEAD INSPECTION / RISK ASSESSMENT REPORT FORM COLUMNS

This page provides general information needed to understand the lead inspection/risk assessment report. However, you should speak with the inspector/risk assessor before you start to do any work on your home.

SIDE Refers to A, B, C, or D side of the building or room. See the diagram on the cover sheet. The "A" side of the building or room is the side facing the street that gives the property its address (usually, it is the front of the building). Keeping your back to this street, from the "A" side move clockwise to the "B" side on your left, the "C" side opposite you, and the "D" side to the right. Numbering is from left to right.

LOCATION/ SURFACE Refers to the building component(s) being tested. Some surfaces may be made up of more than one part. For example, "Baseboard" may refer to four separate pieces of wood (one on each wall), but is still considered one surface.

LEAD The actual lead result. Each surface tested must have a result recorded in the "Lead" column.

- A number shows that the surface was tested with an XRF analyzer. A number (or average number) equal to or greater than 1.0 mg/cm^2 is a dangerous level of lead.
- A "pos" or "neg" shows that the surface was tested with sodium sulfide. "Pos" means that there is a dangerous level of lead.
- "N/A" means that the inspector was not able to test the surface. Unless the owner can get a sample to test, the inspector must assume the surface contains lead and require it to be deleaded, if necessary.
- "MET" or "MR" means that a metal surface was not tested and only needs to be intact, even if it is a leaded surface. However, metal handrails, metal window sills, and metal railing caps, need to be deleaded if they test equal to or greater than 1.0 mg/cm^2, or is marked "N/A."
- For key to abbreviations like "COV", "VB", "VR" or "MR", "NC", "Tile", "DC", see the cover page.
- When a component box is slashed and there are test results above and below the diagonal line, the result on the "bottom" represents results below 5 ft. and the "top" result indicates the test result above 5 ft.

TYPE OF HAZARD Not all lead paint must be deleaded. This column tells you IF and WHY a surface needs deleading. The deleading standards below may not apply for Interim Controls. Speak to your risk assessor for more information.

- "M/I" circled means that the surface is a moveable/impacted surface and must be deleaded in its entirety.
- "SF" circled indicates that there is a storm frame present which requires the blind stop and exterior sill be deleaded as interior moveable / impacted surfaces.
- "A/M" circled means that the surface is "accessible mouthable" and must be deleaded to a minimum of five feet high, four inches in from the edge or corner.
- "L" circled means that the surface is loose and must, at minimum, be made intact.
- If more than one choice is circled, the rules for deleading may change depending upon what method of deleading you choose. Speak to the inspector for more information.
- "N/A" means the inspector was unable to determine if the surface was a lead hazard. The person doing the deleading must check this surface and follow all the rules for deleading. Speak to the inspector for more information.
- If nothing is circled in the column, then it is likely the surface does not need deleading. Speak to the inspector for more information. Remember, this does not mean the entire surface is lead free, it just does not require deleading in its current condition.

URG HAZ? This column is only completed during a risk assessment. A risk assessment is an evaluation of a home's suitability for Interim Control. **Only a licensed risk assessor can do a risk assessment, not all inspectors are risk assessors.** If "Y" is circled, then this surface is considered an "Urgent Lead Hazard" and some type of deleading work is required to qualify for Interim Control.

IC DATE The date the licensed risk assessor determines the surface meets the standards for Interim Control.

IC METH The deleading method or structural repair done to qualify the surface for Interim Control. Refer to the deleading codes key on the cover page.

DELEAD DATE The date that the lead inspector reinspects the surface and finds that it has been successfully brought back into compliance.

DELEAD METH The method used to bring a surface into full compliance. Refer to codes in the Key on the cover page of the PCAD

EXCLUDED SURFACES The amount of loose paint on a surface as measured by the lead inspector. "N/A" means that the inspector was not able to measure the loose paint, but has determined it is more than the cut-off for moderate risk making intact.

Anthony Jakaitis — M 2929 — 10/10/2014
Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1155 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.3	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.2	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Cov	A/M L N/A	Y				
	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	0.1	A/M L N/A	Y				
3	Cl Supports	0.1	A/M L N/A	Y				
4	Closet Floor	Cov	A/M L N/A	Y				
	Closet Ceiling	0.2	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.3	M/I A/M L N/A	Y				
	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.3	M/I A/M L N/A	Y				
B	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	/	M/I A/M L N/A	Y				
B	Win Apron	/	A/M L N/A	Y				
C	Win Casing	/	A/M L N/A	Y				
D	Header Stop	/	M/I A/M L N/A	Y				
	Int Stops	/	M/I A/M L N/A	Y				
1	Win Int Sash	/	M/I A/M L N/A	Y				
2	Exterior Sill	/	M/I SF L N/A	Y				
3	Part Bead	/	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	/	M/I L N/A	Y				
A B	Fireplace	/	A/M L N/A	Y				
C D	Mantle	/	A/M L N/A	Y				
A B C D	Win Above 5'	/	A/M L N/A	Y				
	Ceiling Molding	/	A/M L N/A	Y				
		/	A/M L N/A	Y				
		/	A/M L N/A	Y				
		/	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1155 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 2

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.2	A/M L N/A	Y				
A B C D	Low Walls	.	A/M L N/A	Y				
A B C D	Baseboards	0.2	A/M L N/A	Y				
A B C D	Chair Rail	.	A/M L N/A	Y				
A B C D	Radiator	.	A/M L N/A	Y				
	Floor	Cov	A/M L N/A	Y				
	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	0.1	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing	.	A/M L N/A	Y				
1 2	Door Jamb		A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	.	A/M L N/A	Y				
B	Cl Casing	.	A/M L N/A	Y				
C	Closet Jamb	.	A/M L N/A	Y				
D	Closet Walls	.	A/M L N/A	Y				
	Cl Baseboard	.	A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf	.	A/M L N/A	Y				
3	Cl Supports	.	A/M L N/A	Y				
4	Closet Floor	.	A/M L N/A	Y				
	Closet Ceiling	.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.4	M/I A/M L N/A	Y				
	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron		A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	.	A/M L N/A	Y				
C D	Mantle		A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding		A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

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SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1153 Nantasket Ave — Apt. — Hull, MA 02045

Kitchen w/ Laundry Hookup

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.2	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Con	A/M L N/A	Y				
	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold	0.1	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A	Closet Door	/	A/M L N/A	Y				
B	Cl Casing	/	A/M L N/A	Y				
C	Closet Jamb	/	A/M L N/A	Y				
D	Closet Walls	/	A/M L N/A	Y				
	Cl Baseboard	/	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	/	A/M L N/A	Y				
3	Cl Supports	/	A/M L N/A	Y				
4	Closet Floor	/	A/M L N/A	Y				
	Closet Ceiling	/	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.3	M/I A/M L N/A	Y				
	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.2	A/M L N/A	Y				
D	Header Stop	0.2	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.2	A/M L N/A	Y				
D	Header Stop	0.2	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A B	Up Cab Frame	0.2	A/M L N/A	Y				
C D	Up Cab Door	0.4	A/M L N/A	Y				
	Up Cab Walls	0.3	A/M L N/A	Y				
1 2	Up Cab Shlvs	0.3	A/M L N/A	Y				
3 4	Supports	0.1	A/M L N/A	Y				
	Low Cab Fram	0.1	A/M L N/A	Y				
A B	Low Cab Door	0.2	A/M L N/A	Y				
C D	Low Cab Walls	0.2	A/M L N/A	Y				
	Low Cab Shlvs	0.3	A/M L N/A	Y				
1 2	Supports	0.3	A/M L N/A	Y				
3 4	Drawers	0.2	A/M L N/A	Y				
A B C D	Win Above 5'	/	M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				
C	Access	0.1	M/I A/M L N/A	Y				
	Panel		M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis | M 2929 | | 10/10/2014
Inspector (print) | Lic # | Signature | Date

Risk Assessor (print) | Lic# | Signature | Date

Address of Property: 1155 Nantasket Ave Apt. Hull, MA 02045

BATHROOM # 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.2	A/M L N/A	Y				
A B C D	Low Walls	.	A/M L N/A	Y				
A B C D	Baseboards	0.3	A/M L N/A	Y				
A B C D	Chair Rail	.	A/M L N/A	Y				
A B C D	Radiator	.	A/M L N/A	Y				
	Floor	CW	A/M L N/A	Y				
	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M	Y				
3 4	Threshold	0.3	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing	.	A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	.	A/M L N/A	Y				
B	Cl Casing	.	A/M L N/A	Y				
C	Closet Jamb	.	A/M L N/A	Y				
D	Closet Walls	.	A/M L N/A	Y				
	Cl Baseboard	.	A/M L N/A	Y				
1	Closet Pole	.	A/M L N/A	Y				
2	Closet Shelf	.	A/M L N/A	Y				
3	Cl Supports	.	A/M L N/A	Y				
4	Closet Floor	.	A/M L N/A	Y				
	Closet Ceiling		A/M L N/A	Y				
A B	Up Cab Frame	.	A/M L N/A	Y				
C D	Up Cab Door	.	A/M L N/A	Y				
	Up Cab Walls	.	A/M L N/A	Y				
1 2	Up Cab Shlvs	.	A/M L N/A	Y				
3 4	Supports	.	A/M L N/A	Y				
		.	M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Low Cab Fram	0.1	A/M L N/A	Y				
	Low Cab Door	0.1	A/M L N/A	Y				
C D	Low Cab Walls	0.2	A/M L N/A	Y				
	Low Cab Shlvs	0.2	A/M L N/A	Y				
1 2	Supports	0.3	A/M L N/A	Y				
3 4	Drawers	0.3	A/M L N/A	Y				
A	Window Sill		M/I A/M L N/A	Y				
B	Win Apron		A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop		M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'		M/I A/M L NA	Y				
A B C D	Ceiling Molding		M/I A/M L NA	Y				
A B C D	Medicine Cab	0.2	M/I A/M L NA	Y				
A B C D	Wall O/C		M/I A/M L NA	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
		.	M/I A/M L NA	Y				
		.	M/I A/M L NA	Y				
		.	M/I A/M L NA	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — M 2929 — 10/10/2014
Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 115 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 3

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	CON	A/M L N/A	Y				
	Ceiling	0.3	A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.4	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.3	A/M L N/A	Y				
B	Cl Casing	0.3	A/M L N/A	Y				
C	Closet Jamb	0.1	A/M L N/A	Y				
D	Closet Walls	0.1	A/M L N/A	Y				
	Cl Baseboard	0.2	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	0.3	A/M L N/A	Y				
3	Cl Supports	0.3	A/M L N/A	Y				
4	Closet Floor	CON	A/M L N/A	Y				
	Closet Ceiling	0.2	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.2	M/I A/M L N/A	Y				
B	Win Apron	0.2	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	.	A/M L N/A	Y				
C D	Mantle	.	A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding	/	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — M 2929 — 10/10/2014
Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1155 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 4

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Con	A/M L N/A	Y				
	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.4	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.4	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.3	M/I A/M L N/A	Y				
	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	.	A/M L N/A	Y				
C D	Mantle	.	A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding		A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — M 2929 — 10/10/2014
Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1155 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 5

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	0.1	A/M L N/A	Y				
	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A	Closet Door	0.4	A/M L N/A	Y				
B	Cl Casing	0.3	A/M L N/A	Y				
C	Closet Jamb	0.3	A/M L N/A	Y				
D	Closet Walls	0.1	A/M L N/A	Y				
	Cl Baseboard	0.1	A/M L N/A	Y				
1	Closet Pole	0.2	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.3	A/M L N/A	Y				
4	Closet Floor	0.1	A/M L N/A	Y				
	Closet Ceiling	0.1	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.2	M/I A/M L N/A	Y				
	Win Apron	0.2	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.2	M/I A/M L N/A	Y				
B	Win Apron	0.2	A/M L N/A	Y				
C	Win Casing	0.4	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	/	M/I A/M L N/A	Y				
B	Win Apron	/	A/M L N/A	Y				
C	Win Casing	/	A/M L N/A	Y				
D	Header Stop	/	M/I A/M L N/A	Y				
	Int Stops	/	M/I A/M L N/A	Y				
1	Win Int Sash	/	M/I A/M L N/A	Y				
2	Exterior Sill	/	M/I SF L N/A	Y				
3	Part Bead	/	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	/	M/I L N/A	Y				
A B	Fireplace	/	A/M L N/A	Y				
C D	Mantle	/	A/M L N/A	Y				
A B C D	Win Above 5'	/	A/M L N/A	Y				
	Ceiling Molding	/	A/M L N/A	Y				
		/	A/M L N/A	Y				
		/	A/M L N/A	Y				
		/	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1155 Nantasket Ave — Apt. — Hull, MA 02045

HALLWAY: 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Carp	A/M L N/A	Y				
	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.4	A/M L N/A	Y				
3 4	Threshold	0.3	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
#1	Door Jamb	0.2	A/M L N/A	Y				
	Threshold	/	A/M L N/A	Y				
A	Closet Door	0.3	A/M L N/A	Y				
B	Cl Casing	0.3	A/M L N/A	Y				
C	Closet Jamb	0.1	A/M L N/A	Y				
D	Closet Walls	0.1	A/M L N/A	Y				
	Cl Baseboard	/	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	/	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	0.2	A/M L N/A	Y				
	Closet Ceiling	0.4	A/M L N/A	Y				

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Closet Door	0.3	A/M L N/A	Y				
	Cl Casing	0.3	A/M L N/A	Y				
C	Closet Jamb	0.1	A/M L N/A	Y				
D	Closet Walls	0.1	A/M L N/A	Y				
	Cl Baseboard	0.2	A/M L N/A	Y				
1	Closet Pole	0.2	A/M L N/A	Y				
2	Closet Shelf	0.3	A/M L N/A	Y				
3	Cl Supports	0.3	A/M L N/A	Y				
4	Closet Floor	Carp	A/M L N/A	Y				
	Closet Ceiling	0.2	A/M L N/A	Y				
A	Window Sill		M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'	.	M/I A/M L N/A	Y				
A B C D	Ceiling Molding		M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — M 2929 — 10/10/2014
Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1155 Nantasket Ave — Apt. — Hull, MA 02045

HALLWAY: 1 Cont..

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	.	A/M L N/A	Y				
A B C D	Low Walls	.	A/M L N/A	Y				
A B C D	Baseboards		A/M L N/A	Y				
A B C D	Chair Rail	.	A/M L N/A	Y				
A B C D	Radiator	.	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Ceiling		A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold		A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
#	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.3	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole	.	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	Cont	A/M L N/A	Y				
	Closet Ceiling	OH	A/M L N/A	Y				

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Closet Door	0.3	A/M L N/A	Y				
	Cl Casing	0.3	A/M L N/A	Y				
C	Closet Jamb	0.1	A/M L N/A	Y				
D	Closet Walls	0.1	A/M L N/A	Y				
	Cl Baseboard	0.2	A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf	0.3	A/M L N/A	Y				
3	Cl Supports	0.3	A/M L N/A	Y				
4	Closet Floor	Cont	A/M L N/A	Y				
	Closet Ceiling	0.1	A/M L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'		M/I A/M L N/A	Y				
A B C D	Ceiling Molding		M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — M 2929 — Signature — 10/10/2014
Inspector (print) — Lic # — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1155 Nantasket Ave — Apt. — Hull, MA 02045

EXTERIOR A Side

SIDE A	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Siding	con	L N/A	Y				
	Corner Boards	con	L N/A	Y				
	Lower Trim	con	L N/A	Y				
	Upper Trim	con	L N/A	Y				
	Win Above 5'	con	L N/A	Y				
	Porch Above 5'	/	L N/A	Y				
A 1 2 3 4	Storm Door	0.2	A/M L N/A	Y				
	Door	0.3	A/M L N/A	Y				
	Door Casing	con	A/M L N/A	Y				
	Door Jamb	0.1	A/M L N/A	Y				
	Threshold	0.1	A/M L N/A	Y				
	Kickplate	0.2	A/M L N/A	Y				
A 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
A 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
A #	Window Sill	con	A/M L N/A	Y				
	Win Casing	con	A/M L N/A	Y				
	Window Sash	VR	A/M L N/A	Y				
A #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE A	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
A #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A	Foundation	0.3	L N/A	Y				
	Bulkhead	/	A/M L N/A	Y				
	Fences	0.2	A/M L N/A	Y				
	Shutters	/	A/M L N/A	Y				
A	Newel post	.	A/M L N/A	Y				
	Railing Cap		A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
A	Drain Pipes	0.3	L N/A	Y				
	Elec Conduit	0.3	L N/A	Y				
	Oil Fill Pipe	/	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE A	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
A				
A				
A				
A				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1155 Nantasket Ave — Apt. — Hull, MA 02045

EXTERIOR B Side

SIDE B	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
B	Siding	COV	L N/A	Y				
	Corner Boards	COV	L N/A	Y				
	Lower Trim	COV	L N/A	Y				
	Upper Trim	COV	L N/A	Y				
	Win Above 5'	COV	L N/A	Y				
	Porch Above 5'		L N/A	Y				
B 1 2 3 4	Storm Door	0.3	A/M L N/A	Y				
	Door	0.2	A/M L N/A	Y				
	Door Casing	COV	A/M L N/A	Y				
	Door Jamb	0.2	A/M L N/A	Y				
	Threshold	0.1	A/M L N/A	Y				
	Kickplate	0.1	A/M L N/A	Y				
B 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
B 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
B #1	Window Sill	COV	A/M L N/A	Y				
	Win Casing	COV	A/M L N/A	Y				
	Window Sash	VL	A/M L N/A	Y				
B #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash		A/M L N/A	Y				
B #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
B	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE B	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
B #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
B #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B	Foundation	0.3	L N/A	Y				
	Columns	0.9	A/M L N/A	Y				
	Joists	0.2	A/M L N/A	Y				
	Ceiling	COV	A/M L N/A	Y				
B	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
B	Drain Pipes	0.3	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Oil Fill Pipe	.	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE B	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
B				
B				
B				
B				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1155 Nantasket Ave Apt. Hull, MA 02045

EXTERIOR C Side

SIDE C	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
C	Siding	CON	L N/A	Y				
	Corner Boards	CON	L N/A	Y				
	Lower Trim	CON	L N/A	Y				
	Upper Trim	CON	L N/A	Y				
	Win Above 5'	CON	L N/A	Y				
	Porch Above 5'		L N/A	Y				
C 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
C 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
C 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
C #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C #3	Window Sill	CON	A/M L N/A	Y				
	Win Casing	CON	A/M L N/A	Y				
	Window Sash	CON	A/M L N/A	Y				
C #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE C	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
C #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C	Foundation	01	L N/A	Y				
	Bulkhead		A/M L N/A	Y				
	Fences	03	A/M L N/A	Y				
	Shutters		A/M L N/A	Y				
C	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
C	Drain Pipes	02	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Oil Fill Pipe	.	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE C	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
C				
C				
C				
C				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1155 Nantasket Ave — Apt. — Hull, MA 02045

EXTERIOR D Side

SIDE D	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
D	Siding	con	L N/A	Y				
	Corner Boards	con	L N/A	Y				
	Lower Trim	con	L N/A	Y				
	Upper Trim	con	L N/A	Y				
	Win Above 5'	con	L N/A	Y				
	Porch Above 5'		L N/A	Y				
D 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
D 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
D 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
D #2	Window Sill	con	A/M L N/A	Y				
	Win Casing	con	A/M L N/A	Y				
	Window Sash	con	A/M L N/A	Y				
D #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE D	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
D #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D	Foundation	0.3	L N/A	Y				
	Bulkhead		A/M L N/A	Y				
	Fences	0.3	A/M L N/A	Y				
	Shutters		A/M L N/A	Y				
D	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads		A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
D	Drain Pipes	.	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Gas Pipe	0.1	L N/A	Y				
	Overhang Trim		A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE D	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
D				
D				
D				
D				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakalus — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1155 Nanatasket Ave — Apt. — Hull

Shed 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B	Siding	Con	L N/A	Y				
C D	Corner Boards	Con	L N/A	Y				
	Upper Trim	Con	L N/A	Y				
	Ceiling	.	L N/A	Y				
	Joists	.	L N/A	Y				
A	Door	0.1	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	Con	A/M L N/A	Y				
D	Door Jamb	0.1	A/M L N/A	Y				
1 2	Threshold	0.3	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
A	Door	.	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	.	A/M L N/A	Y				
D	Door Jamb	.	A/M L N/A	Y				
2	Threshold	.	A/M L N/A	Y				
4	Kickplate	.	A/M L N/A	Y				
B	Window Sill	.	A/M L N/A	Y				
D	Win Casing	.	A/M L N/A	Y				
2	Window Sash	.	A/M L N/A	Y				
4	Mullions	.	A/M L N/A	Y				
B	Window Sill	.	A/M L N/A	Y				
D	Win Casing	.	A/M L N/A	Y				
2	Window Sash	.	A/M L N/A	Y				
4	Mullions	.	A/M L N/A	Y				
B	Window Sill	.	A/M L N/A	Y				
D	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
	Mullions	.	A/M L N/A	Y				
	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
	Mullions	.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
	Support Clmns	0.2	A/M L N/A	Y				
	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail	.	A/M L N/A	Y				
	Balusters	.	A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads		A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lower Walls		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
	Lower Trim	.	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Sidelites	.	A/M L N/A	Y				
		.	A/M L N/A	Y				
	Foundation	0.3	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Inspector (print) | Lic # M 2929 | Signature | Date 10/10/2014

Risk Assessor (print) | Lic # | Signature | Date

Address of Property: 1155 Nanatasket Ave Apt. Hull

Shed 2

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B	Siding	0.2	L N/A	Y				
C D	Corner Boards	0.4	L N/A	Y				
	Upper Trim	0.3	L N/A	Y				
	Ceiling		L N/A	Y				
	Joists	.	L N/A	Y				
A	Door	0.1	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	0.1	A/M L N/A	Y				
D	Door Jamb	0.2	A/M L N/A	Y				
1 2	Threshold	0.2	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
A	Door	.	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	.	A/M L N/A	Y				
D	Door Jamb	.	A/M L N/A	Y				
1 2	Threshold	.	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
B	Window Sill	.	A/M L N/A	Y				
D	Win Casing		A/M L N/A	Y				
2	Window Sash	.	A/M L N/A	Y				
4	Mullions	.	A/M L N/A	Y				
B	Window Sill	.	A/M L N/A	Y				
D	Win Casing		A/M L N/A	Y				
2	Window Sash	.	A/M L N/A	Y				
4	Mullions	.	A/M L N/A	Y				
3	Window Sill	.	A/M L N/A	Y				
D	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
	Mullions	.	A/M L N/A	Y				
	Window Sill	.	A/M L N/A	Y				
D	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
	Mullions	.	A/M L N/A	Y				

MMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
	Support Clmns	.	A/M L N/A	Y				
	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail	.	A/M L N/A	Y				
	Balusters	.	A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads		A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lower Walls		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
	Lower Trim	0.3	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Sidelites	.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Lead Paint Assessment Summary

Anthony Jakaitis — Inspector/Risk Assessor
M 2929/R 2929 — Lic#
10/10/2014 — Date

1157 Nantasket Ave — Address of Property
Apt#
Hull — City
Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
1	ABCD	Walls	0.3	NO	Dry Wall		
1	ABCD	Baseboards	0.2	NO	Wood		
1		Floor	COV	NO			
1		Ceiling	0.2	NO	Dry Wall		
1	C	Door	0.1	NO	Wood		
1	C	Door Casing	0.1	NO	Wood		
1	C	Door Jamb	0.3	NO	Wood		
1	A	Window Sill	0.3	NO	Wood		
1	A	Window Casing	0.1	NO	Wood		
1	A	Window Stops	0.2	NO	Wood		
1	A	Window Sash	VR	NO	Vinyl Replacement		
1	C	Closet Shelves	0.1	NO	Wood		
1	C	Closet Supports	0.1	NO	Wood		
2	ABCD	Walls	0.2	NO	Dry Wall		
2	ABCD	Baseboards	0.2	NO	Wood		
2		Floor	COV	NO			
2		Ceiling	0.1	NO	Dry Wall		
2	A	Door	0.1	NO	Wood		
2	A	Door Casing	0.3	NO	Wood		
2	A	Door Jamb	0.3	NO	Wood		
2	A	Window Sill	0.1	NO	Wood		
2	A	Window Casing	0.3	NO	Wood		
2	A	Window Stops	0.1	NO	Wood		
2	A	Window Sash	VR	NO	Vinyl Replacement		
2		Closet Shelves		NO	Wood		
2		Closet Supports		NO	Wood		
3	ABCD	Walls	0.1	NO	Dry Wall		
3	ABCD	Baseboards	0.1	NO	Wood		
3		Floor	COV	NO			
3		Ceiling	0.3	NO	Dry Wall		
3	A	Door	0.2	NO	Wood		
3	A	Door Casing	0.3	NO	Wood		
3	A	Door Jamb	0.3	NO	Wood		
3	B	Window Sill	0.3	NO	Wood		
3	B	Window Casing	0.1	NO	Wood		
3	B	Window Stops	0.2	NO	Wood		
3	B	Window Sash	VR	NO	Vinyl Replacement		
3	D	Closet Shelves	0.1	NO	Wood		
3	D	Closet Supports	0.2	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014
Inspector/Risk Assessor — Lic# — Date

1157 Nantasket Ave — Hull
Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
4	ABCD	Walls	0.2	NO	Dry Wall		
4	ABCD	Baseboards	0.1	NO	Wood		
4		Floor	COV	NO			
4		Ceiling	0.1	NO	Dry Wall		
4	A	Door	0.2	NO	Wood		
4	A	Door Casing	0.3	NO	Wood		
4	A	Door Jamb	0.3	NO	Wood		
4	C	Window Sill	0.1	NO	Wood		
4	C	Window Casing	0.2	NO	Wood		
4	C	Window Stops	0.3	NO	Wood		
4	C	Window Sash	VR	NO	Vinyl Replacement		
4	B	Closet Shelves	0.2	NO	Wood		
4	B	Closet Supports	0.2	NO	Wood		
5	ABCD	Walls	0.1	NO	Dry Wall		
5	ABCD	Baseboards	0.1	NO	Wood		
5		Floor	COV	NO			
5		Ceiling	0.1	NO	Dry Wall		
5	A	Door	0.1	NO	Wood		
5	A	Door Casing	0.3	NO	Wood		
5	A	Door Jamb	0.3	NO	Wood		
5	C	Window Sill	0.2	NO	Wood		
5	C	Window Casing	0.3	NO	Wood		
5	C	Window Stops	0..1	NO	Wood		
5	C	Window Sash	VR	NO	Vinyl Replacement		
5	B	Closet Shelves	0.2	NO	Wood		
5	B	Closet Supports	0.3	NO	Wood		
Hall	ABCD	Walls	0.1	NO	Dry Wall		
Hall	ABCD	Baseboards	0.1	NO	Wood		
Hall		Floor	COV	NO			
Hall		Ceiling	0.2	NO	Dry Wall		
Hall	A	Door	0.3	NO	Wood		
Hall	A	Door Casing	0.1	NO	Wood		
Hall	A	Door Jamb	0.1	NO	Wood		
Hall		Closet Shelves		NO	Wood		
Hall	A	Closet Supports	0.1	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014
Inspector/Risk Assessor — Lic# — Date

1157 Nantasket Ave — Hull
Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Kitchen	ABCD	Walls	0.2	NO	Dry Wall		
Kitchen	ABCD	Baseboards	0.1	NO	Wood		
Kitchen		Floor	COV	NO			
Kitchen		Ceiling	0.3	NO	Dry Wall		
Kitchen	B	Door	0.3	NO	Wood		
Kitchen	B	Door Casing	0.1	NO	Wood		
Kitchen	B	Door Jamb	0.1	NO	Wood		
Kitchen	A	Window Sill	0.1	NO	Wood		
Kitchen	A	Window Casing	0.2	NO	Wood		
Kitchen	A	Window Stops	0.3	NO	Wood		
Kitchen	A	Window Sash	VR	NO	Vinyl Replacement		
	ACD	Up Cabinet Frame	0.1	NO	Wood		
Kitchen	ACD	Up Cabinet Door	0.1	NO	Wood		
Kitchen	ACD	Up Cabinet Walls	0.2	NO	Dry Wall		
Kitchen	ACD	Up Cabinet Shelves	0.2	NO	Wood		
Kitchen	ACD	Up Cabinet Supports	0.3	NO			
Kitchen	ACD	Low Cabinet Frame	0.3	NO	Dry Wall		
Kitchen	ACD	Low Cabinet Door	0.1	NO	Wood		
Kitchen	ACD	Low Cabinet Walls	0.1	NO	Wood		
Kitchen	ACD	Low Cabinet Shelves	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Supports	0.2	NO	Wood		
Kitchen	ACD	Drawers	0.3	NO	Wood		
Bath	ABCD	Walls	0.1	NO	Dry Wall		
Bath	ABCD	Baseboards	0.1	NO	Wood		
Bath		Floor	COV	NO			
Bath		Ceiling	0.1	NO	Dry Wall		
Bath	CD	Walls	0.2	NO	Dry Wall		
Bath	CD	Door	0.1	NO	Wood		
Bath	CD	Door Casing	0.3	NO	Wood		
Bath	CD	Door Jamb	0.3	NO	Wood		
Bath		Window Sill		NO	Wood		
Bath		Window Casing		NO	Wood		
Bath		Window Stops		NO	Wood		
Bath		Window Sash	VR	NO	Vinyl Replacement		
Bath	A	Medicine Cabinet	0.2	NO	Metal		
Bath	A	Low Cabinet Frame	0.2	NO	Wood		
Bath	A	Low Cabinet Door	0.2	NO	Wood		
Bath	A	Low Cabinet Walls	0.1	NO	Wood		
Bath	A	Low Cabinet Shelves	0.1	NO	Wood		
Bath	A	Low Cabinet Supports	0.3	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — Inspector/Risk Assessor
M 2929/R 2929 — Lic#
10/10/2014 — Date

1157 Nantasket Ave — Address of Property
Apt#
Hull — City
Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Exterior	A	Siding	Cov	NO	Vinyl		
Exterior	A	Upper Trim	Cov	NO	Aluminum		
Exterior	A	Foundation	0.3	NO	Concrete		
Exterior	A	Drain Pipes	0.3	NO	Aluminum		
Exterior	A	Door	0.3	NO	Metal		
Exterior	A	Door Casing	COV	NO	Wood		
Exterior	A	Door Jamb	0.2	NO	Wood		
Exterior	A	Threshold	0.2	NO	Metal		
Exterior	A	Window Sill	Cov	NO	Aluminum		
Exterior	A	Window Casing	Cov	NO	Aluminum		
Exterior	A	Window Sash	VR	NO	Vinyl Replacement		
Exterior		Columns		NO	Wood		
Exterior		Joists		NO	Wood		
Exterior		Ceiling	Cov	NO	Aluminum		
Exterior	A	Fence	0.2	NO	Wood		
Exterior		Gas Pipes		NO	Metal		
Exterior		Electrical Conduit		NO	Metal		
Shed 1		Siding	Cov	NO	Vinyl		
Shed 1		Upper Trim	Cov	NO	Aluminum		
Shed 1		Door Casing	Cov	NO	Aluminum		
Shed 1		Door Jamb	0.1	NO	Wood		
Shed 1		Columns		NO	Wood		
Shed 1		Foundation	0.3	NO	Concrete		
Shed 2		Siding		NO	Wood		
Shed 2		Upper Trim		NO	Wood		
Shed 2		Corner Boards		NO	Wood		
Shed 2		Lower Trim		NO	Wood		
Shed 2		Door		NO	Wood		
Shed 2		Door Casing		NO	Wood		
Shed 2		Door Jamb		NO	Wood		
Shed 2		Threshold		NO	Metal		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Inspection / Risk Assessment Report

Anthony Jakaitis
Master Lead Paint Inspector
PO BOX 400, South Weymouth, MA 02190
(781) 331-1565

St.#	Street Name	Street Type	Unit
1157	Nantasket	Ave	

City: Hull
Zip Code: 02045

Owners Name: United States Coast Guard c/o Tetra Tech
Owner Address: 45610 Woodland Road, Sterling, VA 20166
Contact Information: Jimmy Kehs
Client Name (if different from owner):
Client Address:

Number of Rooms in Unit 7
Property Type:
- [x] Single Family
- [ ] Multi Family # of Units
- [ ] Condominium # of Units
- [ ] Day Care [ ] Other

Key	Legend Column
COV	Covered
VB	Vinyl Baseboard
MET	Metal
VR	Vinyl Rep. Window
MR	Metal Rep. Window
NA	Not Accessible
NC	No Coating
Tile	Tile (testing suggested)
DC	Dropped Ceiling

Key	Treatment Method	Key	Treatment Method
CAP	Capped	SCR	Scraped
COV	Covered	DIP	Dipped
ENC	Encapsulated	REM	Removed
MI	Made Intact	REP	Replaced
PRE	Prepared for Enc.	REV	Reversed
VR/MR	Vinyl/Metal Rep Window	INT	Intact
SFR	Storm Frame Removed		
[/]	Component Does Not Exist		

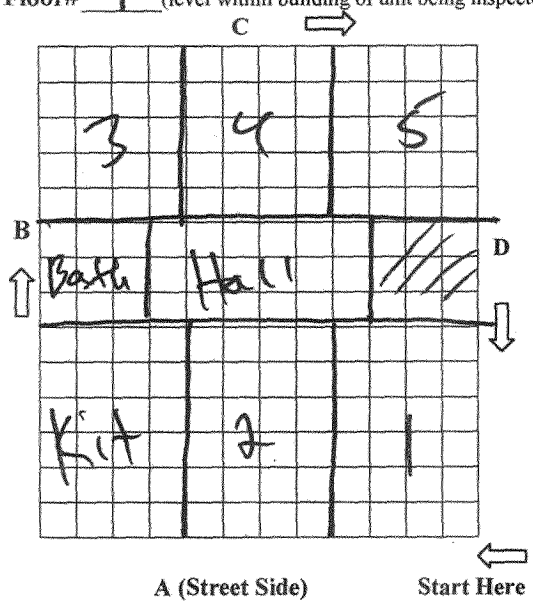
Laundry in Basement? [ ] Yes [x] No
Finished Space in Basement [ ] Yes [x] No

Testing Method Used

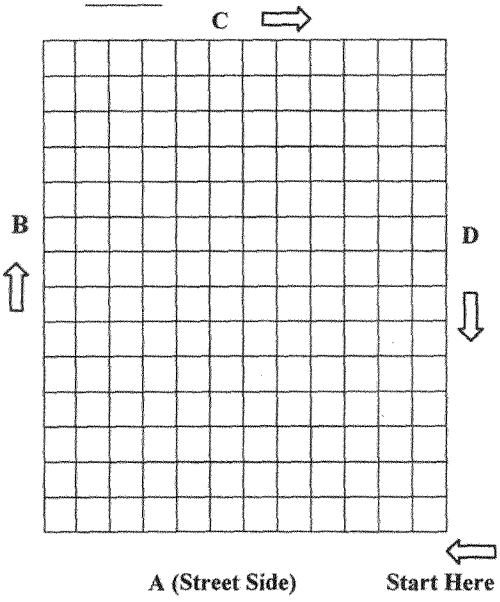
Na_2S Expiration Date:
X-Ray Fluorescence
Model: RMD Serial # 1462

Comments / Notes:

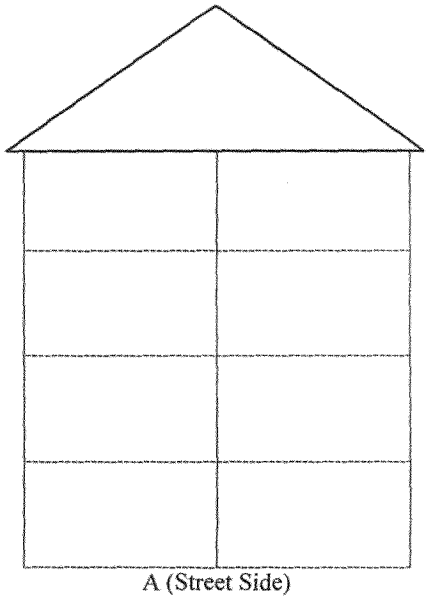
Floor# 1 (level within building of unit being inspected)



Floor#



Property Diagram / Unit Labels



Pb (lead) equal to or greater than 1.0 m/cm^2 with x-ray fluorescence or positive with Na_2S is **Dangerous.**

- XRF Calibration Recorded In Log Book [✓] ✓ - Check off when complete
- Address verified through USPS [✓] ✓ - Check off when complete
- Research on Lead Related History for Address [✓] ✓ - Check off when complete

nthony Jakaitis | M 2929 (License #) | Signature | 10/10/2014

/RA revised 01/12

ADDRESS: 1157 Nantasket Ave, Hull, MA 02045

INSPECTION HISTORY

Determination / Lead Hazards?	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Comprehensive Initial Inspection / Lead Hazards?	Y / N	Inspector Name: Ron Albert, M 1704 Signature_____
Comp Initial w/Partial PCAD / Lead Hazards?	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Addendum (add-on to Initial Inspection) / Lead Hazards?	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Addendum as Full Insp. (Lost Docs) / Lead Hazards?	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Walk Through for Ed/Consultation		Inspector Name:_____, Lic#_____ Signature_____

REINSPECTION HISTORY

Visual Portion of Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Visual Portion of Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Visual Portion of Final Reinspection	P / F	Inspector Name: Signature_____
Visual Portion of Final Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Final Reinsp. (No Reocc)	P / F	Inspector Name: Signature_____
Dust Taken for Final Reinsp. (No Reocc)	P / F	Inspector Name:_____, Lic#_____ Signature_____

INTERIM CONTROL

Risk Assessment / Urgent Pb. Hazards?	Y / N	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment	P / F	R.A. Name:_____, Lic#_____ Signature_____
Visual Portion of Reinspection for Interim Control	P / F	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment Reinsp.	P / F	R.A. Name:_____, Lic#_____ Signature_____
Visual Portion of Reinspection for Interim Control	P / F	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment Reinsp.	P / F	R.A. Name:_____, Lic#_____ Signature_____
Risk Assessment Recertification / Urgent Pb. Hazards?	Y / N	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for RA Recertification	P / F	R.A. Name:_____, Lic#_____ Signature_____

POST COMPLIANCE ASSESSMENT DETERMINATIONS

PCAD / Lead Hazards?	Y / N	Inspector Name: Signature_____
Full Inspection Acting as PCAD 10/01/14 / Lead Hazards?	Y / N	Inspector Name:Anthony Jakaitis, M 2929 Signature_____
Visual Portion of PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____

ADDRESS: 1157 Nantasket Ave, Hull, MA 02045

REOCCUPANCY CERTIFICATE HISTORY

Certificate of Reoccupancy	Inspector Name: Michael Coyle, 2693
Only after High/Mod Risk (# rooms rule)	Signature_____

Certificate of Reoccupancy	Inspector Name:_____, Lic#_____
Only after High/Mod Risk (# rooms rule)	Signature_____

Certificate of Reoccupancy	Inspector Name:_____, Lic#_____
Only after High/Mod Risk (# rooms rule)	Signature_____

COMPLIANCE HISTORY

Letter of Full Initial Compliance	Inspector Name:_____, Lic#_____
No prior history/ No signs of UD	Signature_____

Letter of Interim Control	Inspector Name:_____, Lic#_____
No prior Comp. Expires in 1 yr.	Signature_____

Recertification of Interim Control	Inspector Name:_____, Lic#_____
Expires 2 yrs from original Interim Control	Signature_____

Letter of Full Deleading Compliance	Inspector Name: Ron Albert, M 1704
Dust wipes if No Reocc.	Signature_____

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

COMPLIANCE HISTORY (CONT.)

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

OTHER HISTORY: WAIVERS/UD/EPA RRP

Approved CLPPP Waiver	CLPPP Insp. Name:_____, Lic#_____
Attach to Comp Docs	Signature_____

Approved CLPPP Waiver	CLPPP Insp. Name:_____, Lic#_____
Attach to Comp Docs	Signature_____

UD / DES Visual Reinspection	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

UD / DES Visual Reinspection	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

UD / DES Dust Taken	P / F	Inspector Name:_____, Lic#_____
No LOC Issued		Signature_____

UD/DES Dust Taken	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

EXPLANATION OF LEAD INSPECTION / RISK ASSESSMENT REPORT FORM COLUMNS

This page provides general information needed to understand the lead inspection/risk assessment report. However, you should speak with the inspector/risk assessor before you start to do any work on your home.

SIDE Refers to A, B, C, or D side of the building or room. See the diagram on the cover sheet. The "A" side of the building or room is the side facing the street that gives the property its address (usually, it is the front of the building). Keeping your back to this street, from the "A" side move clockwise to the "B" side on your left, the "C" side opposite you, and the "D" side to the right. Numbering is from left to right.

LOCATION/ SURFACE Refers to the building component(s) being tested. Some surfaces may be made up of more than one part. For example, "Baseboard" may refer to four separate pieces of wood (one on each wall), but is still considered one surface.

LEAD The actual lead result. Each surface tested must have a result recorded in the "Lead" column.

- A number shows that the surface was tested with an XRF analyzer. A number (or average number) equal to or greater than 1.0 mg/cm^2 is a dangerous level of lead.
- A "pos" or "neg" shows that the surface was tested with sodium sulfide. "Pos" means that there is a dangerous level of lead.
- "N/A" means that the inspector was not able to test the surface. Unless the owner can get a sample to test, the inspector must assume the surface contains lead and require it to be deleaded, if necessary.
- "MET" or "MR" means that a metal surface was not tested and only needs to be intact, even if it is a leaded surface. However, metal handrails, metal window sills, and metal railing caps, need to be deleaded if they test equal to or greater than 1.0 mg/cm^2, or is marked "N/A."
- For key to abbreviations like "COV", "VB", "VR" or "MR", "NC", "Tile", "DC", see the cover page.
- When a component box is slashed and there are test results above and below the diagonal line, the result on the "bottom" represents results below 5 ft. and the "top" result indicates the test result above 5 ft.

TYPE OF HAZARD Not all lead paint must be deleaded. This column tells you IF and WHY a surface needs deleading. The deleading standards below may not apply for Interim Controls. Speak to your risk assessor for more information.

- "M/I" circled means that the surface is a moveable/impacted surface and must be deleaded in its entirety.
- "SF" circled indicates that there is a storm frame present which requires the blind stop and exterior sill be deleaded as interior moveable / impacted surfaces.
- "A/M" circled means that the surface is "accessible mouthable" and must be deleaded to a minimum of five feet high, four inches in from the edge or corner.
- "L" circled means that the surface is loose and must, at minimum, be made intact.
- If more than one choice is circled, the rules for deleading may change depending upon what method of deleading you choose. Speak to the inspector for more information.
- "N/A" means the inspector was unable to determine if the surface was a lead hazard. The person doing the deleading must check this surface and follow all the rules for deleading. Speak to the inspector for more information.
- If nothing is circled in the column, then it is likely the surface does not need deleading. Speak to the inspector for more information. Remember, this does not mean the entire surface is lead free, it just does not require deleading in its current condition.

URG HAZ? This column is only completed during a risk assessment. A risk assessment is an evaluation of a home's suitability for Interim Control. **Only a licensed risk assessor can do a risk assessment, not all inspectors are risk assessors.** If "Y" is circled, then this surface is considered an "Urgent Lead Hazard" and some type of deleading work is required to qualify for Interim Control.

IC DATE The date the licensed risk assessor determines the surface meets the standards for Interim Control.

IC METH The deleading method or structural repair done to qualify the surface for Interim Control. Refer to the deleading codes key on the cover page.

DELEAD DATE The date that the lead inspector reinspects the surface and finds that it has been successfully brought back into compliance.

DELEAD METH The method used to bring a surface into full compliance. Refer to codes in the Key on the cover page of the PCAD

EXCLUDED SURFACES The amount of loose paint on a surface as measured by the lead inspector. "N/A" means that the inspector was not able to measure the loose paint, but has determined it is more than the cut-off for moderate risk making intact.

Anthony Jakaitis	M 2929		10/10/2014
Inspector (print)	Lic #	Signature	Date

Risk Assessor (print)	Lic #	Signature	Date

Address of Property: 1157 Nantasket Ave Apt. Hull, MA 02045

ROOM # 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.3	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.2	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Cov	A/M L N/A	Y				
	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	0.1	A/M L N/A	Y				
3	Cl Supports	0.1	A/M L N/A	Y				
4	Closet Floor	Cov	A/M L N/A	Y				
	Closet Ceiling	0.2	A/M L N/A	Y				

OMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.3	M/I A/M L N/A	Y				
	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace		A/M L N/A	Y				
C D	Mantle		A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding	/	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

DE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print) | M 2929 — Lic # | Signature | 10/10/2014 — Date | Page 12 of 19

Risk Assessor (print) | Lic # | Signature | Date

Address of Property: 1157 Nantasket Ave | Apt. | Hull, MA 02045

ROOM # 2

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.2	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.2	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Cov	A/M L N/A	Y				
	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	0.1	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing	.	A/M L N/A	Y				
1 2	Door Jamb		A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	.	A/M L N/A	Y				
B	Cl Casing	.	A/M L N/A	Y				
C	Closet Jamb	.	A/M L N/A	Y				
D	Closet Walls	.	A/M L N/A	Y				
	Cl Baseboard	.	A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf	.	A/M L N/A	Y				
3	Cl Supports	.	A/M L N/A	Y				
4	Closet Floor	.	A/M L N/A	Y				
	Closet Ceiling	.	A/M L N/A	Y				

OMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.1	M/I A/M L N/A	Y				
	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron		A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	.	A/M L N/A	Y				
C D	Mantle		A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding		A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

DE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1157 Nantasket Ave — Apt. — Hull, MA 02045

Kitchen w/ Laundry Hookup

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Cov	A/M L N/A	Y				
	Ceiling	0.3	A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold	0.2	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	0.4	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A	Closet Door	/	A/M L N/A	Y				
B	Cl Casing	/	A/M L N/A	Y				
C	Closet Jamb	/	A/M L N/A	Y				
D	Closet Walls	/	A/M L N/A	Y				
	Cl Baseboard	/	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	/	A/M L N/A	Y				
3	Cl Supports	/	A/M L N/A	Y				
4	Closet Floor	/	A/M L N/A	Y				
	Closet Ceiling	/	A/M L N/A	Y				

OMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.1	M/I A/M L N/A	Y				
	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.2	A/M L N/A	Y				
D	Header Stop	0.2	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.2	A/M L N/A	Y				
D	Header Stop	0.2	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A B	Up Cab Frame	0.1	A/M L N/A	Y				
C D	Up Cab Door	0.1	A/M L N/A	Y				
	Up Cab Walls	0.2	A/M L N/A	Y				
1 2	Up Cab Shlvs	0.2	A/M L N/A	Y				
3 4	Supports	0.3	A/M L N/A	Y				
	Low Cab Fram	0.3	A/M L N/A	Y				
A B	Low Cab Door	0.1	A/M L N/A	Y				
C D	Low Cab Walls	0.1	A/M L N/A	Y				
	Low Cab Shlvs	0.2	A/M L N/A	Y				
1 2	Supports	0.2	A/M L N/A	Y				
3 4	Drawers	0.3	A/M L N/A	Y				
A B C D	Win Above 5'	/	M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				
C	Access	0.3	M/I A/M L N/A	Y				
	Panel		M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

DE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1157 Nantasket Ave Apt. Hull, MA 02045

BATHROOM # 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.2	A/M L N/A	Y				
A B C D	Low Walls	.	A/M L N/A	Y				
A B C D	Baseboards	0.2	A/M L N/A	Y				
A B C D	Chair Rail	.	A/M L N/A	Y				
A B C D	Radiator	.	A/M L N/A	Y				
	Floor	CW	A/M L N/A	Y				
	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M	Y				
3 4	Threshold	0.1	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing	.	A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	.	A/M L N/A	Y				
B	Cl Casing	.	A/M L N/A	Y				
C	Closet Jamb	.	A/M L N/A	Y				
D	Closet Walls	.	A/M L N/A	Y				
	Cl Baseboard	.	A/M L N/A	Y				
1	Closet Pole	.	A/M L N/A	Y				
2	Closet Shelf	.	A/M L N/A	Y				
3	Cl Supports	.	A/M L N/A	Y				
4	Closet Floor	.	A/M L N/A	Y				
	Closet Ceiling		A/M L N/A	Y				
B	Up Cab Frame	.	A/M L N/A	Y				
D	Up Cab Door	.	A/M L N/A	Y				
	Up Cab Walls	.	A/M L N/A	Y				
2	Up Cab Shlvs	.	A/M L N/A	Y				
4	Supports	.	A/M L N/A	Y				
		.	M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Low Cab Fram	0.2	A/M L N/A	Y				
	Low Cab Door	0.2	A/M L N/A	Y				
C D	Low Cab Walls	0.1	A/M L N/A	Y				
	Low Cab Shlvs	0.1	A/M L N/A	Y				
1 2	Supports	0.3	A/M L N/A	Y				
3 4	Drawers	0.3	A/M L N/A	Y				
A	Window Sill		M/I A/M L N/A	Y				
B	Win Apron		A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop		M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'		M/I A/M L NA	Y				
A B C D	Ceiling Molding		M/I A/M L NA	Y				
A B C D	Medicine Cab	0.2	M/I A/M L NA	Y				
A B C D	Wall O/C		M/I A/M L NA	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
		.	M/I A/M L NA	Y				
		.	M/I A/M L NA	Y				
		.	M/I A/M L NA	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis | M 2929 | [signature] | 10/10/2014
Inspector (print) | Lic # | Signature | Date

Risk Assessor (print) | Lic # | Signature | Date

Address of Property: 157 Nantasket Ave Apt. Hull, MA 02045

ROOM # 3

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	CON	A/M L N/A	Y				
	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.3	A/M L N/A	Y				
	Cl Baseboard	0.1	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	0.1	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	CON	A/M L N/A	Y				
	Closet Ceiling	0.2	A/M L N/A	Y				

OMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.3	M/I A/M L N/A	Y				
B	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	.	A/M L N/A	Y				
C D	Mantle	.	A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding	/	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

DE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — M 2929 — 10/10/2014

Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1157 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 4

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Con	A/M L N/A	Y				
	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.3	A/M L N/A	Y				
D	Closet Walls	0.3	A/M L N/A	Y				
	Cl Baseboard	0.1	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.3	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.1	M/I A/M L N/A	Y				
	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.2	A/M L N/A	Y				
D	Header Stop	0.2	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	/	M/I A/M L N/A	Y				
B	Win Apron	/	A/M L N/A	Y				
C	Win Casing	/	A/M L N/A	Y				
D	Header Stop	/	M/I A/M L N/A	Y				
	Int Stops	/	M/I A/M L N/A	Y				
1	Win Int Sash	/	M/I A/M L N/A	Y				
2	Exterior Sill	/	M/I SF L N/A	Y				
3	Part Bead	/	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	/	M/I L N/A	Y				
A	Window Sill	/	M/I A/M L N/A	Y				
B	Win Apron	/	A/M L N/A	Y				
C	Win Casing	/	A/M L N/A	Y				
D	Header Stop	/	M/I A/M L N/A	Y				
	Int Stops	/	M/I A/M L N/A	Y				
1	Win Int Sash	/	M/I A/M L N/A	Y				
2	Exterior Sill	/	M/I SF L N/A	Y				
3	Part Bead	/	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	/	M/I L N/A	Y				
A B	Fireplace	/	A/M L N/A	Y				
C D	Mantle	/	A/M L N/A	Y				
A B C D	Win Above 5'	/	A/M L N/A	Y				
	Ceiling Molding	/	A/M L N/A	Y				
		/	A/M L N/A	Y				
		/	A/M L N/A	Y				
		/	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

DE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis | M 2929 | [signature] | 10/10/2014
Inspector (print) | Lic # | Signature | Date

Risk Assessor (print) | Lic # | Signature | Date

Address of Property: 1157 Nantasket Ave Apt. Hull, MA 02045

ROOM # 5

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.3	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.2	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	CON	A/M L N/A	Y				
	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	/	A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.3	A/M L N/A	Y				
D	Closet Walls	0.3	A/M L N/A	Y				
	Cl Baseboard	0.1	A/M L N/A	Y				
1	Closet Pole	0.1	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	CON	A/M L N/A	Y				
	Closet Ceiling	0.1	A/M L N/A	Y				

OMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.2	M/I A/M L N/A	Y				
	Win Apron	0.4	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.2	M/I A/M L N/A	Y				
B	Win Apron	0.4	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	/	M/I A/M L N/A	Y				
B	Win Apron	/	A/M L N/A	Y				
C	Win Casing	/	A/M L N/A	Y				
D	Header Stop	/	M/I A/M L N/A	Y				
	Int Stops	/	M/I A/M L N/A	Y				
1	Win Int Sash	/	M/I A/M L N/A	Y				
2	Exterior Sill	/	M/I SF L N/A	Y				
3	Part Bead	/	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	/	M/I L N/A	Y				
A B	Fireplace	/	A/M L N/A	Y				
C D	Mantle	/	A/M L N/A	Y				
A B C D	Win Above 5'	/	A/M L N/A	Y				
	Ceiling Molding	/	A/M L N/A	Y				
		/	A/M L N/A	Y				
		/	A/M L N/A	Y				
		/	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

DE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1157 Nantasket Ave — Apt. — Hull, MA 02045

HALLWAY: 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Con	A/M L N/A	Y				
	Ceiling	0.3	A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.4	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	0.3	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1	Door Jamb	0.2	A/M L N/A	Y				
	Threshold	/	A/M L N/A	Y				
A	Closet Door	0.4	A/M L N/A	Y				
B	Cl Casing	0.3	A/M L N/A	Y				
C	Closet Jamb	0.3	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	/	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	/	A/M L N/A	Y				
3	Cl Supports	0.1	A/M L N/A	Y				
4	Closet Floor	0.1	A/M L N/A	Y				
	Closet Ceiling	0.3	A/M L N/A	Y				

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Closet Door	0.1	A/M L N/A	Y				
	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole	0.3	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.3	A/M L N/A	Y				
A	Window Sill		M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'	.	M/I A/M L N/A	Y				
A B C D	Ceiling Molding		M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

DE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1157 Nantasket Ave — Apt. — Hull, MA 02045

HALLWAY: 1 Cont..

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	.	A/M L N/A	Y				
A B C D	Low Walls	.	A/M L N/A	Y				
A B C D	Baseboards		A/M L N/A	Y				
A B C D	Chair Rail	.	A/M L N/A	Y				
A B C D	Radiator	.	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Ceiling		A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold		A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.4	A/M L N/A	Y				
B	Cl Casing	0.3	A/M L N/A	Y				
C	Closet Jamb	0.3	A/M L N/A	Y				
D	Closet Walls	0.1	A/M L N/A	Y				
	Cl Baseboard	0.1	A/M L N/A	Y				
1	Closet Pole	.	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.4	A/M L N/A	Y				

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Closet Door	0.2	A/M L N/A	Y				
	Cl Casing	0.2	A/M L N/A	Y				
C	Closet Jamb	0.1	A/M L N/A	Y				
D	Closet Walls	0.1	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf	0.1	A/M L N/A	Y				
3	Cl Supports	0.1	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.2	A/M L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'		M/I A/M L N/A	Y				
A B C D	Ceiling Molding		M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

DE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print) | M 2929 — Lic # | Signature | 10/10/2014 — Date

Risk Assessor (print) | Lic# | Signature | Date

Address of Property: 1157 Nantasket Ave Apt. Hull, MA 02045

EXTERIOR A Side

SIDE A	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Siding	con	L N/A	Y				
	Corner Boards	con	L N/A	Y				
	Lower Trim	con	L N/A	Y				
	Upper Trim	con	L N/A	Y				
	Win Above 5'	con	L N/A	Y				
	Porch Above 5'	/	L N/A	Y				
A 1 2 3 4	Storm Door	0.3	A/M L N/A	Y				
	Door	0.3	A/M L N/A	Y				
	Door Casing	con	A/M L N/A	Y				
	Door Jamb	0.2	A/M L N/A	Y				
	Threshold	0.2	A/M L N/A	Y				
	Kickplate	0.1	A/M L N/A	Y				
A 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
A 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
A #	Window Sill	con	A/M L N/A	Y				
	Win Casing	con	A/M L N/A	Y				
	Window Sash	vk	A/M L N/A	Y				
A #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE A	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
A #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A	Foundation	0.3	L N/A	Y				
	Bulkhead	.	A/M L N/A	Y				
	Fences	0.2	A/M L N/A	Y				
	Shutters		A/M L N/A	Y				
A	Newel post	.	A/M L N/A	Y				
	Railing Cap		A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
A	Drain Pipes	0.3	L N/A	Y				
	Elec Conduit	0.3	L N/A	Y				
	Oil Fill Pipe		L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

IDE A	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
A				
A				
A				
A				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis — M 2929 — 10/10/2014

Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1157 Nantasket Ave — Apt. — Hull, MA 02045

EXTERIOR B Side

SIDE B	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
B	Siding	COV	L N/A	Y				
	Corner Boards	COV	L N/A	Y				
	Lower Trim	COV	L N/A	Y				
	Upper Trim	COV	L N/A	Y				
	Win Above 5'	COV	L N/A	Y				
	Porch Above 5'	/	L N/A	Y				
B 1 2 3 4	Storm Door	0.3	A/M L N/A	Y				
	Door	0.2	A/M L N/A	Y				
	Door Casing	COV	A/M L N/A	Y				
	Door Jamb	0.2	A/M L N/A	Y				
	Threshold	0.4	A/M L N/A	Y				
	Kickplate	0.3	A/M L N/A	Y				
B 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
B 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
B #1	Window Sill	COV	A/M L N/A	Y				
	Win Casing	COV	A/M L N/A	Y				
	Window Sash	LA	A/M L N/A	Y				
B #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash		A/M L N/A	Y				
B #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
B	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE B	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
B #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
B #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B	Foundation	0.1	L N/A	Y				
	Columns	0.1	A/M L N/A	Y				
	Joists	0.3	A/M L N/A	Y				
	Ceiling	COV	A/M L N/A	Y				
B	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
B	Drain Pipes	0.2	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Oil Fill Pipe	.	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE B	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
B				
B				
B				
B				

Soil Test Results

(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				
Comments:				

Anthony Jakaitis — Inspector (print) | M 2929 — Lic # | Signature | 10/10/2014 — Date

I 3776 — Risk Assessor (print) | Lic# | Signature | Date

Address of Property: 1157 Nantasket Ave Apt. Hull, MA 02045

EXTERIOR C Side

SIDE C	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
C	Siding	CON	L N/A	Y				
	Corner Boards	CON	L N/A	Y				
	Lower Trim	CON	L N/A	Y				
	Upper Trim	CON	L N/A	Y				
	Win Above 5'	CON	L N/A	Y				
	Porch Above 5'		L N/A	Y				
C 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
C 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
C 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
C #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C 2 3	Window Sill	CON	A/M L N/A	Y				
	Win Casing	CON	A/M L N/A	Y				
	Window Sash	CON	A/M L N/A	Y				
C #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE C	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C	Foundation	03	L N/A	Y				
	Bulkhead	.	A/M L N/A	Y				
	Fences	0.2	A/M L N/A	Y				
	Shutters		A/M L N/A	Y				
C	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
C	Drain Pipes	02	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Oil Fill Pipe	.	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE C	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
C				
C				
C				
C				

Soil Test Results

(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1157 Nantasket Ave Apt. Hull, MA 02045

EXTERIOR D Side

SIDE D	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
D	Siding	CON	L N/A	Y				
	Corner Boards	CON	L N/A	Y				
	Lower Trim	CON	L N/A	Y				
	Upper Trim	CON	L N/A	Y				
	Win Above 5'	CON	L N/A	Y				
	Porch Above 5'		L N/A	Y				
D 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
D 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
D 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
D #2	Window Sill	CON	A/M L N/A	Y				
	Win Casing	CON	A/M L N/A	Y				
	Window Sash	VK	A/M L N/A	Y				
D #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE D	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
D #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D	Foundation	0.3	L N/A	Y				
	Bulkhead		A/M L N/A	Y				
	Fences	0.2	A/M L N/A	Y				
	Shutters		A/M L N/A	Y				
D	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
D	Drain Pipes	.	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Gas Pipe	0.3	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE D	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
D				
D				
D				
D				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				
Comments:				

Anthony Jakaitis — M 2929 — Signature — 10/10/2014

Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1157 Nanatasket Ave — Apt. — Hull

Shed 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B	Siding	Con	L N/A	Y				
C D	Corner Boards	Con	L N/A	Y				
	Upper Trim	Con	L N/A	Y				
	Ceiling	.	L N/A	Y				
	Joists	.	L N/A	Y				
A	Door	0.1	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	Con	A/M L N/A	Y				
D	Door Jamb	0.1	A/M L N/A	Y				
1 2	Threshold	0.3	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
A	Door	.	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	.	A/M L N/A	Y				
D	Door Jamb	.	A/M L N/A	Y				
1 2	Threshold	.	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing	.	A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
	Support Clmns	0.2	A/M L N/A	Y				
	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail	.	A/M L N/A	Y				
	Balusters	.	A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads		A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lower Walls		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
	Lower Trim	.	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Sidelites	.	A/M L N/A	Y				
		.	A/M L N/A	Y				
	Foundation	0.3	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — M 2929 — 10/10/2014
Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1157 Nanatasket Ave — Apt. — Hull

Shed 2

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B	Siding	0.2	L N/A	Y				
C D	Corner Boards	04	L N/A	Y				
	Upper Trim	03	L N/A	Y				
	Ceiling		L N/A	Y				
	Joists	.	L N/A	Y				
A	Door	0.1	A/M L N/A	Y				
B	Storm Door		A/M L N/A	Y				
C	Door Casing	0.1	A/M L N/A	Y				
D	Door Jamb	0.2	A/M L N/A	Y				
1 2	Threshold	0.2	A/M L N/A	Y				
3 4	Kickplate		A/M L N/A	Y				
A	Door	.	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	.	A/M L N/A	Y				
D	Door Jamb	.	A/M L N/A	Y				
1 2	Threshold	.	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
B	Window Sill	.	A/M L N/A	Y				
D	Win Casing		A/M L N/A	Y				
2	Window Sash	.	A/M L N/A	Y				
4	Mullions	.	A/M L N/A	Y				
B	Window Sill	.	A/M L N/A	Y				
D	Win Casing		A/M L N/A	Y				
2	Window Sash	.	A/M L N/A	Y				
4	Mullions	.	A/M L N/A	Y				
B	Window Sill	.	A/M L N/A	Y				
D	Win Casing		A/M L N/A	Y				
2	Window Sash	.	A/M L N/A	Y				
4	Mullions	.	A/M L N/A	Y				
B	Window Sill	.	A/M L N/A	Y				
D	Win Casing		A/M L N/A	Y				
2	Window Sash	.	A/M L N/A	Y				
4	Mullions	.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
	Support Clmns	.	A/M L N/A	Y				
	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail	.	A/M L N/A	Y				
	Balusters	.	A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads		A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lower Walls		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
	Lower Trim	03	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Sidelites	.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

DE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014

Inspector/Risk Assessor — Lic# — Date

1159 Nantasket Ave — Hull

Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
1	ABCD	Walls	0.3	NO	Dry Wall		
1	ABCD	Baseboards	0.2	NO	Wood		
1		Floor	COV	NO			
1		Ceiling	0.2	NO	Dry Wall		
1	C	Door	0.1	NO	Wood		
1	C	Door Casing	0.1	NO	Wood		
1	C	Door Jamb	0.3	NO	Wood		
1	A	Window Sill	0.3	NO	Wood		
1	A	Window Casing	0.1	NO	Wood		
1	A	Window Stops	0.2	NO	Wood		
1	A	Window Sash	VR	NO	Vinyl Replacement		
1	C	Closet Shelves	0.1	NO	Wood		
1	C	Closet Supports	0.1	NO	Wood		
2	ABCD	Walls	0.2	NO	Dry Wall		
2	ABCD	Baseboards	0.2	NO	Wood		
2		Floor	COV	NO			
2		Ceiling	0.2	NO	Dry Wall		
2	A	Door	0.2	NO	Wood		
2	A	Door Casing	0.3	NO	Wood		
2	A	Door Jamb	0.3	NO	Wood		
2	A	Window Sill	0.3	NO	Wood		
2	A	Window Casing	0.1	NO	Wood		
2	A	Window Stops	0.2	NO	Wood		
2	A	Window Sash	VR	NO	Vinyl Replacement		
2		Closet Shelves		NO	Wood		
2		Closet Supports		NO	Wood		
3	ABCD	Walls	0.1	NO	Dry Wall		
3	ABCD	Baseboards	0.1	NO	Wood		
3		Floor	COV	NO			
3		Ceiling	0.2	NO	Dry Wall		
3	A	Door	0.2	NO	Wood		
3	A	Door Casing	0.3	NO	Wood		
3	A	Door Jamb	0.3	NO	Wood		
3	B	Window Sill	0.1	NO	Wood		
3	B	Window Casing	0.2	NO	Wood		
3	B	Window Stops	0.3	NO	Wood		
3	B	Window Sash	VR	NO	Vinyl Replacement		
3	D	Closet Shelves	0.2	NO	Wood		
3	D	Closet Supports	0.2	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014
Inspector/Risk Assessor — Lic# — Date

1159 Nantasket Ave — Hull
Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
4	ABCD	Walls	0.1	NO	Dry Wall		
4	ABCD	Baseboards	0.1	NO	Wood		
4		Floor	COV	NO			
4		Ceiling	0.1	NO	Dry Wall		
4	A	Door	0.2	NO	Wood		
4	A	Door Casing	0.3	NO	Wood		
4	A	Door Jamb	0.3	NO	Wood		
4	C	Window Sill	0.1	NO	Wood		
4	C	Window Casing	0.2	NO	Wood		
4	C	Window Stops	0.3	NO	Wood		
4	C	Window Sash	VR	NO	Vinyl Replacement		
4	B	Closet Shelves	0.1	NO	Wood		
4	B	Closet Supports	0.2	NO	Wood		
5	ABCD	Walls	0.1	NO	Dry Wall		
5	ABCD	Baseboards	0.1	NO	Wood		
5		Floor	COV	NO			
5		Ceiling	0.2	NO	Dry Wall		
5	A	Door	0.2	NO	Wood		
5	A	Door Casing	0.4	NO	Wood		
5	A	Door Jamb	0.3	NO	Wood		
5	C	Window Sill	0.3	NO	Wood		
5	C	Window Casing	0.1	NO	Wood		
5	C	Window Stops	0.2	NO	Wood		
5	C	Window Sash	VR	NO	Vinyl Replacement		
5	B	Closet Shelves	0.2	NO	Wood		
5	B	Closet Supports	0.3	NO	Wood		
Hall	ABCD	Walls	0.4	NO	Dry Wall		
Hall	ABCD	Baseboards	0.3	NO	Wood		
Hall		Floor	COV	NO			
Hall		Ceiling	0.1	NO	Dry Wall		
Hall	A	Door	0.1	NO	Wood		
Hall	A	Door Casing	0.2	NO	Wood		
Hall	A	Door Jamb	0.2	NO	Wood		
Hall		Closet Shelves		NO	Wood		
Hall	A	Closet Supports	0.1	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014
Inspector/Risk Assessor — Lic# — Date

1159 Nantasket Ave — Hull
Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Kitchen	ABCD	Walls	0.2	NO	Dry Wall		
Kitchen	ABCD	Baseboards	0.3	NO	Wood		
Kitchen		Floor	COV	NO			
Kitchen		Ceiling	0.1	NO	Dry Wall		
Kitchen	B	Door	0.1	NO	Wood		
Kitchen	B	Door Casing	0.2	NO	Wood		
Kitchen	B	Door Jamb	0.2	NO	Wood		
Kitchen	A	Window Sill	0.1	NO	Wood		
Kitchen	A	Window Casing	0.3	NO	Wood		
Kitchen	A	Window Stops	0.1	NO	Wood		
Kitchen	A	Window Sash	VR	NO	Vinyl Replacement		
	ACD	Up Cabinet Frame	0.2	NO	Wood		
Kitchen	ACD	Up Cabinet Door	0.4	NO	Wood		
Kitchen	ACD	Up Cabinet Walls	0.3	NO	Dry Wall		
Kitchen	ACD	Up Cabinet Shelves	0.3	NO	Wood		
Kitchen	ACD	Up Cabinet Supports	0.1	NO			
Kitchen	ACD	Low Cabinet Frame	0.1	NO	Dry Wall		
Kitchen	ACD	Low Cabinet Door	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Walls	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Shelves	0.4	NO	Wood		
Kitchen	ACD	Low Cabinet Supports	0.3	NO	Wood		
Kitchen	ACD	Drawers	0.3	NO	Wood		
Bath	ABCD	Walls	0.1	NO	Dry Wall		
Bath	ABCD	Baseboards	0.1	NO	Wood		
Bath		Floor	COV	NO			
Bath		Ceiling	0.3	NO	Dry Wall		
Bath	CD	Walls	0.2	NO	Dry Wall		
Bath	CD	Door	0.3	NO	Wood		
Bath	CD	Door Casing	0.2	NO	Wood		
Bath	CD	Door Jamb	0.2	NO	Wood		
Bath		Window Sill		NO	Wood		
Bath		Window Casing		NO	Wood		
Bath		Window Stops		NO	Wood		
Bath		Window Sash	VR	NO	Vinyl Replacement		
Bath	A	Medicine Cabinet	0.3	NO	Metal		
Bath	A	Low Cabinet Frame	0.3	NO	Wood		
Bath	A	Low Cabinet Door	0.3	NO	Wood		
Bath	A	Low Cabinet Walls	0.1	NO	Wood		
Bath	A	Low Cabinet Shelves	0.1	NO	Wood		
Bath	A	Low Cabinet Supports	0.2	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014
Inspector/Risk Assessor — Lic# — Date

1159 Nantasket Ave — Hull
Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Exterior	A	Siding	Cov	NO	Vinyl		
Exterior	A	Upper Trim	Cov	NO	Aluminum		
Exterior	A	Foundation	0.3	NO	Concrete		
Exterior	A	Drain Pipes	0.3	NO	Aluminum		
Exterior	A	Door	0.3	NO	Metal		
Exterior	A	Door Casing	COV	NO	Wood		
Exterior	A	Door Jamb	0.2	NO	Wood		
Exterior	A	Threshold	0.2	NO	Metal		
Exterior	A	Window Sill	Cov	NO	Aluminum		
Exterior	A	Window Casing	Cov	NO	Aluminum		
Exterior	A	Window Sash	VR	NO	Vinyl Replacement		
Exterior		Columns		NO	Wood		
Exterior		Joists		NO	Wood		
Exterior		Ceiling	Cov	NO	Aluminum		
Exterior	A	Fence	0.3	NO	Wood		
Exterior		Gas Pipes		NO	Metal		
Exterior		Electrical Conduit		NO	Metal		
Shed 1		Siding	Cov	NO	Vinyl		
Shed 1		Upper Trim	Cov	NO	Aluminum		
Shed 1		Door Casing	Cov	NO	Aluminum		
Shed 1		Door Jamb	0.1	NO	Wood		
Shed 1		Columns		NO	Wood		
Shed 1		Foundation	0.2	NO	Concrete		
Shed 2		Siding		NO	Wood		
Shed 2		Upper Trim		NO	Wood		
Shed 2		Corner Boards		NO	Wood		
Shed 2		Lower Trim		NO	Wood		
Shed 2		Door		NO	Wood		
Shed 2		Door Casing		NO	Wood		
Shed 2		Door Jamb		NO	Wood		
Shed 2		Threshold		NO	Metal		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Inspection / Risk Assessment Report

Anthony Jakaitis
Master Lead Paint Inspector
PO BOX 400, South Weymouth, MA 02190
(781) 331-1565

St.#	Street Name	Street Type	Unit
1159	Nantasket	Ave	

City: Hull
Zip Code: 02045

Owners Name: United States Coast Guard c/o Tetra Tech
Owner Address: 45610 Woodland Road, Sterling, VA 20166
Contact Information: Jimmy Kehs
Client Name (if different from owner):
Client Address:

Number of Rooms in Unit 7
Property Type:
- [x] Single Family
- [ ] Multi Family # of Units
- [ ] Condominium # of Units
- [ ] Day Care [ ] Other

Key	Legend Column
COV	Covered
VB	Vinyl Baseboard
MET	Metal
VR	Vinyl Rep. Window
MR	Metal Rep. Window
NA	Not Accessible
NC	No Coating
Tile	Tile (testing suggested)
DC	Dropped Ceiling

Key	Treatment Method	Key	Treatment Method
CAP	Capped	SCR	Scraped
COV	Covered	DIP	Dipped
ENC	Encapsulated	REM	Removed
MI	Made Intact	REP	Replaced
PRE	Prepared for Enc.	REV	Reversed
VR/MR	Vinyl/Metal Rep Window	INT	Intact
SFR	Storm Frame Removed		
[/]	Component Does Not Exist		

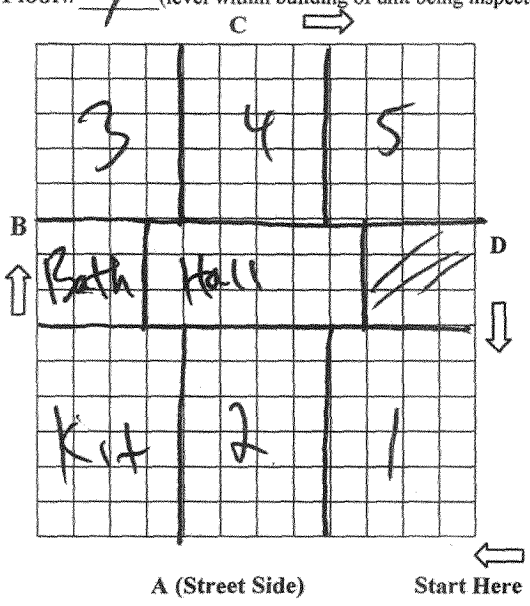
Laundry in Basement? [ ] Yes [x] No
Finished Space in Basement [ ] Yes [x] No

Testing Method Used

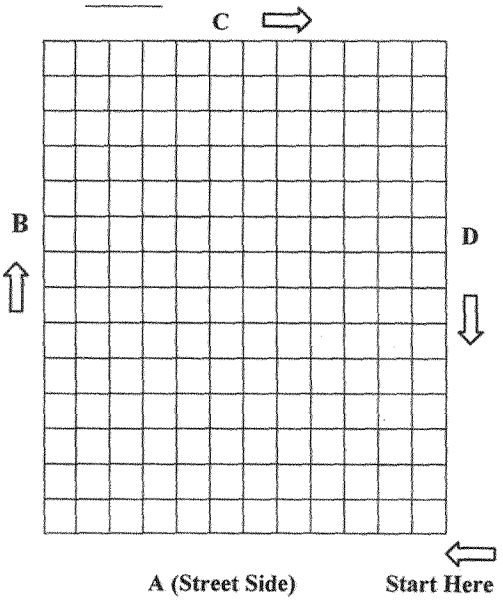
Na_2S Expiration Date:
X-Ray Fluorescence
Model: RMD Serial # 1462

Comments / Notes:

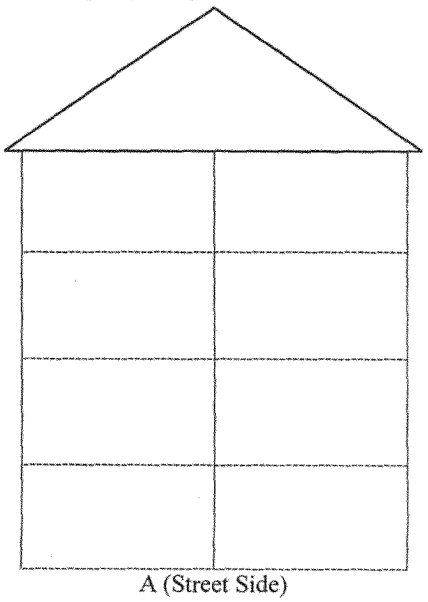
Floor# 1 (level within building of unit being inspected)



Floor#



Property Diagram / Unit Labels



Pb (lead) equal to or greater than 1.0 m/cm^2 with x-ray fluorescence or positive with Na_2S is **Dangerous.**

- XRF Calibration Recorded In Log Book [✓] ✓ - Check off when complete
- Address verified through USPS [✓] ✓ - Check off when complete
- Research on Lead Related History for Address [✓] ✓ - Check off when complete

nthony Jakaitis | M 2929 (License #) | Signature | 10/10/2014

ADDRESS: 1159 Nantasket Ave, Hull, MA 02045

INSPECTION HISTORY

Determination		
Lead Hazards?	Y / N	Inspector Name:_____, Lic#_____ Signature_____
Comprehensive Initial Inspection		Inspector Name: Ron Albert, M 1704
Lead Hazards?	Y / N	Signature_____
Comp Initial w/Partial PCAD		Inspector Name:_____, Lic#_____
Lead Hazards?	Y / N	Signature_____
Addendum (add-on to Initial Inspection)		Inspector Name:_____, Lic#_____
Lead Hazards?	Y / N	Signature_____
Addendum as Full Insp. (Lost Docs)		Inspector Name:_____, Lic#_____
Lead Hazards?	Y / N	Signature_____
Walk Through for Ed/Consultation		Inspector Name:_____, Lic#_____ Signature_____

REINSPECTION HISTORY

Visual Portion of Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Visual Portion of Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Reocc. Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Visual Portion of Final Reinspection	P / F	Inspector Name: Signature_____
Visual Portion of Final Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for Final Reinsp. (No Reocc)	P / F	Inspector Name: Signature_____
Dust Taken for Final Reinsp. (No Reocc)	P / F	Inspector Name:_____, Lic#_____ Signature_____

INTERIM CONTROL

Risk Assessment		R.A. Name:_____, Lic#_____
Urgent Pb. Hazards?	Y / N	Signature_____
Dust Taken for Risk Assessment	P / F	R.A. Name:_____, Lic#_____ Signature_____
Visual Portion of Reinspection for Interim Control	P / F	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment Reinsp.	P / F	R.A. Name:_____, Lic#_____ Signature_____
Visual Portion of Reinspection for Interim Control	P / F	R.A. Name:_____, Lic#_____ Signature_____
Dust Taken for Risk Assessment Reinsp.	P / F	R.A. Name:_____, Lic#_____ Signature_____
Risk Assessment Recertification		R.A. Name:_____, Lic#_____
Urgent Pb. Hazards?	Y / N	Signature_____
Dust Taken for RA Recertification	P / F	R.A. Name:_____, Lic#_____ Signature_____

POST COMPLIANCE ASSESSMENT DETERMINATIONS

PCAD		Inspector Name:
Lead Hazards?	Y / N	Signature_____
Full Inspection Acting as PCAD 10/10/14		Inspector Name:Anthony Jakaitis, M 2929
Lead Hazards?	Y / (N)	Signature_____
Visual Portion of PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____
Dust Taken for PCAD Reinspection	P / F	Inspector Name:_____, Lic#_____ Signature_____

ADDRESS: 1159 Nantasket Ave, Hull, MA 02045

REOCCUPANCY CERTIFICATE HISTORY

Certificate of Reoccupancy	Inspector Name: Ron Albert, M 1704
Only after High/Mod Risk (# rooms rule)	Signature_____

Certificate of Reoccupancy	Inspector Name:_____, Lic#_____
Only after High/Mod Risk (# rooms rule)	Signature_____

Certificate of Reoccupancy	Inspector Name:_____, Lic#_____
Only after High/Mod Risk (# rooms rule)	Signature_____

COMPLIANCE HISTORY

Letter of Full Initial Compliance	Inspector Name:_____, Lic#_____
No prior history/ No signs of UD	Signature_____

Letter of Interim Control	Inspector Name:_____, Lic#_____
No prior Comp. Expires in 1 yr.	Signature_____

Recertification of Interim Control	Inspector Name:_____, Lic#_____
Expires 2 yrs from original Interim Control	Signature_____

Letter of Full Deleading Compliance	Inspector Name: Ron Albert, M 1704
Dust wipes if No Reocc.	Signature_____

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

COMPLIANCE HISTORY (CONT.)

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

Certificate of Maintained Compliance	Inspector Name:_____, Lic#_____
No Work= No Dust Work = 7 Dust	Signature_____

Certificate of Restored Compliance	Inspector Name:_____, Lic#_____
Dust wipes and auth. people	Signature_____

OTHER HISTORY: WAIVERS/UD/EPA RRP

Approved CLPPP Waiver	CLPPP Insp. Name:_____, Lic#_____
Attach to Comp Docs	Signature_____

Approved CLPPP Waiver	CLPPP Insp. Name:_____, Lic#_____
Attach to Comp Docs	Signature_____

UD / DES Visual Reinspection	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

UD / DES Visual Reinspection	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

UD / DES Dust Taken	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

UD/DES Dust Taken	Inspector Name:_____, Lic#_____	P / F
No LOC Issued	Signature_____	

EXPLANATION OF LEAD INSPECTION / RISK ASSESSMENT REPORT FORM COLUMNS

This page provides general information needed to understand the lead inspection/risk assessment report. However, you should speak with the inspector/risk assessor before you start to do any work on your home.

SIDE Refers to A, B, C, or D side of the building or room. See the diagram on the cover sheet. The "A" side of the building or room is the side facing the street that gives the property its address (usually, it is the front of the building). Keeping your back to this street, from the "A" side move clockwise to the "B" side on your left, the "C" side opposite you, and the "D" side to the right. Numbering is from left to right.

LOCATION/ SURFACE Refers to the building component(s) being tested. Some surfaces may be made up of more than one part. For example, "Baseboard" may refer to four separate pieces of wood (one on each wall), but is still considered one surface.

LEAD The actual lead result. Each surface tested must have a result recorded in the "Lead" column.

- A number shows that the surface was tested with an XRF analyzer. A number (or average number) equal to or greater than 1.0 mg/cm^2 is a dangerous level of lead.
- A "pos" or "neg" shows that the surface was tested with sodium sulfide. "Pos" means that there is a dangerous level of lead.
- "N/A" means that the inspector was not able to test the surface. Unless the owner can get a sample to test, the inspector must assume the surface contains lead and require it to be deleaded, if necessary.
- "MET" or "MR" means that a metal surface was not tested and only needs to be intact, even if it is a leaded surface. However, metal handrails, metal window sills, and metal railing caps, need to be deleaded if they test equal to or greater than 1.0 mg/cm^2, or is marked "N/A."
- For key to abbreviations like "COV", "VB", "VR" or "MR", "NC", "Tile", "DC", see the cover page.
- When a component box is slashed and there are test results above and below the diagonal line, the result on the "bottom" represents results below 5 ft. and the "top" result indicates the test result above 5 ft.

TYPE OF HAZARD Not all lead paint must be deleaded. This column tells you IF and WHY a surface needs deleading. The deleading standards below may not apply for Interim Controls. Speak to your risk assessor for more information.

- "M/I" circled means that the surface is a moveable/impacted surface and must be deleaded in its entirety.
- "SF" circled indicates that there is a storm frame present which requires the blind stop and exterior sill be deleaded as interior moveable / impacted surfaces.
- "A/M" circled means that the surface is "accessible mouthable" and must be deleaded to a minimum of five feet high, four inches in from the edge or corner.
- "L" circled means that the surface is loose and must, at minimum, be made intact.
- If more than one choice is circled, the rules for deleading may change depending upon what method of deleading you choose. Speak to the inspector for more information.
- "N/A" means the inspector was unable to determine if the surface was a lead hazard. The person doing the deleading must check this surface and follow all the rules for deleading. Speak to the inspector for more information.
- If nothing is circled in the column, then it is likely the surface does not need deleading. Speak to the inspector for more information. Remember, this does not mean the entire surface is lead free, it just does not require deleading in its current condition.

URG HAZ? This column is only completed during a risk assessment. A risk assessment is an evaluation of a home's suitability for Interim Control. **Only a licensed risk assessor can do a risk assessment, not all inspectors are risk assessors.** If "Y" is circled, then this surface is considered an "Urgent Lead Hazard" and some type of deleading work is required to qualify for Interim Control.

IC DATE The date the licensed risk assessor determines the surface meets the standards for Interim Control.

IC METH The deleading method or structural repair done to qualify the surface for Interim Control. Refer to the deleading codes key on the cover page.

DELEAD DATE The date that the lead inspector reinspects the surface and finds that it has been successfully brought back into compliance.

DELEAD METH The method used to bring a surface into full compliance. Refer to codes in the Key on the cover page of the PCAD

EXCLUDED SURFACES The amount of loose paint on a surface as measured by the lead inspector. "N/A" means that the inspector was not able to measure the loose paint, but has determined it is more than the cut-off for moderate risk making intact.

Anthony Jakaitis	M 2929		10/10/2014
Inspector (print)	Lic #	Signature	Date

Risk Assessor (print)	Lic #	Signature	Date

Address of Property: 1157 Nantasket Ave Apt. Hull, MA 02045

ROOM # 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.3	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.2	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Cov	A/M L N/A	Y				
	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	0.1	A/M L N/A	Y				
3	Cl Supports	0.1	A/M L N/A	Y				
4	Closet Floor	Cov	A/M L N/A	Y				
	Closet Ceiling	0.2	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.3	M/I A/M L N/A	Y				
	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.3	M/I A/M L N/A	Y				
B	Win Apron	0.4	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace		A/M L N/A	Y				
C D	Mantle		A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding		A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1159 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 2

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Cov	A/M L N/A	Y				
	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	0.2	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing	.	A/M L N/A	Y				
1 2	Door Jamb		A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	.	A/M L N/A	Y				
B	Cl Casing	.	A/M L N/A	Y				
C	Closet Jamb	.	A/M L N/A	Y				
D	Closet Walls	.	A/M L N/A	Y				
	Cl Baseboard	.	A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf	.	A/M L N/A	Y				
3	Cl Supports	.	A/M L N/A	Y				
4	Closet Floor		A/M L N/A	Y				
	Closet Ceiling		A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.3	M/I A/M L N/A	Y				
	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron		A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	.	A/M L N/A	Y				
C D	Mantle		A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding		A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis	M 2929		10/10/2014
Inspector (print)	Lic #	Signature	Date

Risk Assessor (print)	Lic#	Signature	Date

Address of Property: 115 Nantasket Ave Apt. Hull, MA 02045

Kitchen w/ Laundry Hookup

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.2	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.3	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	Con	A/M L N/A	Y				
	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	0.3	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	/	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	/	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A	Closet Door	/	A/M L N/A	Y				
B	Cl Casing		A/M L N/A	Y				
C	Closet Jamb	/	A/M L N/A	Y				
D	Closet Walls	/	A/M L N/A	Y				
	Cl Baseboard	/	A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf	/	A/M L N/A	Y				
3	Cl Supports		A/M L N/A	Y				
4	Closet Floor	/	A/M L N/A	Y				
	Closet Ceiling		A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.1	M/I A/M L N/A	Y				
	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.1	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.2	M/I A/M L N/A	Y				
B	Win Apron	0.2	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A B	Up Cab Frame	0.2	A/M L N/A	Y				
C D	Up Cab Door	0.4	A/M L N/A	Y				
	Up Cab Walls	0.3	A/M L N/A	Y				
1 2	Up Cab Shlvs	0.3	A/M L N/A	Y				
3 4	Supports	0.1	A/M L N/A	Y				
	Low Cab Fram	0.1	A/M L N/A	Y				
A B	Low Cab Door	0.2	A/M L N/A	Y				
C D	Low Cab Walls	0.2	A/M L N/A	Y				
	Low Cab Shlvs	0.4	A/M L N/A	Y				
1 2	Supports	0.3	A/M L N/A	Y				
3 4	Drawers	0.3	A/M L N/A	Y				
A B C D	Win Above 5'	/	M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				
C	Access	0.2	M/I A/M L N/A	Y				
	Panel		M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				
			M/I A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis | M 2929 | | 10/10/2014
Inspector (print) | Lic # | Signature | Date

Risk Assessor (print) | Lic# | Signature | Date

Address of Property: 1152 Nantasket Ave Apt. Hull, MA 02045

BATHROOM # 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	.	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	.	A/M L N/A	Y				
A B C D	Radiator	.	A/M L N/A	Y				
-	Floor	(a)	A/M L N/A	Y				
-	Ceiling	0.3	A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M	Y				
3 4	Threshold	0.4	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing	.	A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	.	A/M L N/A	Y				
B	Cl Casing	.	A/M L N/A	Y				
C	Closet Jamb	.	A/M L N/A	Y				
D	Closet Walls	.	A/M L N/A	Y				
	Cl Baseboard	.	A/M L N/A	Y				
1	Closet Pole	.	A/M L N/A	Y				
2	Closet Shelf	.	A/M L N/A	Y				
3	Cl Supports	.	A/M L N/A	Y				
4	Closet Floor	.	A/M L N/A	Y				
	Closet Ceiling		A/M L N/A	Y				
A B	Up Cab Frame	.	A/M L N/A	Y				
C D	Up Cab Door	.	A/M L N/A	Y				
	Up Cab Walls	.	A/M L N/A	Y				
1 2	Up Cab Shlvs	.	A/M L N/A	Y				
3 4	Supports	.	A/M L N/A	Y				
		.	M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Low Cab Fram	0.3	A/M L N/A	Y				
	Low Cab Door	0.3	A/M L N/A	Y				
C D	Low Cab Walls	0.1	A/M L N/A	Y				
	Low Cab Shlvs	0.1	A/M L N/A	Y				
1 2	Supports	0.2	A/M L N/A	Y				
3 4	Drawers	0.2	A/M L N/A	Y				
A	Window Sill		M/I A/M L N/A	Y				
B	Win Apron		A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop		M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'		M/I A/M L NA	Y				
A B C D	Ceiling Molding		M/I A/M L NA	Y				
A B C D	Medicine Cab	0.3	M/I A/M L NA	Y				
A B C D	Wall O/C		M/I A/M L NA	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
		.	M/I A/M L NA	Y				
		.	M/I A/M L NA	Y				
		.	M/I A/M L NA	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1157 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 3

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
	Floor	con	A/M L N/A	Y				
	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.4	A/M L N/A	Y				
B	Cl Casing	0.3	A/M L N/A	Y				
C	Closet Jamb	0.3	A/M L N/A	Y				
D	Closet Walls	0.1	A/M L N/A	Y				
	Cl Baseboard	0.1	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	con	A/M L N/A	Y				
	Closet Ceiling	0.3	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.2	A/M L N/A	Y				
D	Header Stop	0.2	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.2	A/M L N/A	Y				
D	Header Stop	0.2	M/I A/M L N/A	Y				
	Int Stops	0.4	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	.	A/M L N/A	Y				
C D	Mantle	.	A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding	/	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — M 2929 — 10/10/2014
Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 1159 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 4

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
-	Floor	Con	A/M L N/A	Y				
-	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.3	A/M L N/A	Y				
D	Closet Walls	0.3	A/M L N/A	Y				
	Cl Baseboard	0.1	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	0.1	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.3	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.1	M/I A/M L N/A	Y				
	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.2	A/M L N/A	Y				
D	Header Stop	0.2	M/I A/M L N/A	Y				
	Int Stops	0.3	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	.	A/M L N/A	Y				
C D	Mantle	.	A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding		A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — M 2929 — 10/10/2014
Inspector (print) — Lic # — Signature — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 115 Nantasket Ave — Apt. — Hull, MA 02045

ROOM # 5

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.1	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.1	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
-	Floor	0.1	A/M L N/A	Y				
-	Ceiling	0.2	A/M L N/A	Y				
A B	Door	0.2	A/M L N/A	Y				
C D	Door Casing	0.4	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.1	A/M L N/A	Y				
B	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.3	A/M L N/A	Y				
D	Closet Walls	0.3	A/M L N/A	Y				
	Cl Baseboard	0.1	A/M L N/A	Y				
1	Closet Pole	0.1	A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	0.1	A/M L N/A	Y				
	Closet Ceiling	0.4	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Window Sill	0.3	M/I A/M L N/A	Y				
	Win Apron	0.3	A/M L N/A	Y				
C	Win Casing	0.1	A/M L N/A	Y				
D	Header Stop	0.1	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	0.1	M/I A/M L N/A	Y				
B	Win Apron	0.1	A/M L N/A	Y				
C	Win Casing	0.3	A/M L N/A	Y				
D	Header Stop	0.3	M/I A/M L N/A	Y				
	Int Stops	0.2	M/I A/M L N/A	Y				
1	Win Int Sash	VR	M/I A/M L N/A	Y				
2	Exterior Sill	VR	M/I SF L N/A	Y				
3	Part Bead	VR	M/I L N/A	Y				
4	Blind Stop	/	M/I SF L N/A	Y				
	Win Ext Sash	VR	M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B	Fireplace	.	A/M L N/A	Y				
C D	Mantle	.	A/M L N/A	Y				
A B C D	Win Above 5'	.	A/M L N/A	Y				
	Ceiling Molding	/	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis | M 2929 | Signature | 10/10/2014
Inspector (print) | Lic # | Signature | Date

Risk Assessor (print) | Lic # | Signature | Date

Address of Property: 1157 Nantasket Ave Apt. Hull, MA 02045

HALLWAY: 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	0.4	A/M L N/A	Y				
A B C D	Low Walls	/	A/M L N/A	Y				
A B C D	Baseboards	0.3	A/M L N/A	Y				
A B C D	Chair Rail	/	A/M L N/A	Y				
A B C D	Radiator	/	A/M L N/A	Y				
-	Floor	Con	A/M L N/A	Y				
-	Ceiling	0.1	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.1	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold	/	A/M L N/A	Y				
A B	Door	0.4	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold	0.1	A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
#1	Door Jamb	0.2	A/M L N/A	Y				
	Threshold	/	A/M L N/A	Y				
A	Closet Door	0.3	A/M L N/A	Y				
B	Cl Casing	0.3	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	/	A/M L N/A	Y				
1	Closet Pole	/	A/M L N/A	Y				
2	Closet Shelf	/	A/M L N/A	Y				
3	Cl Supports	0.1	A/M L N/A	Y				
4	Closet Floor	0.1	A/M L N/A	Y				
	Closet Ceiling	0.3	A/M L N/A	Y				

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Closet Door	0.1	A/M L N/A	Y				
	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.2	A/M L N/A	Y				
	Cl Baseboard	0.4	A/M L N/A	Y				
1	Closet Pole	0.3	A/M L N/A	Y				
2	Closet Shelf	0.3	A/M L N/A	Y				
3	Cl Supports	0.1	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.1	A/M L N/A	Y				
A	Window Sill	/	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	/	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'	/	M/I A/M L N/A	Y				
A B C D	Ceiling Molding	/	M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis | M 2929 | 10/10/2014
Inspector (print) | Lic # | Signature | Date

Risk Assessor (print) | Lic # | Signature | Date

Address of Property: 115 Nantasket Ave Apt. Hull, MA 02045

HALLWAY: 1 Cont..

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B C D	Up Walls	.	A/M L N/A	Y				
A B C D	Low Walls	.	A/M L N/A	Y				
A B C D	Baseboards		A/M L N/A	Y				
A B C D	Chair Rail	.	A/M L N/A	Y				
A B C D	Radiator	.	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Ceiling		A/M L N/A	Y				
A B	Door	0.3	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.1	A/M L N/A	Y				
3 4	Threshold		A/M L N/A	Y				
A B	Door	0.1	A/M L N/A	Y				
C D	Door Casing	0.2	A/M L N/A	Y				
1 2	Door Jamb	0.2	A/M L N/A	Y				
3 4	Threshold		A/M L N/A	Y				
A B	Door	0.4	A/M L N/A	Y				
C D	Door Casing	0.3	A/M L N/A	Y				
1 2	Door Jamb	0.3	A/M L N/A	Y				
3 4	Threshold		A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
1 2	Door Jamb	.	A/M L N/A	Y				
3 4	Threshold	.	A/M L N/A	Y				
A B	Door	.	A/M L N/A	Y				
C D	Door Casing		A/M L N/A	Y				
#	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
A	Closet Door	0.3	A/M L N/A	Y				
B	Cl Casing	0.2	A/M L N/A	Y				
C	Closet Jamb	0.2	A/M L N/A	Y				
D	Closet Walls	0.4	A/M L N/A	Y				
	Cl Baseboard	0.3	A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf	0.1	A/M L N/A	Y				
3	Cl Supports	0.1	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.2	A/M L N/A	Y				

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Closet Door	0.1	A/M L N/A	Y				
	Cl Casing	0.1	A/M L N/A	Y				
C	Closet Jamb	0.3	A/M L N/A	Y				
D	Closet Walls	0.3	A/M L N/A	Y				
	Cl Baseboard	0.1	A/M L N/A	Y				
1	Closet Pole		A/M L N/A	Y				
2	Closet Shelf	0.2	A/M L N/A	Y				
3	Cl Supports	0.2	A/M L N/A	Y				
4	Closet Floor	Con	A/M L N/A	Y				
	Closet Ceiling	0.3	A/M L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A	Window Sill	.	M/I A/M L N/A	Y				
B	Win Apron	.	A/M L N/A	Y				
C	Win Casing	.	A/M L N/A	Y				
D	Header Stop	.	M/I A/M L N/A	Y				
	Int Stops	.	M/I A/M L N/A	Y				
1	Win Int Sash		M/I A/M L N/A	Y				
2	Exterior Sill		M/I SF L N/A	Y				
3	Part Bead		M/I L N/A	Y				
4	Blind Stop		M/I SF L N/A	Y				
	Win Ext Sash		M/I L N/A	Y				
A B C D	Win Above 5'		M/I A/M L N/A	Y				
A B C D	Ceiling Molding		M/I A/M L N/A	Y				
		.	M/I A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis	M 2929		10/10/2014
Inspector (print)	Lic #	Signature	Date

Risk Assessor (print)	Lic#	Signature	Date

Address of Property: 115 Nantasket Ave Apt. Hull, MA 02045

EXTERIOR A Side

SIDE A	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A	Siding	CON	L N/A	Y				
	Corner Boards	CON	L N/A	Y				
	Lower Trim	CON	L N/A	Y				
	Upper Trim	CON	L N/A	Y				
	Win Above 5'	CON	L N/A	Y				
	Porch Above 5'	/	L N/A	Y				
A 1 2 3 4	Storm Door	0.3	A/M L N/A	Y				
	Door	0.3	A/M L N/A	Y				
	Door Casing	CON	A/M L N/A	Y				
	Door Jamb	0.2	A/M L N/A	Y				
	Threshold	0.2	A/M L N/A	Y				
	Kickplate	0.4	A/M L N/A	Y				
A 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
A 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
A #3	Window Sill	CON	A/M L N/A	Y				
	Win Casing	CON	A/M L N/A	Y				
	Window Sash	VR	A/M L N/A	Y				
A #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE A	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
A #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
A #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
A	Foundation	0.3	L N/A	Y				
	Bulkhead	.	A/M L N/A	Y				
	Fences	0.3	A/M L N/A	Y				
	Shutters	/	A/M L N/A	Y				
A	Newel post	.	A/M L N/A	Y				
	Railing Cap		A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
A	Drain Pipes	0.2	L N/A	Y				
	Elec Conduit	0.2	L N/A	Y				
	Oil Fill Pipe	/	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE A	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
A				
A				
A				
A				

Soil Test Results

(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic# — Signature — Date

Address of Property: 1157 Nantasket Ave Apt. Hull, MA 02045

EXTERIOR B Side

SIDE B	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
B	Siding	CON	L N/A	Y				
	Corner Boards	CON	L N/A	Y				
	Lower Trim	CON	L N/A	Y				
	Upper Trim	CON	L N/A	Y				
	Win Above 5'	CON	L N/A	Y				
	Porch Above 5'		L N/A	Y				
B 1 2 3 4	Storm Door	0.3	A/M L N/A	Y				
	Door	0.3	A/M L N/A	Y				
	Door Casing	CON	A/M L N/A	Y				
	Door Jamb	0.2	A/M L N/A	Y				
	Threshold	0.2	A/M L N/A	Y				
	Kickplate	0.3	A/M L N/A	Y				
B 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
B 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
B #1	Window Sill	CON	A/M L N/A	Y				
	Win Casing	CON	A/M L N/A	Y				
	Window Sash	CON	A/M L N/A	Y				
B #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash		A/M L N/A	Y				
B #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
B	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE B	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
B #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
B #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
B	Foundation	0.3	L N/A	Y				
	Column	0.2	A/M L N/A	Y				
	Joists	0.4	A/M L N/A	Y				
	Ceiling	CON	A/M L N/A	Y				
B	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
B	Drain Pipes	0.3	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Oil Fill Pipe	.	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE B	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
B				
B				
B				
B				

Soil Test Results

(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				

Comments:

Anthony Jakaitis | M 2929 | | 10/10/2014
Inspector (print) | Lic # | Signature | Date

Risk Assessor (print) | Lic# | Signature | Date

Address of Property: 115 Nantasket Ave Apt. Hull, MA 02045

EXTERIOR C Side

SIDE C	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
C	Siding	CON	L N/A	Y				
	Corner Boards	CON	L N/A	Y				
	Lower Trim	CON	L N/A	Y				
	Upper Trim	CON	L N/A	Y				
	Win Above 5'	CON	L N/A	Y				
	Porch Above 5'		L N/A	Y				
C 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
C 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
C 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
C #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C #C3	Window Sill	CON	A/M L N/A	Y				
	Win Casing	CON	A/M L N/A	Y				
	Window Sash	CON	A/M L N/A	Y				
C #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE C	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
C #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
C #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
C	Foundation	0.3	L N/A	Y				
	Bulkhead	.	A/M L N/A	Y				
	Fences	0.2	A/M L N/A	Y				
	Shutters		A/M L N/A	Y				
C	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
C	Drain Pipes	0.2	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Oil Fill Pipe	.	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE C	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
C				
C				
C				
C				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				
Comments:				

Anthony Jakaitis | M 2929 | 10/10/2014
Inspector (print) | Lic # | Signature | Date

Risk Assessor (print) | Lic# | Signature | Date

Address of Property: 115 Nantasket Ave Apt. Hull, MA 02045

EXTERIOR D Side

SIDE D	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
D	Siding	con	L N/A	Y				
	Corner Boards	con	L N/A	Y				
	Lower Trim	con	L N/A	Y				
	Upper Trim	con	L N/A	Y				
	Win Above 5'	con	L N/A	Y				
	Porch Above 5'		L N/A	Y				
D 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
D 1 2 3 4	Storm Door	.	A/M L N/A	Y				
	Door	.	A/M L N/A	Y				
	Door Casing		A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
	Kickplate	.	A/M L N/A	Y				
D 1 2 3 4	Door	.	A/M L N/A	Y				
	Door Casing	.	A/M L N/A	Y				
	Door Jamb	.	A/M L N/A	Y				
	Threshold	.	A/M L N/A	Y				
D #2	Window Sill	con	A/M L N/A	Y				
	Win Casing	con	A/M L N/A	Y				
	Window Sash	VR	A/M L N/A	Y				
D #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D #	Window Sill	.	A/M L N/A	Y				
	Win Casing	.	A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D	Lamp Post	.	L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE D	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
#	Window Sill	.	A/M L N/A	Y				
	Win Casing		A/M L N/A	Y				
	Window Sash	.	A/M L N/A	Y				
D #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash	.	A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame		A/M L N/A	Y				
D #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D #	Cellar Win Sill	.	A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame	.	A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D #	Cellar Win Sill		A/M L N/A	Y				
	Cel Win Sash		A/M L N/A	Y				
	Cel Win Frame		A/M L N/A	Y				
	Screen Frame	.	A/M L N/A	Y				
D	Foundation	0.3	L N/A	Y				
	Bulkhead		A/M L N/A	Y				
	Fences	0.3	A/M L N/A	Y				
	Shutters		A/M L N/A	Y				
D	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail		A/M L N/A	Y				
	Balusters		A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads	.	A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
D	Drain Pipes	.	L N/A	Y				
	Elec Conduit	.	L N/A	Y				
	Gas Pipe	0.2	L N/A	Y				
	Overhang Trim	.	A/M L N/A	Y				

Excluded Surfaces: Surfaces listed in this box can be made intact only by a licensed deleader

SIDE D	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METH
D				
D				
D				
D				

Soil Test Results
(Must be less than 400 ppm for play area / 1200 ppm for bare soil)

LOCATION	AREA MEASUREMENT (Square Feet)	RESULT (PPM)	REMED DATE	REMED METH
Play Area				
Bare Soil				
Comments:				

Anthony Jakaitis	M 2929		10/10/2014
Inspector (print)	Lic #	Signature	Date

Risk Assessor (print)	Lic #	Signature	Date

Address of Property: 1157 Nanatasket Ave Apt. Hull

Shed 1

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B	Siding	Con	L N/A	Y				
C D	Corner Boards	Con	L N/A	Y				
-	Upper Trim	Con	L N/A	Y				
-	Ceiling	.	L N/A	Y				
-	Joists	.	L N/A	Y				
A	Door	0.3	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	Con	A/M L N/A	Y				
D	Door Jamb	0.1	A/M L N/A	Y				
1 2	Threshold	0.1	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
A	Door	.	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	.	A/M L N/A	Y				
D	Door Jamb	.	A/M L N/A	Y				
1 2	Threshold	.	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing	.	A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
	Support Clmns	0.3	A/M L N/A	Y				
	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail	.	A/M L N/A	Y				
	Balusters	.	A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads		A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lower Walls		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
	Lower Trim	.	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Sidelites	.	A/M L N/A	Y				
		.	A/M L N/A	Y				
	Foundation	0.2	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Anthony Jakaitis — Inspector (print)
M 2929 — Lic #
Signature
10/10/2014 — Date

Risk Assessor (print) — Lic # — Signature — Date

Address of Property: 115?Nanatasket Ave Apt. Hull

Shed 2

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
A B	Siding	0.3	L N/A	Y				
C D	Corner Boards	0.3	L N/A	Y				
-	Upper Trim	0.2	L N/A	Y				
-	Ceiling		L N/A	Y				
-	Joists	.	L N/A	Y				
A	Door	0.1	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	0.1	A/M L N/A	Y				
D	Door Jamb	0.3	A/M L N/A	Y				
1 2	Threshold	0.3	A/M L N/A	Y				
3 4	Kickplate		A/M L N/A	Y				
A	Door	.	A/M L N/A	Y				
B	Storm Door	.	A/M L N/A	Y				
C	Door Casing	.	A/M L N/A	Y				
D	Door Jamb	.	A/M L N/A	Y				
1 2	Threshold	.	A/M L N/A	Y				
3 4	Kickplate	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				
A B	Window Sill	.	A/M L N/A	Y				
C D	Win Casing		A/M L N/A	Y				
1 2	Window Sash	.	A/M L N/A	Y				
3 4	Mullions	.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

SIDE	LOCATION/ SURFACE	LEAD	TYPE OF HAZARD	URG HAZ?	IC DATE	IC METH	DELEAD DATE	DELEAD METH
	Support Clmns	.	A/M L N/A	Y				
	Newel post	.	A/M L N/A	Y				
	Railing Cap	.	A/M L N/A	Y				
	Handrail	.	A/M L N/A	Y				
	Balusters	.	A/M L N/A	Y				
	Lower Rail		A/M L N/A	Y				
	Treads		A/M L N/A	Y				
	Risers		A/M L N/A	Y				
	Stringer	.	A/M L N/A	Y				
	Lower Walls		A/M L N/A	Y				
	Lattice	.	A/M L N/A	Y				
	Lower Trim	0.2	A/M L N/A	Y				
	Floor	.	A/M L N/A	Y				
	Sidelites	.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
			A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				
		.	A/M L N/A	Y				

COMMENTS / STRUCTURAL DEFECTS:

EXCLUDED SURFACES: Surfaces listed in these boxes can be made intact only by a licensed deleader.

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 1440 SQ. IN.)	IC DATE	IC METHOD

SIDE	LOCATION	MEASURE: LOOSE PAINT (MORE THAN 288 SQ. IN.)	IC DATE	IC METHOD

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014

Inspector/Risk Assessor — Lic# — Date

1161 Nantasket Ave — Hull

Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
1	ABCD	Walls	0	NO	Dry Wall		
1	ABCD	Baseboards	0.2	NO	Wood		
1		Floor	COV	NO			
1		Ceiling	NA	NO	Dry Wall		
1	C	Door	0.1	NO	Wood		
1	C	Door Casing	0	NO	Wood		
1	C	Door Jamb	0.2	NO	Wood		
1	A	Window Sill	0.3	NO	Wood		
1	A	Window Casing	0.2	NO	Wood		
1	A	Window Stops	0.1	NO	Wood		
1	A	Window Sash	VR	NO	Vinyl Replacement		
1	C	Closet Shelves	0.3	NO	Wood		
1	C	Closet Supports	0.2	NO	Wood		
2	ABCD	Walls	0.1	NO	Dry Wall		
2	ABCD	Baseboards	0.2	NO	Wood		
2		Floor	COV	NO			
2		Ceiling	NA	NO	Dry Wall		
2	A	Door	0.2	NO	Wood		
2	A	Door Casing	0.3	NO	Wood		
2	A	Door Jamb	0.1	NO	Wood		
2	A	Window Sill	0.2	NO	Wood		
2	A	Window Casing	0.2	NO	Wood		
2	A	Window Stops	0.3	NO	Wood		
2	A	Window Sash	VR	NO	Vinyl Replacement		
2		Closet Shelves		NO	Wood		
2		Closet Supports		NO	Wood		
3	ABCD	Walls	0	NO	Dry Wall		
3	ABCD	Baseboards	0.2	NO	Wood		
3		Floor	COV	NO			
3		Ceiling	NA	NO	Dry Wall		
3	A	Door	0.2	NO	Wood		
3	A	Door Casing	0.1	NO	Wood		
3	A	Door Jamb	0.2	NO	Wood		
3	B	Window Sill	0.1	NO	Wood		
3	B	Window Casing	0.1	NO	Wood		
3	B	Window Stops	0.2	NO	Wood		
3	B	Window Sash	VR	NO	Vinyl Replacement		
3	D	Closet Shelves	0.2	NO	Wood		
3	D	Closet Supports	0.3	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014

Inspector/Risk Assessor — Lic# — Date

1161 Nantasket Ave — Hull

Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
4	ABCD	Walls	0.1	NO	Dry Wall		
4	ABCD	Baseboards	0.2	NO	Wood		
4		Floor	COV	NO			
4		Ceiling	NA	NO	Dry Wall		
4	A	Door	0.2	NO	Wood		
4	A	Door Casing	0.1	NO	Wood		
4	A	Door Jamb	0.2	NO	Wood		
4	C	Window Sill	0.1	NO	Wood		
4	C	Window Casing	0.3	NO	Wood		
4	C	Window Stops	0.2	NO	Wood		
4	C	Window Sash	VR	NO	Vinyl Replacement		
4	B	Closet Shelves	0.3	NO	Wood		
4	B	Closet Supports	0.2	NO	Wood		
5	ABCD	Walls	0.2	NO	Dry Wall		
5	ABCD	Baseboards	0.2	NO	Wood		
5		Floor	COV	NO			
5		Ceiling	NA	NO	Dry Wall		
5	A	Door	0.1	NO	Wood		
5	A	Door Casing	0.2	NO	Wood		
5	A	Door Jamb	0.2	NO	Wood		
5	C	Window Sill	0.2	NO	Wood		
5	C	Window Casing	0.1	NO	Wood		
5	C	Window Stops	0.1	NO	Wood		
5	C	Window Sash	VR	NO	Vinyl Replacement		
5	B	Closet Shelves	0.3	NO	Wood		
5	B	Closet Supports	0.2	NO	Wood		
Hall	ABCD	Walls	0.1	NO	Dry Wall		
Hall	ABCD	Baseboards	0.3	NO	Wood		
Hall		Floor	COV	NO			
Hall		Ceiling	0.1	NO	Dry Wall		
Hall	A	Door	0.2	NO	Wood		
Hall	A	Door Casing	0.1	NO	Wood		
Hall	A	Door Jamb	0.1	NO	Wood		
Hall		Closet Shelves		NO	Wood		
Hall	A	Closet Supports	0.1	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

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10/10/2014 — Date

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ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Kitchen	ABCD	Walls	0.2	NO	Dry Wall		
Kitchen	ABCD	Baseboards	0.3	NO	Wood		
Kitchen		Floor	COV	NO			
Kitchen		Ceiling	0.1	NO	Dry Wall		
Kitchen	B	Door	0.1	NO	Wood		
Kitchen	B	Door Casing	0.2	NO	Wood		
Kitchen	B	Door Jamb	0.2	NO	Wood		
Kitchen	A	Window Sill	0.1	NO	Wood		
Kitchen	A	Window Casing	0.3	NO	Wood		
Kitchen	A	Window Stops	0.1	NO	Wood		
Kitchen	A	Window Sash	VR	NO	Vinyl Replacement		
	ACD	Up Cabinet Frame	0.2	NO	Wood		
Kitchen	ACD	Up Cabinet Door	0.4	NO	Wood		
Kitchen	ACD	Up Cabinet Walls	0.3	NO	Dry Wall		
Kitchen	ACD	Up Cabinet Shelves	0.3	NO	Wood		
Kitchen	ACD	Up Cabinet Supports	0.1	NO			
Kitchen	ACD	Low Cabinet Frame	0.1	NO	Dry Wall		
Kitchen	ACD	Low Cabinet Door	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Walls	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Shelves	0.4	NO	Wood		
Kitchen	ACD	Low Cabinet Supports	0.3	NO	Wood		
Kitchen	ACD	Drawers	0.3	NO	Wood		
Bath	ABCD	Walls	0.1	NO	Dry Wall		
Bath	ABCD	Baseboards	0.1	NO	Wood		
Bath		Floor	COV	NO			
Bath		Ceiling	0.3	NO	Dry Wall		
Bath	CD	Walls	0.2	NO	Dry Wall		
Bath	CD	Door	0.3	NO	Wood		
Bath	CD	Door Casing	0.2	NO	Wood		
Bath	CD	Door Jamb	0.2	NO	Wood		
Bath		Window Sill		NO	Wood		
Bath		Window Casing		NO	Wood		
Bath		Window Stops		NO	Wood		
Bath		Window Sash	VR	NO	Vinyl Replacement		
Bath	A	Medicine Cabinet	0.3	NO	Metal		
Bath	A	Low Cabinet Frame	0.3	NO	Wood		
Bath	A	Low Cabinet Door	0.3	NO	Wood		
Bath	A	Low Cabinet Walls	0.1	NO	Wood		
Bath	A	Low Cabinet Shelves	0.1	NO	Wood		
Bath	A	Low Cabinet Supports	0.2	NO	Wood		

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ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Exterior	A	Siding	Cov	NO	Vinyl		
Exterior	A	Upper Trim	Cov	NO	Aluminum		
Exterior	A	Foundation	0.4	NO	Concrete		
Exterior	A	Drain Pipes		NO	Aluminum		
Exterior	A	Door	0.2	NO	Metal		
Exterior	A	Door Casing	COV	NO	Wood		
Exterior	A	Door Jamb	0.2	NO	Wood		
Exterior	A	Threshold	0.3	NO	Metal		
Exterior	A	Window Sill	Cov	NO	Aluminum		
Exterior	A	Window Casing	Cov	NO	Aluminum		
Exterior	A	Window Sash	VR	NO	Vinyl Replacement		
Exterior		Columns		NO	Wood		
Exterior		Joists		NO	Wood		
Exterior		Ceiling	Cov	NO	Aluminum		
Exterior		Fence		NO	Wood		
Exterior		Gas Pipes		NO	Metal		
Exterior		Electrical Conduit		NO	Metal		
Shed 1		Siding	Cov	NO	Vinyl		
Shed 1		Upper Trim	Cov	NO	Aluminum		
Shed 1		Door Casing	Cov	NO	Aluminum		
Shed 1		Door Jamb	0.2	NO	Wood		
Shed 1		Columns		NO	Wood		
Shed 1		Foundation	0.2	NO	Concrete		
Shed 2		Siding		NO	Wood		
Shed 2		Upper Trim		NO	Wood		
Shed 2		Corner Boards		NO	Wood		
Shed 2		Lower Trim		NO	Wood		
Shed 2		Door		NO	Wood		
Shed 2		Door Casing		NO	Wood		
Shed 2		Door Jamb		NO	Wood		
Shed 2		Threshold		NO	Metal		

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ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
1	ABCD	Walls	0.2	NO	Dry Wall		
1	ABCD	Baseboards	0.2	NO	Wood		
1		Floor	COV	NO			
1		Ceiling	NA	NO	Dry Wall		
1	C	Door	0.1	NO	Wood		
1	C	Door Casing	0	NO	Wood		
1	C	Door Jamb	0.1	NO	Wood		
1	A	Window Sill	0.1	NO	Wood		
1	A	Window Casing	0.2	NO	Wood		
1	A	Window Stops	0.1	NO	Wood		
1	A	Window Sash	VR	NO	Vinyl Replacement		
1	C	Closet Shelves	0.2	NO	Wood		
1	C	Closet Supports	0.1	NO	Wood		
2	ABCD	Walls	0.1	NO	Dry Wall		
2	ABCD	Baseboards	0.2	NO	Wood		
2		Floor	COV	NO			
2		Ceiling	NA	NO	Dry Wall		
2	A	Door	0.1	NO	Wood		
2	A	Door Casing	0.1	NO	Wood		
2	A	Door Jamb	0	NO	Wood		
2	A	Window Sill	0.2	NO	Wood		
2	A	Window Casing	0.3	NO	Wood		
2	A	Window Stops	0.1	NO	Wood		
2	A	Window Sash	VR	NO	Vinyl Replacement		
2		Closet Shelves		NO	Wood		
2		Closet Supports		NO	Wood		
3	ABCD	Walls	0.1	NO	Dry Wall		
3	ABCD	Baseboards	0.2	NO	Wood		
3		Floor	COV	NO			
3		Ceiling	NA	NO	Dry Wall		
3	A	Door	0.2	NO	Wood		
3	A	Door Casing	0.1	NO	Wood		
3	A	Door Jamb	0.1	NO	Wood		
3	B	Window Sill	0.4	NO	Wood		
3	B	Window Casing	0	NO	Wood		
3	B	Window Stops	0.2	NO	Wood		
3	B	Window Sash	VR	NO	Vinyl Replacement		
3	D	Closet Shelves	0.3	NO	Wood		
3	D	Closet Supports	0.2	NO	Wood		

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ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
4	ABCD	Walls	0	NO	Dry Wall		
4	ABCD	Baseboards	0.2	NO	Wood		
4		Floor	COV	NO			
4		Ceiling	NA	NO	Dry Wall		
4	A	Door	0.2	NO	Wood		
4	A	Door Casing	0.1	NO	Wood		
4	A	Door Jamb	0.1	NO	Wood		
4	C	Window Sill	0.1	NO	Wood		
4	C	Window Casing	0.1	NO	Wood		
4	C	Window Stops	0.1	NO	Wood		
4	C	Window Sash	VR	NO	Vinyl Replacement		
4	B	Closet Shelves	0.2	NO	Wood		
4	B	Closet Supports	0.1	NO	Wood		
5	ABCD	Walls	0	NO	Dry Wall		
5	ABCD	Baseboards	0.2	NO	Wood		
5		Floor	COV	NO			
5		Ceiling	NA	NO	Dry Wall		
5	A	Door	0.1	NO	Wood		
5	A	Door Casing	0.2	NO	Wood		
5	A	Door Jamb	0.2	NO	Wood		
5	C	Window Sill	0.1	NO	Wood		
5	C	Window Casing	0.2	NO	Wood		
5	C	Window Stops	0.1	NO	Wood		
5	C	Window Sash	VR	NO	Vinyl Replacement		
5	B	Closet Shelves	0.3	NO	Wood		
5	B	Closet Supports	0.2	NO	Wood		
Hall	ABCD	Walls	0.1	NO	Dry Wall		
Hall	ABCD	Baseboards	0.2	NO	Wood		
Hall		Floor	COV	NO			
Hall		Ceiling	NA	NO	Dry Wall		
Hall	A	Door	0.2	NO	Wood		
Hall	A	Door Casing	0.3	NO	Wood		
Hall	A	Door Jamb	0.1	NO	Wood		
Hall		Closet Shelves		NO	Wood		
Hall	A	Closet Supports	0.1	NO	Wood		

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ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Kitchen	ABCD	Walls	0.1	NO	Dry Wall		
Kitchen	ABCD	Baseboards	0.2	NO	Wood		
Kitchen		Floor	COV	NO			
Kitchen		Ceiling	NA	NO	Dry Wall		
Kitchen	B	Door	0.3	NO	Wood		
Kitchen	B	Door Casing	0.1	NO	Wood		
Kitchen	B	Door Jamb	0.1	NO	Wood		
Kitchen	A	Window Sill	0.3	NO	Wood		
Kitchen	A	Window Casing	0	NO	Wood		
Kitchen	A	Window Stops	0.1	NO	Wood		
Kitchen	A	Window Sash	VR	NO	Vinyl Replacement		
	ACD	Up Cabinet Frame	0.4	NO	Wood		
Kitchen	ACD	Up Cabinet Door	0.1	NO	Wood		
Kitchen	ACD	Up Cabinet Walls	0.1	NO	Dry Wall		
Kitchen	ACD	Up Cabinet Shelves	0.2	NO	Wood		
Kitchen	ACD	Up Cabinet Supports	0.1	NO			
Kitchen	ACD	Low Cabinet Frame	0.4	NO	Dry Wall		
Kitchen	ACD	Low Cabinet Door	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Walls	0.1	NO	Wood		
Kitchen	ACD	Low Cabinet Shelves	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Supports	0.2	NO	Wood		
Kitchen	ACD	Drawers	0.2	NO	Wood		
Bath	ABCD	Walls	0.2	NO	Dry Wall		
Bath	ABCD	Baseboards	0.3	NO	Wood		
Bath		Floor	COV	NO			
Bath		Ceiling	0.1	NO	Dry Wall		
Bath	D	Walls		NO	Dry Wall		
Bath	D	Door	0.2	NO	Wood		
Bath	D	Door Casing	0.1	NO	Wood		
Bath	D	Door Jamb	0.2	NO	Wood		
Bath		Window Sill		NO	Wood		
Bath		Window Casing		NO	Wood		
Bath		Window Stops		NO	Wood		
Bath		Window Sash	VR	NO	Vinyl Replacement		
Bath	A	Medicine Cabinet	0.2	NO	Metal		
Bath	A	Low Cabinet Frame	0.4	NO	Wood		
Bath	A	Low Cabinet Door	0.1	NO	Wood		
Bath	A	Low Cabinet Walls	0	NO	Wood		
Bath	A	Low Cabinet Shelves	0.2	NO	Wood		
Bath	A	Low Cabinet Supports	0.01	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

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ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Exterior	A	Siding	Cov	NO	Vinyl		
Exterior	A	Upper Trim	Cov	NO	Aluminum		
Exterior	A	Foundation	0.3	NO	Concrete		
Exterior	A	Drain Pipes		NO	Aluminum		
Exterior	A	Door	0.3	NO	Metal		
Exterior	A	Door Casing	COV	NO	Wood		
Exterior	A	Door Jamb	0.3	NO	Wood		
Exterior	A	Threshold	0.2	NO	Metal		
Exterior	A	Window Sill	Cov	NO	Aluminum		
Exterior	A	Window Casing	Cov	NO	Aluminum		
Exterior	A	Window Sash	VR	NO	Vinyl Replacement		
Exterior		Columns		NO	Wood		
Exterior		Joists		NO	Wood		
Exterior		Ceiling	Cov	NO	Aluminum		
Exterior		Fence		NO	Wood		
Exterior		Gas Pipes		NO	Metal		
Exterior		Electrical Conduit		NO	Metal		
Shed 1		Siding	Cov	NO	Vinyl		
Shed 1		Upper Trim	Cov	NO	Aluminum		
Shed 1		Door Casing	Cov	NO	Aluminum		
Shed 1		Door Jamb	0.1	NO	Wood		
Shed 1		Columns		NO	Wood		
Shed 1		Foundation	0.2	NO	Concrete		
Shed 2		Siding		NO	Wood		
Shed 2		Upper Trim		NO	Wood		
Shed 2		Corner Boards		NO	Wood		
Shed 2		Lower Trim		NO	Wood		
Shed 2		Door		NO	Wood		
Shed 2		Door Casing		NO	Wood		
Shed 2		Door Jamb		NO	Wood		
Shed 2		Threshold		NO	Metal		

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ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
1	ABCD	Walls	0	NO	Dry Wall		
1	ABCD	Baseboards	0.1	NO	Wood		
1		Floor	COV	NO			
1		Ceiling	NA	NO	Dry Wall		
1	A	Door	0.2	NO	Wood		
1	A	Door Casing	0.3	NO	Wood		
1	A	Door Jamb	0.1	NO	Wood		
1	A	Window Sill	0.4	NO	Wood		
1	A	Window Casing	0.1	NO	Wood		
1	A	Window Stops	0.1	NO	Wood		
1	A	Window Sash	VR	NO	Vinyl Replacement		
1		Closet Shelves		NO	Wood		
1		Closet Supports		NO	Wood		
2	ABCD	Walls	0.1	NO	Dry Wall		
2	ABCD	Baseboards	0.2	NO	Wood		
2		Floor	COV	NO			
2		Ceiling	NA	NO	Dry Wall		
2	C	Door	0.1	NO	Wood		
2	C	Door Casing	0.2	NO	Wood		
2	C	Door Jamb	0.2	NO	Wood		
2	A	Window Sill	0.2	NO	Wood		
2	A	Window Casing	0.3	NO	Wood		
2	A	Window Stops	0.1	NO	Wood		
2	A	Window Sash	VR	NO	Vinyl Replacement		
2		Closet Shelves		NO	Wood		
2		Closet Supports		NO	Wood		
3	ABCD	Walls	0.1	NO	Dry Wall		
3	ABCD	Baseboards	0.1	NO	Wood		
3		Floor	COV	NO			
3		Ceiling	NA	NO	Dry Wall		
3	A	Door	0.2	NO	Wood		
3	A	Door Casing	0.1	NO	Wood		
3	A	Door Jamb	0.2	NO	Wood		
3	B	Window Sill	0.2	NO	Wood		
3	B	Window Casing	0.2	NO	Wood		
3	B	Window Stops	0.2	NO	Wood		
3	B	Window Sash	VR	NO	Vinyl Replacement		
3	D	Closet Shelves	0.3	NO	Wood		
3	D	Closet Supports	0.2	NO	Wood		

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4	ABCD	Walls	0.1	NO	Dry Wall		
4	ABCD	Baseboards	0.2	NO	Wood		
4		Floor	COV	NO			
4		Ceiling	NA	NO	Dry Wall		
4	A	Door	0.2	NO	Wood		
4	A	Door Casing	0.1	NO	Wood		
4	A	Door Jamb	0.2	NO	Wood		
4	C	Window Sill	0.1	NO	Wood		
4	C	Window Casing	0.2	NO	Wood		
4	C	Window Stops	0.1	NO	Wood		
4	C	Window Sash	VR	NO	Vinyl Replacement		
4	B	Closet Shelves	0.3	NO	Wood		
4	B	Closet Supports	0.1	NO	Wood		
5	ABCD	Walls	0	NO	Dry Wall		
5	ABCD	Baseboards	0.2	NO	Wood		
5		Floor	COV	NO			
5		Ceiling	NA	NO	Dry Wall		
5	A	Door	0.2	NO	Wood		
5	A	Door Casing	0.2	NO	Wood		
5	A	Door Jamb	0.1	NO	Wood		
5	C	Window Sill	0.3	NO	Wood		
5	C	Window Casing	0.3	NO	Wood		
5	C	Window Stops	0.2	NO	Wood		
5	C	Window Sash	VR	NO	Vinyl Replacement		
5	B	Closet Shelves	0.2	NO	Wood		
5	B	Closet Supports	0.1	NO	Wood		
Hall	ABCD	Walls	0.3	NO	Dry Wall		
Hall	ABCD	Baseboards	0.1	NO	Wood		
Hall		Floor	COV	NO			
Hall		Ceiling	NA	NO	Dry Wall		
Hall	A	Door	0.3	NO	Wood		
Hall	A	Door Casing	0.3	NO	Wood		
Hall	A	Door Jamb	0.1	NO	Wood		
Hall		Closet Shelves		NO	Wood		
Hall	A	Closet Supports	0.3	NO	Wood		

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Kitchen	ABCD	Walls	0.1	NO	Dry Wall		
Kitchen	ABCD	Baseboards	0.2	NO	Wood		
Kitchen		Floor	COV	NO			
Kitchen		Ceiling	NA	NO	Dry Wall		
Kitchen	B	Door	0.3	NO	Wood		
Kitchen	B	Door Casing	0.1	NO	Wood		
Kitchen	B	Door Jamb	0.1	NO	Wood		
Kitchen	A	Window Sill	0.3	NO	Wood		
Kitchen	A	Window Casing	0	NO	Wood		
Kitchen	A	Window Stops	0.1	NO	Wood		
Kitchen	A	Window Sash	VR	NO	Vinyl Replacement		
	ACD	Up Cabinet Frame	0.4	NO	Wood		
Kitchen	ACD	Up Cabinet Door	0.1	NO	Wood		
Kitchen	ACD	Up Cabinet Walls	0.1	NO	Dry Wall		
Kitchen	ACD	Up Cabinet Shelves	0.2	NO	Wood		
Kitchen	ACD	Up Cabinet Supports	0.1	NO			
Kitchen	ACD	Low Cabinet Frame	0.4	NO	Dry Wall		
Kitchen	ACD	Low Cabinet Door	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Walls	0.1	NO	Wood		
Kitchen	ACD	Low Cabinet Shelves	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Supports	0.2	NO	Wood		
Kitchen	ACD	Drawers	0.2	NO	Wood		
Bath	ABCD	Walls	0.2	NO	Dry Wall		
Bath	ABCD	Baseboards	0.3	NO	Wood		
Bath		Floor	COV	NO			
Bath		Ceiling	0.1	NO	Dry Wall		
Bath	D	Walls		NO	Dry Wall		
Bath	D	Door	0.2	NO	Wood		
Bath	D	Door Casing	0.1	NO	Wood		
Bath	D	Door Jamb	0.2	NO	Wood		
Bath		Window Sill		NO	Wood		
Bath		Window Casing		NO	Wood		
Bath		Window Stops		NO	Wood		
Bath		Window Sash	VR	NO	Vinyl Replacement		
Bath	A	Medicine Cabinet	0.2	NO	Metal		
Bath	A	Low Cabinet Frame	0.4	NO	Wood		
Bath	A	Low Cabinet Door	0.1	NO	Wood		
Bath	A	Low Cabinet Walls	0	NO	Wood		
Bath	A	Low Cabinet Shelves	0.2	NO	Wood		
Bath	A	Low Cabinet Supports	0.01	NO	Wood		

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M 2929/R 2929 — Lic#
10/10/2014 — Date

1165 Nantasket Ave — Address of Property
Apt#
Hull — City
Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Exterior	A	Siding	Cov	NO	Vinyl		
Exterior	A	Upper Trim	Cov	NO	Aluminum		
Exterior	A	Foundation	0.4	NO	Concrete		
Exterior	A	Drain Pipes		NO	Aluminum		
Exterior	A	Door	0.2	NO	Metal		
Exterior	A	Door Casing	COV	NO	Wood		
Exterior	A	Door Jamb	0.2	NO	Wood		
Exterior	A	Threshold	0.2	NO	Metal		
Exterior	A	Window Sill	Cov	NO	Aluminum		
Exterior	A	Window Casing	Cov	NO	Aluminum		
Exterior	A	Window Sash	VR	NO	Vinyl Replacement		
Exterior		Columns		NO	Wood		
Exterior		Joists		NO	Wood		
Exterior		Ceiling	Cov	NO	Aluminum		
Exterior		Fence		NO	Wood		
Exterior		Gas Pipes		NO	Metal		
Exterior		Electrical Conduit		NO	Metal		
Shed 1		Siding	Cov	NO	Vinyl		
Shed 1		Upper Trim	Cov	NO	Aluminum		
Shed 1		Door Casing	Cov	NO	Aluminum		
Shed 1		Door Jamb	0.1	NO	Wood		
Shed 1		Columns		NO	Wood		
Shed 1		Foundation	0.2	NO	Concrete		
Shed 2		Siding		NO	Wood		
Shed 2		Upper Trim		NO	Wood		
Shed 2		Corner Boards		NO	Wood		
Shed 2		Lower Trim		NO	Wood		
Shed 2		Door		NO	Wood		
Shed 2		Door Casing		NO	Wood		
Shed 2		Door Jamb		NO	Wood		
Shed 2		Threshold		NO	Metal		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014

Inspector/Risk Assessor — Lic# — Date

1167 Nantasket Ave — Hull

Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
1	ABCD	Walls	0.1	NO	Dry Wall		
1	ABCD	Baseboards	0.1	NO	Wood		
1		Floor	COV	NO			
1		Ceiling	NA	NO	Dry Wall		
1	A	Door	0.2	NO	Wood		
1	A	Door Casing	0.3	NO	Wood		
1	A	Door Jamb	0.1	NO	Wood		
1	A	Window Sill	0.1	NO	Wood		
1	A	Window Casing	0.1	NO	Wood		
1	A	Window Stops	0.2	NO	Wood		
1	A	Window Sash	VR	NO	Vinyl Replacement		
1		Closet Shelves		NO	Wood		
1		Closet Supports		NO	Wood		
2	ABCD	Walls	0.2	NO	Dry Wall		
2	ABCD	Baseboards	0.1	NO	Wood		
2		Floor	COV	NO			
2		Ceiling	NA	NO	Dry Wall		
2	C	Door	0.1	NO	Wood		
2	C	Door Casing	0.1	NO	Wood		
2	C	Door Jamb	0	NO	Wood		
2	A	Window Sill	0.1	NO	Wood		
2	A	Window Casing	0.1	NO	Wood		
2	A	Window Stops	0.1	NO	Wood		
2	A	Window Sash	VR	NO	Vinyl Replacement		
2		Closet Shelves		NO	Wood		
2		Closet Supports		NO	Wood		
3	ABCD	Walls	0	NO	Dry Wall		
3	ABCD	Baseboards	0.1	NO	Wood		
3		Floor	COV	NO			
3		Ceiling	NA	NO	Dry Wall		
3	A	Door	0.2	NO	Wood		
3	A	Door Casing	0.1	NO	Wood		
3	A	Door Jamb	0.1	NO	Wood		
3	B	Window Sill	0.4	NO	Wood		
3	B	Window Casing	0.1	NO	Wood		
3	B	Window Stops	0	NO	Wood		
3	B	Window Sash	VR	NO	Vinyl Replacement		
3	D	Closet Shelves	0.4	NO	Wood		
3	D	Closet Supports	0.2	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014

Inspector/Risk Assessor — Lic# — Date

1167 Nantasket Ave — Hull

Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
4	ABCD	Walls	0.1	NO	Dry Wall		
4	ABCD	Baseboards	0.2	NO	Wood		
4		Floor	COV	NO			
4		Ceiling	NA	NO	Dry Wall		
4	A	Door	0.1	NO	Wood		
4	A	Door Casing	0	NO	Wood		
4	A	Door Jamb	0.1	NO	Wood		
4	C	Window Sill	0.3	NO	Wood		
4	C	Window Casing	0.2	NO	Wood		
4	C	Window Stops	0.1	NO	Wood		
4	C	Window Sash	VR	NO	Vinyl Replacement		
4	B	Closet Shelves	0.2	NO	Wood		
4	B	Closet Supports	0.3	NO	Wood		
5	ABCD	Walls	0.1	NO	Dry Wall		
5	ABCD	Baseboards	0.2	NO	Wood		
5		Floor	COV	NO			
5		Ceiling	NA	NO	Dry Wall		
5	A	Door	0.2	NO	Wood		
5	A	Door Casing	0.1	NO	Wood		
5	A	Door Jamb	0.3	NO	Wood		
5	C	Window Sill	0.2	NO	Wood		
5	C	Window Casing	0.3	NO	Wood		
5	C	Window Stops	0.2	NO	Wood		
5	C	Window Sash	VR	NO	Vinyl Replacement		
5	B	Closet Shelves	0.2	NO	Wood		
5	B	Closet Supports	0.1	NO	Wood		
Hall	ABCD	Walls	0	NO	Dry Wall		
Hall	ABCD	Baseboards	0.1	NO	Wood		
Hall		Floor	COV	NO			
Hall		Ceiling	NA	NO	Dry Wall		
Hall	A	Door	0.1	NO	Wood		
Hall	A	Door Casing	0	NO	Wood		
Hall	A	Door Jamb	0.1	NO	Wood		
Hall		Closet Shelves		NO	Wood		
Hall	A	Closet Supports	0.1	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014
Inspector/Risk Assessor — Lic# — Date

1167 Nantasket Ave — Hull
Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Kitchen	ABCD	Walls	0.1	NO	Dry Wall		
Kitchen	ABCD	Baseboards	0.2	NO	Wood		
Kitchen		Floor	COV	NO			
Kitchen		Ceiling	NA	NO	Dry Wall		
Kitchen		Door		NO	Wood		
Kitchen	B	Door Casing	0.1	NO	Wood		
Kitchen	B	Door Jamb	0	NO	Wood		
Kitchen	A	Window Sill	0.2	NO	Wood		
Kitchen	A	Window Casing	0.1	NO	Wood		
Kitchen	A	Window Stops	0.1	NO	Wood		
Kitchen	A	Window Sash	VR	NO	Vinyl Replacement		
	ACD	Up Cabinet Frame	0.4	NO	Wood		
Kitchen	ACD	Up Cabinet Door	0.2	NO	Wood		
Kitchen	ACD	Up Cabinet Walls	0.1	NO	Dry Wall		
Kitchen	ACD	Up Cabinet Shelves	0.2	NO	Wood		
Kitchen	ACD	Up Cabinet Supports	0.1	NO			
Kitchen	ACD	Low Cabinet Frame	0.3	NO	Dry Wall		
Kitchen	ACD	Low Cabinet Door	0.1	NO	Wood		
Kitchen	ACD	Low Cabinet Walls	0	NO	Wood		
Kitchen	ACD	Low Cabinet Shelves	0.2	NO	Wood		
Kitchen	ACD	Low Cabinet Supports	0.1	NO	Wood		
Kitchen	ACD	Drawers	0.2	NO	Wood		
Bath	ABCD	Walls	0.2	NO	Dry Wall		
Bath	ABCD	Baseboards	0.1	NO	Wood		
Bath		Floor	COV	NO			
Bath		Ceiling	0.1	NO	Dry Wall		
Bath	D	Walls		NO	Dry Wall		
Bath	D	Door	0.2	NO	Wood		
Bath	D	Door Casing	0	NO	Wood		
Bath	D	Door Jamb	0.2	NO	Wood		
Bath		Window Sill		NO	Wood		
Bath		Window Casing		NO	Wood		
Bath		Window Stops		NO	Wood		
Bath		Window Sash	VR	NO	Vinyl Replacement		
Bath	A	Medicine Cabinet	0.2	NO	Metal		
Bath	A	Low Cabinet Frame	0.4	NO	Wood		
Bath	A	Low Cabinet Door	0.1	NO	Wood		
Bath	A	Low Cabinet Walls	0.2	NO	Wood		
Bath	A	Low Cabinet Shelves	0.2	NO	Wood		
Bath	A	Low Cabinet Supports	0.01	NO	Wood		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

Lead Paint Assessment Summary

Anthony Jakaitis — M 2929/R 2929 — 10/10/2014
Inspector/Risk Assessor — Lic# — Date

1167 Nantasket Ave — Hull
Address of Property — Apt# — City — Zip

ROOM	SIDE	LOCATION/SURFACE	LEAD	LEAD HAZAZRD	COMMENTS	TREATMENT DATE	TREATMENT METHOD
Exterior	A	Siding	Cov	NO	Vinyl		
Exterior	A	Upper Trim	Cov	NO	Aluminum		
Exterior	A	Foundation	0.4	NO	Concrete		
Exterior	A	Drain Pipes		NO	Aluminum		
Exterior	A	Door	0.2	NO	Metal		
Exterior	A	Door Casing	COV	NO	Wood		
Exterior	A	Door Jamb	0.1	NO	Wood		
Exterior	A	Threshold	0.2	NO	Metal		
Exterior	A	Window Sill	Cov	NO	Aluminum		
Exterior	A	Window Casing	Cov	NO	Aluminum		
Exterior	A	Window Sash	VR	NO	Vinyl Replacement		
Exterior		Columns		NO	Wood		
Exterior		Joists		NO	Wood		
Exterior		Ceiling	Cov	NO	Aluminum		
Exterior		Fence		NO	Wood		
Exterior		Gas Pipes		NO	Metal		
Exterior		Electrical Conduit		NO	Metal		
Shed 1		Siding	Cov	NO	Vinyl		
Shed 1		Upper Trim	Cov	NO	Aluminum		
Shed 1		Door Casing	Cov	NO	Aluminum		
Shed 1		Door Jamb	0.4	NO	Wood		
Shed 1		Columns		NO	Wood		
Shed 1		Foundation	0.2	NO	Concrete		
Shed 2		Siding		NO	Wood		
Shed 2		Upper Trim		NO	Wood		
Shed 2		Corner Boards		NO	Wood		
Shed 2		Lower Trim		NO	Wood		
Shed 2		Door		NO	Wood		
Shed 2		Door Casing		NO	Wood		
Shed 2		Door Jamb		NO	Wood		
Shed 2		Threshold		NO	Metal		

Pb (lead) equal to or greater than 1.0 m/cm2 with x-ray fluorescence is dangerous

APPENDIX D:
LEAD IN SOIL SAMPLING REPORT

FINAL

Lead in Soil Sampling Report

U.S. Coast Guard Hull, Massachusetts Housing Units

1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue
Hull, Massachusetts, 02045
Contract No. GS-00P-14-CY-A-0002/Award No. GS-P-00-14-CY-5027

Prepared For:

United States General Services Administration

Office of Real Property Utilization and Disposal
1800 F Street, NW
Washington, DC 20405

Prepared By:

Tetra Tech, Inc.

45610 Woodland Road, Suite 400
Sterling, VA 20166
July 2015

Tetra Tech Project No: 103G1058243
Date of Site Visit: October 9, 2014

Jimmy Kehs
Project Manager

Jeremy B. Travis
Program Manager

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Table 1 Lead in Soil Analytical Results

ATTACHMENTS

Attachment A Lead in Soil Analytical Results Maps
Attachment B Lead in Soil Laboratory Analytical Results

1.0 INTRODUCTION

Prior to the late 1970s, many paints contained lead. When these paints become damaged, i.e., peeling or flaking, or the painted surface is renovated or demolished, lead can be released into the environment constituting an environmental and worker health hazard. Depending on the age of the structures, lead-based paint (LBP) may potentially exist, either exposed or covered over with other paints or materials as a result of subsequent renovation. Flaking or peeling paint that could be lead-based should be removed or encapsulated appropriately.

Information provided by the United States (U.S) Coast Guard (USCG) indicated that a LBP inspection was not previously conducted at the Site. Based on the age of the Site, it is possible that LBP was used for painting the interior and exterior walls of the structure. As such, Tetra Tech, Inc. (Tetra Tech) collected shallow soil samples for lead analysis at the Site.

2.0 LEAD IN SOIL

Based on the age of the housing units, it is possible that LBP was used for painting the interior and exterior of the walls of the structures. Over time, continued contact of precipitation with the exterior LBP surfaces can cause build-up in surface and near surface soils directly adjacent to the structure exterior and along the roof drip line. In accordance with the Scope of Work (SOW), Tetra Tech collected soil samples from one location per exterior structure wall. Soil sample locations were within five feet (drip line) of each exterior wall. A total of eight soil samples were collected from four locations around the single-family residential structure (one location per side of each housing unit). Two soil samples were collected at each location, at the surface (0 to 3 inches) below ground surface (bgs) and 6 to 9 inches bgs. A total of 64 soil samples were collected. The samples were containerized and shipped under standard chain of custody procedures to Alpha Analytical Laboratories, Inc. located in Westborough, Massachusetts. The samples were submitted for total lead analysis by U.S. Environmental Protection Agency (USEPA) SW-846 Method 6010C.

2.1 EQUIPMENT DECONTAMINATION

Equipment used for field sampling activities was decontaminated prior to mobilization as well as before and after each use following the procedures specified below.

1. Equipment was washed with distilled bottled water and laboratory grade Alconox™ detergent;
2. Equipment was rinsed with distilled or deionized water; and,
3. Information was recorded concerning decontamination methodology, data, time, and personnel in the field log book.

2.2 INVESTIGATION-DERIVED WASTES

Investigation-derived waste (IDW) generated during field investigation activities included a de-minimus quantity of soil cuttings and decontamination water (less than 5 gallons of each). Soil cuttings were returned to the borehole location. Used disposable equipment and protective clothing were double bagged in polyethylene trash bags and disposed of as general refuse. Decontamination water was released to the ground surface in the area of sampling.

2.3 ANALYTICAL RESULTS

Following receipt of the analytical laboratory report, Tetra Tech compared the soil analytical results to the USEPA Direct Contact Clean up Level Criterion of 400 milligram per kilogram (mg/kg) and the Massachusetts Contingency Plan (MCP) Reportable Concentration Standard for Soil (RCS-1) standard of 200 mg/kg. Soil analytical results indicated that lead was detected in concentrations

ranging between 19 mg/kg and 190.0 mg/kg, below the USEPA and MCP RCS-1 standards. Lead in soil analytical results are summarized in **Table 1** below.

Table 1: Lead in Soil Analytical Results

Sample ID	Sample Depth (bgs)	Sample Location	Lead Concentration (mg/kg)
L1423887-01	Surface	North side of 1153	59.0
L1423887-02	6” bgs	North side of 1153	47.0
L1423887-03	Surface	South side of 1153	59.0
L1423887-04	6” bgs	South side of 1153	61.0
L1423887-05	Surface	East side of 1153	180.0
L1423887-06	6” bgs	East side of 1153	81.0
L1423887-07	Surface	West side of 1153	63.0
L1423887-08	6” bgs	West side of 1153	57.0
L1423887-09	Surface	North side of 1155	61.0
L1423887-10	6” bgs	North side of 1155	75.0
L1423887-11	Surface	South side of 1155	38.0
L1423887-12	6” bgs	South side of 1155	40.0
L1423887-13	Surface	East side of 1155	97.0
L1423887-14	6” bgs	East side of 1155	91.0
L1423887-15	Surface	West side of 1155	46.0
L1423887-16	6” bgs	West side of 1155	45.0
L1423887-17	Surface	North side of 1157	54.0
L1423887-18	6” bgs	North side of 1157	19.0
L1423887-19	Surface	South side of 1157	42.0
L1423887-20	6” bgs	South side of 1157	39.0
L1423887-21	Surface	East side of 1157	93.0
L1423887-22	6” bgs	East side of 1157	71.0
L1423887-23	Surface	West side of 1157	44.0
L1423887-24	6” bgs	West side of 1157	42.0
L1423887-25	Surface	North side of 1159	66.0
L1423887-26	6” bgs	North side of 1159	72.0
L1423887-27	Surface	South side of 1159	31.0
L1423887-28	6” bgs	South side of 1159	31.0
L1423887-29	Surface	East side of 1159	74.0
L1423887-30	6” bgs	East side of 1159	68.0
L1423888-01	Surface	West side of 1159	50.0
L1423888-02	6” bgs	West side of 1159	53.0
L1423888-03	Surface	North side of 1161	62.0
L1423888-04	6” bgs	North side of 1161	35.0
L1423888-05	Surface	South side of 1161	37.0
L1423888-06	6” bgs	South side of 1161	26.0
L1423888-07	Surface	East side of 1161	190.0
L1423888-08	6” bgs	East side of 1161	140.0
L1423888-09	Surface	West side of 1161	40.0
L1423888-10	6” bgs	West side of 1161	54.0

Sample ID	Sample Depth (bgs)	Sample Location	Lead Concentration (mg/kg)
L1423888-11	Surface	North side of 1163	54.0
L1423888-12	6” bgs	North side of 1163	57.0
L1423888-13	Surface	South side of 1163	37.0
L1423888-14	6” bgs	South side of 1163	36.0
L1423888-15	Surface	East side of 1163	71.0
L1423888-16	6” bgs	East side of 1163	60.0
L1423888-17	Surface	West side of 1163	36.0
L1423888-18	6” bgs	West side of 1163	31.0
L1423888-19	Surface	North side of 1165	46.0
L1423888-20	6” bgs	North side of 1165	36.0
L1423888-21	Surface	South side of 1165	41.0
L1423888-22	6” bgs	South side of 1165	43.0
L1423888-23	Surface	East side of 1165	38.0
L1423888-24	6” bgs	East side of 1165	41.0
L1423888-25	Surface	West side of 1165	160.0
L1423888-26	6” bgs	West side of 1165	120.0
L1423888-27	Surface	North side of 1167	67.0
L1423888-28	6” bgs	North side of 1167	44.0
L1423888-29	Surface	South side of 1167	24.0
L1423888-30	6” bgs	South side of 1167	26.0
L1423888-31	Surface	East side of 1167	55.0
L1423888-32	6” bgs	East side of 1167	43.0
L1423888-33	Surface	West side of 1167	120.0
L1423888-34	6” bgs	West side of 1167	110.0
USEPA Residential Soil RSL for Lead			**400**
MCP RCS-1			**200**

Notes:

USEPA	U.S. Environmental Protection Agency
RSL	Regional Screening Level
MCP	Massachusetts Contingency Plan
RSC	Reportable Concentration

A lead in soil analytical results map is included in **Attachment A.** The laboratory analytical report is included in **Attachment B**.

3.0 RECOMMENDATIONS

Based on the soil lead sampling, no exceedances above the MassDEP criteria of 200 mg/kg or the USEPA Direct Contact Clean up Level Criterion of 400 mg/kg were identified at the Site. Further evaluation of lead in soil is not recommended.

ATTACHMENT A:
LEAD IN SOIL ANALYTICAL RESULTS MAP

LEGEND

Assessors Parcel

SS-N ⊙ Approximate soil sample locations. Two samples were collected from each location. One sample was collected at the surface and the other sample was collected from a depth of 0.5 feet below ground surface.

Note: See table for full sample IDs and detected concentrations

TETRA TECH
www.tetratech.com
One Grant Street
Framingham, MA 01701
Phone: (508) 903-2000 Fax: (508) 903-2001

MARK	DATE	DESCRIPTION	BY

USCG Housing

Nantasket Avenue
Hull, Massachusetts

Lead in Soil Analytical Map

Project No.:	143-1298-15001
Designed By:	NA
Drawn By:	KMC
Checked By:	MTM

A

Bar Measures 1 inch

Copyright: Tetra Tech

10/29/2014 3:54:03 PM - P:\1298\143-1298-15001\CAD\SHEETFILES\IN-ZZ ATTACHMENT A LEAD IN SOIL ANALYTICAL MAP RESULTS_HULL.DWG - CULLINANE, KAITLYNE

ATTACHMENT B:
LEAD IN SOIL LABORATORY ANALYTICAL RESULTS

ANALYTICAL REPORT

Lab Number:	L1423887
Client:	Tetra Tech Rizzo 1 Grant Street Framingham, MA 01702
ATTN:	Matt Madden
Phone:	(508) 903-2000
Project Name:	HULL USCG
Project Number:	143-1298-15001
Report Date:	10/21/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1423887-01	1153-N (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 08:15	10/09/14
L1423887-02	1153-N (0.5')	SOIL	WAKEFIELD, MA	10/08/14 08:15	10/09/14
L1423887-03	1153-S (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 08:30	10/09/14
L1423887-04	1153-S (0.5')	SOIL	WAKEFIELD, MA	10/08/14 08:30	10/09/14
L1423887-05	1153-E (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 08:45	10/09/14
L1423887-06	1153-E (0.5')	SOIL	WAKEFIELD, MA	10/08/14 08:45	10/09/14
L1423887-07	1153-W (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 09:00	10/09/14
L1423887-08	1153-W (0.5')	SOIL	WAKEFIELD, MA	10/08/14 09:00	10/09/14
L1423887-09	1155-N (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 09:15	10/09/14
L1423887-10	1155-N (0.5')	SOIL	WAKEFIELD, MA	10/08/14 09:15	10/09/14
L1423887-11	1155-S (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 09:30	10/09/14
L1423887-12	1155-S (0.5')	SOIL	WAKEFIELD, MA	10/08/14 09:30	10/09/14
L1423887-13	1155-E (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 09:45	10/09/14
L1423887-14	1155-E (0.5')	SOIL	WAKEFIELD, MA	10/08/14 09:45	10/09/14
L1423887-15	1155-W (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 10:00	10/09/14
L1423887-16	1155-W (0.5')	SOIL	WAKEFIELD, MA	10/08/14 10:00	10/09/14
L1423887-17	1157-N (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 10:15	10/09/14
L1423887-18	1157-N (0.5')	SOIL	WAKEFIELD, MA	10/08/14 10:15	10/09/14
L1423887-19	1157-S (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 10:30	10/09/14
L1423887-20	1157-S (0.5')	SOIL	WAKEFIELD, MA	10/08/14 10:30	10/09/14
L1423887-21	1157-E (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 10:45	10/09/14
L1423887-22	1157-E (0.5')	SOIL	WAKEFIELD, MA	10/08/14 10:45	10/09/14
L1423887-23	1157-W (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 11:00	10/09/14
L1423887-24	1157-W (0.5')	SOIL	WAKEFIELD, MA	10/08/14 11:00	10/09/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1423887-25	1159-N (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 11:15	10/09/14
L1423887-26	1159-N (0.5')	SOIL	WAKEFIELD, MA	10/08/14 11:15	10/09/14
L1423887-27	1159-S (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 11:30	10/09/14
L1423887-28	1159-S (0.5')	SOIL	WAKEFIELD, MA	10/08/14 11:30	10/09/14
L1423887-29	1159-E (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 11:45	10/09/14
L1423887-30	1159-E (0.5')	SOIL	WAKEFIELD, MA	10/08/14 11:45	10/09/14

Project Name: HULL USCG **Lab Number:** L1423887

Project Number: 143-1298-15001 **Report Date:** 10/21/14

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E a.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E b.	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	NO
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: HULL USCG **Lab Number:** L1423887
Project Number: 143-1298-15001 **Report Date:** 10/21/14

Case Narrative (continued)

MCP Related Narratives

Sample Receipt

In reference to question H:

A Matrix Spike was not submitted for the analysis of Metals.

Metals

In reference to question I:

All samples were analyzed for a subset of MCP elements per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative Date: 10/21/14

METALS

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-01	Date Collected:	10/08/14 08:15
Client ID:	1153-N (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	80%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	59		mg/kg	2.4	--	1	10/16/14 16:04	10/16/14 22:07	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-02	Date Collected:	10/08/14 08:15
Client ID:	1153-N (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	47		mg/kg	2.3	--	1	10/16/14 16:04	10/16/14 22:11	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-03	Date Collected:	10/08/14 08:30
Client ID:	1153-S (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	59		mg/kg	2.1	--	1	10/16/14 16:04	10/16/14 22:15	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-04	Date Collected:	10/08/14 08:30
Client ID:	1153-S (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	61		mg/kg	2.1	--	1	10/16/14 16:04	10/16/14 22:19	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-05	Date Collected:	10/08/14 08:45
Client ID:	1153-E (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	180		mg/kg	2.2	--	1	10/16/14 16:04	10/16/14 22:23	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-06	Date Collected:	10/08/14 08:45
Client ID:	1153-E (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	81		mg/kg	2.2	--	1	10/16/14 16:04	10/16/14 22:27	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-07	Date Collected:	10/08/14 09:00
Client ID:	1153-W (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	63		mg/kg	2.2	--	1	10/16/14 16:04	10/16/14 22:31	EPA 3050B	97,6010C	JH

Project Name: HULL USCG
Project Number: 143-1298-15001
Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-08
Client ID: 1153-W (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil
Percent Solids: 94%

Date Collected: 10/08/14 09:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	57		mg/kg	2.0	--	1	10/16/14 16:04	10/16/14 22:35	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-09	Date Collected:	10/08/14 09:15
Client ID:	1155-N (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	61		mg/kg	2.3	--	1	10/16/14 16:04	10/16/14 22:50	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-10	Date Collected:	10/08/14 09:15
Client ID:	1155-N (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	75		mg/kg	2.3	--	1	10/16/14 16:04	10/16/14 22:54	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-11	Date Collected:	10/08/14 09:30
Client ID:	1155-S (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	38		mg/kg	2.2	--	1	10/16/14 16:04	10/16/14 22:58	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-12	Date Collected:	10/08/14 09:30
Client ID:	1155-S (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	40		mg/kg	2.1	--	1	10/16/14 16:04	10/16/14 23:02	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-13	Date Collected:	10/08/14 09:45
Client ID:	1155-E (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	97		mg/kg	2.3	--	1	10/16/14 16:04	10/16/14 23:06	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-14	Date Collected:	10/08/14 09:45
Client ID:	1155-E (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	91		mg/kg	2.3	--	1	10/16/14 16:04	10/16/14 23:10	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-15	Date Collected:	10/08/14 10:00
Client ID:	1155-W (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	46		mg/kg	2.1	--	1	10/16/14 16:04	10/16/14 23:14	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-16	Date Collected:	10/08/14 10:00
Client ID:	1155-W (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	45		mg/kg	2.1	--	1	10/16/14 16:04	10/16/14 23:18	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-17	Date Collected:	10/08/14 10:15
Client ID:	1157-N (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	54		mg/kg	2.3	--	1	10/16/14 16:04	10/16/14 23:22	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-18	Date Collected:	10/08/14 10:15
Client ID:	1157-N (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	19		mg/kg	2.2	--	1	10/16/14 16:04	10/16/14 23:25	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-19	Date Collected:	10/08/14 10:30
Client ID:	1157-S (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	42		mg/kg	2.1	--	1	10/16/14 16:04	10/16/14 23:37	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-20	Date Collected:	10/08/14 10:30
Client ID:	1157-S (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	39		mg/kg	2.1	--	1	10/16/14 16:04	10/16/14 23:41	EPA 3050B	97,6010C	JH

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-21	Date Collected:	10/08/14 10:45
Client ID:	1157-E (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	93		mg/kg	2.2	--	1	10/16/14 18:04	10/17/14 16:53	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-22	Date Collected:	10/08/14 10:45
Client ID:	1157-E (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	71		mg/kg	2.2	--	1	10/16/14 18:04	10/17/14 16:57	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-23	Date Collected:	10/08/14 11:00
Client ID:	1157-W (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	44		mg/kg	2.2	--	1	10/16/14 18:04	10/17/14 17:01	EPA 3050B	97,6010C	MG

Project Name: HULL USCG
Project Number: 143-1298-15001
Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-24
Client ID: 1157-W (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil
Percent Solids: 94%

Date Collected: 10/08/14 11:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	42		mg/kg	2.1	--	1	10/16/14 18:04	10/17/14 17:05	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-25	Date Collected:	10/08/14 11:15
Client ID:	1159-N (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	77%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	66		mg/kg	2.5	--	1	10/16/14 18:04	10/17/14 17:08	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-26	Date Collected:	10/08/14 11:15
Client ID:	1159-N (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	80%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	72		mg/kg	2.4	--	1	10/16/14 18:04	10/17/14 17:31	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-27	Date Collected:	10/08/14 11:30
Client ID:	1159-S (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	31		mg/kg	2.1	--	1	10/16/14 18:04	10/17/14 17:35	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-28	Date Collected:	10/08/14 11:30
Client ID:	1159-S (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	95%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	31		mg/kg	2.0	--	1	10/16/14 18:04	10/17/14 17:39	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423887-29	Date Collected:	10/08/14 11:45
Client ID:	1159-E (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	79%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	74		mg/kg	2.5	--	1	10/16/14 18:04	10/17/14 17:43	EPA 3050B	97,6010C	MG

Project Name: HULL USCG
Project Number: 143-1298-15001
Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-30
Client ID: 1159-E (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil
Percent Solids: 85%

Date Collected: 10/08/14 11:45
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	68		mg/kg	2.3	--	1	10/16/14 18:04	10/17/14 17:46	EPA 3050B	97,6010C	MG

Project Name: HULL USCG **Lab Number:** L1423887

Project Number: 143-1298-15001 **Report Date:** 10/21/14

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Total Metals - Westborough Lab for sample(s): 01-20 Batch: WG731789-1										
Lead, Total	ND		mg/kg	2.0	--	1	10/16/14 16:04	10/16/14 21:44	97,6010C	JH

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Total Metals - Westborough Lab for sample(s): 21-30 Batch: WG731819-1										
Lead, Total	ND		mg/kg	2.0	--	1	10/16/14 18:04	10/17/14 16:00	97,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis
Batch Quality Control

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Total Metals - Westborough Lab Associated sample(s): 01-20 Batch: WG731789-2 WG731789-3 SRM Lot Number: D083-540								
Lead, Total	95		92		81-119	3		30
MCP Total Metals - Westborough Lab Associated sample(s): 21-30 Batch: WG731819-2 WG731819-3 SRM Lot Number: D083-540								
Lead, Total	94		97		81-119	3		30

INORGANICS
&
MISCELLANEOUS

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-01
Client ID: 1153-N (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 08:15
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.5		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-02
Client ID: 1153-N (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 08:15
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.5		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-03
Client ID: 1153-S (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 08:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.7		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-04
Client ID: 1153-S (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 08:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.4		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-05
Client ID: 1153-E (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 08:45
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.8		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-06
Client ID: 1153-E (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 08:45
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.6		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-07
Client ID: 1153-W (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 09:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.2		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-08
Client ID: 1153-W (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 09:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-09
Client ID: 1155-N (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 09:15
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.9		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-10
Client ID: 1155-N (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 09:15
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-11
Client ID: 1155-S (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 09:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.1		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-12
Client ID: 1155-S (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 09:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-13
Client ID: 1155-E (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 09:45
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-14
Client ID: 1155-E (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 09:45
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-15
Client ID: 1155-W (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 10:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.2		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-16
Client ID: 1155-W (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 10:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-17
Client ID: 1157-N (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 10:15
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-18
Client ID: 1157-N (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 10:15
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.2		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-19
Client ID: 1157-S (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 10:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.0		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-20
Client ID: 1157-S (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 10:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	92.4		%	0.100	NA	1	-	10/15/14 00:04	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-21
Client ID: 1157-E (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 10:45
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	10/15/14 00:18	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-22
Client ID: 1157-E (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 10:45
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.5		%	0.100	NA	1	-	10/15/14 00:18	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-23
Client ID: 1157-W (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 11:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.3		%	0.100	NA	1	-	10/15/14 00:18	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-24
Client ID: 1157-W (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 11:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	10/15/14 00:18	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-25
Client ID: 1159-N (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 11:15
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	77.2		%	0.100	NA	1	-	10/15/14 00:18	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-26
Client ID: 1159-N (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 11:15
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	80.0		%	0.100	NA	1	-	10/15/14 00:18	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-27
Client ID: 1159-S (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 11:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	94.4		%	0.100	NA	1	-	10/15/14 00:18	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-28
Client ID: 1159-S (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 11:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	95.0		%	0.100	NA	1	-	10/15/14 00:18	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-29
Client ID: 1159-E (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 11:45
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	79.2		%	0.100	NA	1	-	10/15/14 00:18	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423887-30
Client ID: 1159-E (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 11:45
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	10/15/14 00:18	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-20 QC Batch ID: WG731063-1 QC Sample: L1423887-01 Client ID: 1153-N (SURFACE)						
Solids, Total	79.5	79.8	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 21-30 QC Batch ID: WG731064-1 QC Sample: L1423869-02 Client ID: DUP Sample						
Solids, Total	48.8	41.8	%	15		20

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1423887-01A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-02A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-03A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-04A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-05A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-06A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-07A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-08A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-09A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-10A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-11A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-12A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-13A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-14A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-15A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-16A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-17A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-18A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-19A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-20A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-21A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-22A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-23A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-24A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-25A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-26A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-27A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)

*Values in parentheses indicate holding time in days

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423887
Report Date: 10/21/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1423887-28A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-29A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423887-30A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)

*Values in parentheses indicate holding time in days

Project Name:	HULL USCG	**Lab Number:**	L1423887
Project Number:	143-1298-15001	**Report Date:**	10/21/14

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Report Format: Data Usability Report

Project Name: HULL USCG **Lab Number:** L1423887

Project Number: 143-1298-15001 **Report Date:** 10/21/14

Data Qualifiers

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

Project Name: HULL USCG **Lab Number:** L1423887
Project Number: 143-1298-15001 **Report Date:** 10/21/14

REFERENCES

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

97 EPA Test Methods (SW-846) with QC Requirements & Performance Standards for the Analysis of EPA SW-846 Methods under the Massachusetts Contingency Plan, WSC-CAM-IIA, IIB, IIIA, IIIB, IIIC, IIID, VA, VB, VC, VIA, VIB, VIIIA and VIIIB, July 2010.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F, EPA 353.2**: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 1 OF 7

ALPHA ANALYTICAL — World Class Chemistry

8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 10/9/14

ALPHA Job #: L1423887

Project Information

Project Name: Hull USGC
Project Location: Hull, MA
Project #: 143-1298-15001
Project Manager: Matt Madden
ALPHA Quote #:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #:

Client Information

Client: Tetra Tech
Address: 1 Grant St
Framingham, MA
Phone: 508-903-2000
Email: Matt.Madden@tetratech

Regulatory Requirements & Project Information Requirements

☒ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10 Day TAT 10/21/14

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; Lead 6010B

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Lead 6010B	Sample Comments	TOTAL # BOTTLES
23887 -01	1153-N (surface)	10/9/14	815	Soil	AR	X		
-02	1153-N (0.5')	↓	815	↓	↓	X		
-03	1153-S (surface)		830			X		
-04	1153-S (0.5')		830			X		
-05	1153-E (surface)		845			X		
-06	1153-E (0.5')		845			X		
-07	1153-W (surface)		900			X		
-08	1153-W (0.5')		900			X		
-09	1155-N (surface)		915			X		
-10	1155-N (0.5')	↓	915	↓	↓	X		
				Container Type		A		
				Preservative		A		

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10-9-14 / 1000	[signature]	10/9/14 1045
	10/9/14 1215		10/9/14 1215

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

CHAIN OF CUSTODY

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ALPHA ANALYTICAL — World Class Chemistry

8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 10/9/14

ALPHA Job #: L1423887

Project Information

Project Name: Hull USCG
Project Location: Hull, MA
Project #: 143-1298-15001
Project Manager: Matt Madden
ALPHA Quote #:

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!).
Date Due: 10 Day TAT 10/21/14

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #:

Client Information

Client: TerraTech
Address: 1 Grant St
Framingham
Phone:
Email: Matt.Madden@TerraTech.com

Additional Project Information:

Regulatory Requirements & Project Information Requirements

☒ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; Lead 6010B

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Lead 6010B	Sample Comments	TOTAL # BOTTLES
23887-11	1155-S (surface)	10/8/14	930	Soil	AR	X		
-12	1155-S (0.5')	↓	930	↓	↓	X		
-13	1155-E (surface)		945			X		
-14	1155-E (0.5')		945			X		
-15	1155-W (surface)		1000			X		
-16	1155-W (0.5')		1000			X		
-17	1157-N (surface)		1015			X		
-18	1157-N (0.5')		1015			X		
-19	1157-S (surface)		1030			X		
-20	1157-S (0.5')	↓	1030	↓	↓	X		
					Container Type	A		
					Preservative	A		

Container Type: P= Plastic; A= Amber glass; V= Vial; G= Glass; B= Bacteria cup; C= Cube; O= Other; E= Encore; D= BOD Bottle

Preservative: A= None; B= HCl; C= HNO_3; D= H_2SO_4; E= NaOH; F= MeOH; G= $NaHSO_4$; H= $Na_2S_2O_3$; I= Ascorbic Acid; J= NH_4Cl; K= Zn Acetate; O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10-9-14 1000	[signature]	10/9/14 1045
	10/9/14 1215	[signature]	10/9/14 1215

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

CHAIN OF CUSTODY

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ALPHA ANALYTICAL — World Class Chemistry

8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 10/9/14

ALPHA Job #: L1423887

Project Information

Project Name: Hull USCG
Project Location: Hull, MA
Project #: 143-1298-15001
Project Manager: Matt Madden
ALPHA Quote #:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #:

Client Information

Client: TetraTech
Address: 1 Grant St
Framingham, MA
Phone:
Email: Matt.Madden@TetraTech

Regulatory Requirements & Project Information Requirements

☒ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10 Day TAT 10/21/14

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; Lead 6010B

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Lead 6010B	Sample Comments	TOTAL # BOTTLES
23887-21	1157-E (surface)	10/8/14	1045	Soil	AR	X		
-22	1157-E (0.5')	↓	1045	↓	↓	X		
-23	1157-W (surface)		1100			X		
-24	1157-W (0.5')		1100			X		
-25	1159-N (surface)		1115			X		
-26	1159-N (0.5')		1115			X		
-27	1159-S (surface)		1130			X		
-28	1159-S (0.5')		1130			X		
-29	1159-E (surface)		1145			X		
-30	1159-E (0.5')	↓	1145	↓	↓	X		
					Container Type	A		
					Preservative	A		

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10-9-14 1000	[signature]	10/9/14 1000
[signature]	10/9/14 1215	[signature]	10/9/14 1215

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

ANALYTICAL REPORT

Lab Number:	L1423888
Client:	Tetra Tech Rizzo 1 Grant Street Framingham, MA 01702
ATTN:	Matt Madden
Phone:	(508) 903-2000
Project Name:	HULL USCG
Project Number:	143-1298-15001
Report Date:	10/21/14

The original project report/data package is held by Alpha Analytical. This report/data package is paginated and should be reproduced only in its entirety. Alpha Analytical holds no responsibility for results and/or data that are not consistent with the original.

Certifications & Approvals: MA (M-MA086), NY (11148), CT (PH-0574), NH (2003), NJ NELAP (MA935), RI (LAO00065), ME (MA00086), PA (68-03671), USDA (Permit #P-330-11-00240), NC (666), TX (T104704476), DOD (L2217), US Army Corps of Engineers.

Eight Walkup Drive, Westborough, MA 01581-1019
508-898-9220 (Fax) 508-898-9193 800-624-9220 - www.alphalab.com

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1423888-01	1159-W (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 12:00	10/09/14
L1423888-02	1159-W (0.5')	SOIL	WAKEFIELD, MA	10/08/14 12:00	10/09/14
L1423888-03	1161-N (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 12:10	10/09/14
L1423888-04	1161-N (0.5')	SOIL	WAKEFIELD, MA	10/08/14 12:10	10/09/14
L1423888-05	1161-S (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 12:20	10/09/14
L1423888-06	1161-S (0.5')	SOIL	WAKEFIELD, MA	10/08/14 12:20	10/09/14
L1423888-07	1161-E (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 12:30	10/09/14
L1423888-08	1161-E (0.5')	SOIL	WAKEFIELD, MA	10/08/14 12:30	10/09/14
L1423888-09	1161-W (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 12:40	10/09/14
L1423888-10	1161-W (0.5')	SOIL	WAKEFIELD, MA	10/08/14 12:40	10/09/14
L1423888-11	1163-N (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 12:50	10/09/14
L1423888-12	1163-N (0.5')	SOIL	WAKEFIELD, MA	10/08/14 12:50	10/09/14
L1423888-13	1163-S (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 13:00	10/09/14
L1423888-14	1163-S (0.5')	SOIL	WAKEFIELD, MA	10/08/14 13:00	10/09/14
L1423888-15	1163-E (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 13:10	10/09/14
L1423888-16	1163-E (0.5')	SOIL	WAKEFIELD, MA	10/08/14 13:10	10/09/14
L1423888-17	1163-W (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 13:20	10/09/14
L1423888-18	1163-W (0.5')	SOIL	WAKEFIELD, MA	10/08/14 13:20	10/09/14
L1423888-19	1165-N (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 13:30	10/09/14
L1423888-20	1165-N (0.5')	SOIL	WAKEFIELD, MA	10/08/14 13:30	10/09/14
L1423888-21	1165-S (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 13:40	10/09/14
L1423888-22	1165-S (0.5')	SOIL	WAKEFIELD, MA	10/08/14 13:40	10/09/14
L1423888-23	1165-E (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 13:50	10/09/14
L1423888-24	1165-E (0.5')	SOIL	WAKEFIELD, MA	10/08/14 13:50	10/09/14

Alpha Sample ID	Client ID	Matrix	Sample Location	Collection Date/Time	Receive Date
L1423888-25	1165-W (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 14:00	10/09/14
L1423888-26	1165-W (0.5')	SOIL	WAKEFIELD, MA	10/08/14 14:00	10/09/14
L1423888-27	1167-N (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 14:10	10/09/14
L1423888-28	1167-N (0.5')	SOIL	WAKEFIELD, MA	10/08/14 14:10	10/09/14
L1423888-29	1167-S (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 14:20	10/09/14
L1423888-30	1167-S (0.5')	SOIL	WAKEFIELD, MA	10/08/14 14:20	10/09/14
L1423888-31	1167-E (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 14:30	10/09/14
L1423888-32	1167-E (0.5')	SOIL	WAKEFIELD, MA	10/08/14 14:30	10/09/14
L1423888-33	1167-W (SURFACE)	SOIL	WAKEFIELD, MA	10/08/14 14:40	10/09/14
L1423888-34	1167-W (0.5')	SOIL	WAKEFIELD, MA	10/08/14 14:00	10/09/14

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

MADEP MCP Response Action Analytical Report Certification

This form provides certifications for all samples performed by MCP methods. Please refer to the Sample Results and Container Information sections of this report for specification of MCP methods used for each analysis. The following questions pertain only to MCP Analytical Methods.

An affirmative response to questions A through F is required for "Presumptive Certainty" status		
A	Were all samples received in a condition consistent with those described on the Chain-of-Custody, properly preserved (including temperature) in the field or laboratory, and prepared/analyzed within method holding times?	YES
B	Were the analytical method(s) and all associated QC requirements specified in the selected CAM protocol(s) followed?	YES
C	Were all required corrective actions and analytical response actions specified in the selected CAM protocol(s) implemented for all identified performance standard non-conformances?	YES
D	Does the laboratory report comply with all the reporting requirements specified in CAM VII A, "Quality Assurance and Quality Control Guidelines for the Acquisition and Reporting of Analytical Data?"	YES
E a.	VPH, EPH, and APH Methods only: Was each method conducted without significant modification(s)? (Refer to the individual method(s) for a list of significant modifications).	N/A
E b.	APH and TO-15 Methods only: Was the complete analyte list reported for each method?	N/A
F	Were all applicable CAM protocol QC and performance standard non-conformances identified and evaluated in a laboratory narrative (including all "No" responses to Questions A through E)?	YES

A response to questions G, H and I is required for "Presumptive Certainty" status		
G	Were the reporting limits at or below all CAM reporting limits specified in the selected CAM protocol(s)?	YES
H	Were all QC performance standards specified in the CAM protocol(s) achieved?	NO
I	Were results reported for the complete analyte list specified in the selected CAM protocol(s)?	NO

For any questions answered "No", please refer to the case narrative section on the following page(s).

Please note that sample matrix information is located in the Sample Results section of this report.

Project Name: HULL USCG **Lab Number:** L1423888
Project Number: 143-1298-15001 **Report Date:** 10/21/14

Case Narrative

The samples were received in accordance with the Chain of Custody and no significant deviations were encountered during the preparation or analysis unless otherwise noted. Sample Receipt, Container Information, and the Chain of Custody are located at the back of the report.

Results contained within this report relate only to the samples submitted under this Alpha Lab Number and meet all of the requirements of NELAC, for all NELAC accredited parameters. The data presented in this report is organized by parameter (i.e. VOC, SVOC, etc.). Sample specific Quality Control data (i.e. Surrogate Spike Recovery) is reported at the end of the target analyte list for each individual sample, followed by the Laboratory Batch Quality Control at the end of each parameter. If a sample was re-analyzed or re-extracted due to a required quality control corrective action and if both sets of data are reported, the Laboratory ID of the re-analysis or re-extraction is designated with an "R" or "RE", respectively. When multiple Batch Quality Control elements are reported (e.g. more than one LCS), the associated samples for each element are noted in the grey shaded header line of each data table. Any Laboratory Batch, Sample Specific % recovery or RPD value that is outside the listed Acceptance Criteria is bolded in the report. All specific QC information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications. Soil/sediments, solids and tissues are reported on a dry weight basis unless otherwise noted. Definitions of all data qualifiers and acronyms used in this report are provided in the Glossary located at the back of the report.

In reference to questions H (CAM) or 4 (RCP) when "NO" is checked, the performance criteria for CAM and RCP methods allow for some quality control failures to occur and still be within method compliance. In these instances the specific failure is not narrated but noted in the associated QC table. The information is also incorporated in the Data Usability format of our Data Merger tool where it can be reviewed along with any associated usability implications.

Please see the associated ADEx data file for a comparison of laboratory reporting limits that were achieved with the regulatory Numerical Standards requested on the Chain of Custody.

HOLD POLICY
For samples submitted on hold, Alpha's policy is to hold samples (with the exception of Air canisters) free of charge for 21 calendar days from the date the project is completed. After 21 calendar days, we will dispose of all samples submitted including those put on hold unless you have contacted your Client Service Representative and made arrangements for Alpha to continue to hold the samples. Air canisters will be disposed after 3 business days from the date the project is completed.

Please contact Client Services at 800-624-9220 with any questions.

Project Name: HULL USCG **Lab Number:** L1423888
Project Number: 143-1298-15001 **Report Date:** 10/21/14

Case Narrative (continued)

MCP Related Narratives

Sample Receipt

In reference to question H:

A Matrix Spike was not submitted for the analysis of Metals.

Metals

In reference to question I:

All samples were analyzed for a subset of MCP elements per the Chain of Custody.

I, the undersigned, attest under the pains and penalties of perjury that, to the best of my knowledge and belief and based upon my personal inquiry of those responsible for providing the information contained in this analytical report, such information is accurate and complete. This certificate of analysis is not complete unless this page accompanies any and all pages of this report.

Authorized Signature: Lisa Westerlind

Title: Technical Director/Representative Date: 10/21/14

METALS

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-01	Date Collected:	10/08/14 12:00
Client ID:	1159-W (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	50		mg/kg	2.1	--	1	10/16/14 19:52	10/17/14 11:25	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-02	Date Collected:	10/08/14 12:00
Client ID:	1159-W (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	94%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	53		mg/kg	2.1	--	1	10/16/14 19:52	10/17/14 11:29	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-03	Date Collected:	10/08/14 12:10
Client ID:	1161-N (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	62		mg/kg	2.4	--	1	10/16/14 19:52	10/17/14 11:33	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-04	Date Collected:	10/08/14 12:10
Client ID:	1161-N (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	35		mg/kg	2.3	--	1	10/16/14 19:52	10/17/14 11:36	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-05	Date Collected:	10/08/14 12:20
Client ID:	1161-S (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	37		mg/kg	2.2	--	1	10/16/14 19:52	10/17/14 11:40	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-06	Date Collected:	10/08/14 12:20
Client ID:	1161-S (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	90%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	26		mg/kg	2.1	--	1	10/16/14 19:52	10/17/14 11:44	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-07	Date Collected:	10/08/14 12:30
Client ID:	1161-E (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	190		mg/kg	2.4	--	1	10/16/14 19:52	10/17/14 11:48	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-08	Date Collected:	10/08/14 12:30
Client ID:	1161-E (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	87%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	140		mg/kg	2.2	--	1	10/16/14 19:52	10/17/14 11:52	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-09	Date Collected:	10/08/14 12:40
Client ID:	1161-W (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	40		mg/kg	2.4	--	1	10/16/14 19:52	10/17/14 11:55	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-10	Date Collected:	10/08/14 12:40
Client ID:	1161-W (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	54		mg/kg	2.3	--	1	10/16/14 19:52	10/17/14 12:07	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-11	Date Collected:	10/08/14 12:50
Client ID:	1163-N (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	82%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	54		mg/kg	2.4	--	1	10/16/14 19:52	10/17/14 12:11	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-12	Date Collected:	10/08/14 12:50
Client ID:	1163-N (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	57		mg/kg	2.3	--	1	10/16/14 19:52	10/17/14 12:14	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-13	Date Collected:	10/08/14 13:00
Client ID:	1163-S (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	37		mg/kg	2.3	--	1	10/16/14 19:52	10/17/14 12:18	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-14	Date Collected:	10/08/14 13:00
Client ID:	1163-S (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	36		mg/kg	2.2	--	1	10/16/14 19:52	10/17/14 12:22	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-15	Date Collected:	10/08/14 13:10
Client ID:	1163-E (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	71		mg/kg	2.3	--	1	10/16/14 19:52	10/17/14 12:26	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-16	Date Collected:	10/08/14 13:10
Client ID:	1163-E (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	60		mg/kg	2.2	--	1	10/16/14 19:52	10/17/14 12:29	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-17	Date Collected:	10/08/14 13:20
Client ID:	1163-W (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	36		mg/kg	2.3	--	1	10/16/14 19:52	10/17/14 12:33	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-18	Date Collected:	10/08/14 13:20
Client ID:	1163-W (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	31		mg/kg	2.2	--	1	10/16/14 19:52	10/17/14 12:37	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-19	Date Collected:	10/08/14 13:30
Client ID:	1165-N (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	46		mg/kg	2.2	--	1	10/16/14 19:52	10/17/14 12:41	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-20	Date Collected:	10/08/14 13:30
Client ID:	1165-N (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	36		mg/kg	2.2	--	1	10/16/14 19:52	10/17/14 14:59	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-21	Date Collected:	10/08/14 13:40
Client ID:	1165-S (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	41		mg/kg	2.2	--	1	10/16/14 21:29	10/17/14 09:39	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-22	Date Collected:	10/08/14 13:40
Client ID:	1165-S (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	91%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	43		mg/kg	2.1	--	1	10/16/14 21:29	10/17/14 09:42	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-23	Date Collected:	10/08/14 13:50
Client ID:	1165-E (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	38		mg/kg	2.1	--	1	10/16/14 21:29	10/17/14 09:46	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-24	Date Collected:	10/08/14 13:50
Client ID:	1165-E (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	41		mg/kg	2.1	--	1	10/16/14 21:29	10/17/14 09:50	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-25	Date Collected:	10/08/14 14:00
Client ID:	1165-W (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	86%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	160		mg/kg	2.3	--	1	10/16/14 21:29	10/17/14 09:54	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-26	Date Collected:	10/08/14 14:00
Client ID:	1165-W (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	89%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	120		mg/kg	2.2	--	1	10/16/14 21:29	10/17/14 09:57	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-27	Date Collected:	10/08/14 14:10
Client ID:	1167-N (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	81%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	67		mg/kg	2.4	--	1	10/16/14 21:29	10/17/14 10:01	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-28	Date Collected:	10/08/14 14:10
Client ID:	1167-N (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	88%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	44		mg/kg	2.2	--	1	10/16/14 21:29	10/17/14 10:18	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-29	Date Collected:	10/08/14 14:20
Client ID:	1167-S (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	24		mg/kg	2.3	--	1	10/16/14 21:29	10/17/14 10:22	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-30	Date Collected:	10/08/14 14:20
Client ID:	1167-S (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	84%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	28		mg/kg	2.3	--	1	10/16/14 21:29	10/17/14 10:25	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-31	Date Collected:	10/08/14 14:30
Client ID:	1167-E (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	83%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	55		mg/kg	2.4	--	1	10/16/14 21:29	10/17/14 10:29	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-32	Date Collected:	10/08/14 14:30
Client ID:	1167-E (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	85%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	43		mg/kg	2.2	--	1	10/16/14 21:29	10/17/14 10:33	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-33	Date Collected:	10/08/14 14:40
Client ID:	1167-W (SURFACE)	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	92%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	120		mg/kg	2.1	--	1	10/16/14 21:29	10/17/14 10:37	EPA 3050B	97,6010C	MG

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

SAMPLE RESULTS

Lab ID:	L1423888-34	Date Collected:	10/08/14 14:00
Client ID:	1167-W (0.5')	Date Received:	10/09/14
Sample Location:	WAKEFIELD, MA	Field Prep:	Not Specified
Matrix:	Soil		
Percent Solids:	93%		

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Prep Method	Analytical Method	Analyst
MCP Total Metals - Westborough Lab											
Lead, Total	110		mg/kg	2.1	--	1	10/16/14 21:29	10/17/14 10:40	EPA 3050B	97,6010C	MG

Project Name: HULL USCG **Lab Number:** L1423888

Project Number: 143-1298-15001 **Report Date:** 10/21/14

Method Blank Analysis
Batch Quality Control

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Total Metals - Westborough Lab for sample(s): 01-20 Batch: WG731846-1										
Lead, Total	ND		mg/kg	2.0	--	1	10/16/14 19:52	10/17/14 10:48	97,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
MCP Total Metals - Westborough Lab for sample(s): 21-34 Batch: WG731855-1										
Lead, Total	ND		mg/kg	2.0	--	1	10/16/14 21:29	10/17/14 09:27	97,6010C	MG

Prep Information

Digestion Method: EPA 3050B

Lab Control Sample Analysis

Batch Quality Control

Project Name: HULL USCG

Project Number: 143-1298-15001

Lab Number: L1423888

Report Date: 10/21/14

Parameter	LCS %Recovery	Qual	LCSD %Recovery	Qual	%Recovery Limits	RPD	Qual	RPD Limits
MCP Total Metals - Westborough Lab Associated sample(s): 01-20 Batch: WG731846-2 WG731846-3 SRM Lot Number: D083-540								
Lead, Total	89		91		81-119	2		30
MCP Total Metals - Westborough Lab Associated sample(s): 21-34 Batch: WG731855-2 WG731855-3 SRM Lot Number: D083-540								
Lead, Total	92		90		81-119	2		30

INORGANICS
&
MISCELLANEOUS

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-01
Client ID: 1159-W (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.9		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-02
Client ID: 1159-W (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.6		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-03
Client ID: 1161-N (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:10
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.5		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-04
Client ID: 1161-N (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:10
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.4		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-05
Client ID: 1161-S (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:20
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.6		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-06
Client ID: 1161-S (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:20
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	89.7		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-07
Client ID: 1161-E (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.7		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-08
Client ID: 1161-E (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.7		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-09
Client ID: 1161-W (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:40
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.5		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-10
Client ID: 1161-W (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:40
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.4		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-11
Client ID: 1163-N (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:50
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.0		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-12
Client ID: 1163-N (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 12:50
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-13
Client ID: 1163-S (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.2		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-14
Client ID: 1163-S (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.6		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-15
Client ID: 1163-E (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:10
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.4		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-16
Client ID: 1163-E (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:10
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.8		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-17
Client ID: 1163-W (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:20
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.8		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-18
Client ID: 1163-W (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:20
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.8		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-19
Client ID: 1165-N (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.4		%	0.100	NA	1	-	10/15/14 14:16	30,2540G	SG

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-20
Client ID: 1165-N (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.8		%	0.100	NA	1	-	10/15/14 00:45	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-21
Client ID: 1165-S (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:40
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	85.5		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-22
Client ID: 1165-S (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:40
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	90.7		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-23
Client ID: 1165-E (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:50
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-24
Client ID: 1165-E (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 13:50
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.1		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-25
Client ID: 1165-W (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 14:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	86.3		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-26
Client ID: 1165-W (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 14:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	88.6		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-27
Client ID: 1167-N (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 14:10
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	81.0		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-28
Client ID: 1167-N (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 14:10
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	87.6		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-29
Client ID: 1167-S (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 14:20
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.0		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-30
Client ID: 1167-S (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 14:20
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.1		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-31
Client ID: 1167-E (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 14:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	82.8		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-32
Client ID: 1167-E (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 14:30
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	84.5		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-33
Client ID: 1167-W (SURFACE)
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 14:40
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	91.5		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

SAMPLE RESULTS

Lab ID: L1423888-34
Client ID: 1167-W (0.5')
Sample Location: WAKEFIELD, MA
Matrix: Soil

Date Collected: 10/08/14 14:00
Date Received: 10/09/14
Field Prep: Not Specified

Parameter	Result	Qualifier	Units	RL	MDL	Dilution Factor	Date Prepared	Date Analyzed	Analytical Method	Analyst
General Chemistry - Westborough Lab										
Solids, Total	93.0		%	0.100	NA	1	-	10/15/14 01:03	30,2540G	RT

Lab Duplicate Analysis
Batch Quality Control

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

Parameter	Native Sample	Duplicate Sample	Units	RPD	Qual	RPD Limits
General Chemistry - Westborough Lab Associated sample(s): 01-18,20 QC Batch ID: WG731072-1 QC Sample: L1423888-01 Client ID: 1159-W (SURFACE)						
Solids, Total	90.9	91.4	%	1		20
General Chemistry - Westborough Lab Associated sample(s): 21-34 QC Batch ID: WG731074-1 QC Sample: L1423888-21 Client ID: 1165-S (SURFACE)						
Solids, Total	85.5	85.2	%	0		20
General Chemistry - Westborough Lab Associated sample(s): 19 QC Batch ID: WG731334-2 QC Sample: L1424401-09 Client ID: DUP Sample						
Solids, Total	37.9	37.7	%	1		20

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

Sample Receipt and Container Information

Were project specific reporting limits specified? YES

Reagent H2O Preserved Vials Frozen on: NA

Cooler Information Custody Seal

Cooler	
A	Absent

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1423888-01A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-02A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-03A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-04A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-05A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-06A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-07A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-08A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-09A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-10A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-11A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-12A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-13A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-14A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-15A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-16A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-17A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-18A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-19A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-20A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-21A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-22A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-23A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-24A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-25A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-26A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-27A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)

*Values in parentheses indicate holding time in days

Project Name: HULL USCG
Project Number: 143-1298-15001

Lab Number: L1423888
Report Date: 10/21/14

Container Information

Container ID	Container Type	Cooler	pH	Temp deg C	Pres	Seal	Analysis(*)
L1423888-28A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-29A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-30A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-31A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-32A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-33A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)
L1423888-34A	Amber 120ml unpreserved	A	N/A	3.8	Y	Absent	TS(7),MCP-PB-6010T-10(180)

*Values in parentheses indicate holding time in days

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

GLOSSARY

Acronyms

EDL	- Estimated Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The EDL includes any adjustments from dilutions, concentrations or moisture content, where applicable. The use of EDLs is specific to the analysis of PAHs using Solid-Phase Microextraction (SPME).
EPA	- Environmental Protection Agency.
LCS	- Laboratory Control Sample: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
LCSD	- Laboratory Control Sample Duplicate: Refer to LCS.
LFB	- Laboratory Fortified Blank: A sample matrix, free from the analytes of interest, spiked with verified known amounts of analytes or a material containing known and verified amounts of analytes.
MDL	- Method Detection Limit: This value represents the level to which target analyte concentrations are reported as estimated values, when those target analyte concentrations are quantified below the reporting limit (RL). The MDL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
MS	- Matrix Spike Sample: A sample prepared by adding a known mass of target analyte to a specified amount of matrix sample for which an independent estimate of target analyte concentration is available.
MSD	- Matrix Spike Sample Duplicate: Refer to MS.
NA	- Not Applicable.
NC	- Not Calculated: Term is utilized when one or more of the results utilized in the calculation are non-detect at the parameter's reporting unit.
NI	- Not Ignitable.
RL	- Reporting Limit: The value at which an instrument can accurately measure an analyte at a specific concentration. The RL includes any adjustments from dilutions, concentrations or moisture content, where applicable.
RPD	- Relative Percent Difference: The results from matrix and/or matrix spike duplicates are primarily designed to assess the precision of analytical results in a given matrix and are expressed as relative percent difference (RPD). Values which are less than five times the reporting limit for any individual parameter are evaluated by utilizing the absolute difference between the values; although the RPD value will be provided in the report.
SRM	- Standard Reference Material: A reference sample of a known or certified value that is of the same or similar matrix as the associated field samples.

Footnotes

1	- The reference for this analyte should be considered modified since this analyte is absent from the target analyte list of the original method.

Terms

Total: With respect to Organic analyses, a 'Total' result is defined as the summation of results for individual isomers or Aroclors. If a 'Total' result is requested, the results of its individual components will also be reported. This is applicable to 'Total' results for methods 8260, 8081 and 8082.

Analytical Method: Both the document from which the method originates and the analytical reference method. (Example: EPA 8260B is shown as 1,8260B.) The codes for the reference method documents are provided in the References section of the Addendum.

Data Qualifiers

A	- Spectra identified as "Aldol Condensation Product".
B	- The analyte was detected above the reporting limit in the associated method blank. Flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For MCP-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank. For DOD-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte at less than ten times (10x) the concentration found in the blank AND the analyte was detected above one-half the reporting limit (or above the reporting limit for common lab contaminants) in the associated method blank. For NJ-Air-related projects, flag only applies to associated field samples that have detectable concentrations of the analyte above the reporting limit. For NJ-related projects (excluding Air), flag only applies to associated field samples that have detectable concentrations of the analyte, which was detected above the reporting limit in the associated method blank or above five times the reporting limit for common lab contaminants (Phthalates, Acetone, Methylene Chloride, 2-Butanone).
C	- Co-elution: The target analyte co-elutes with a known lab standard (i.e. surrogate, internal standards, etc.) for co-extracted analyses.
D	- Concentration of analyte was quantified from diluted analysis. Flag only applies to field samples that have detectable concentrations of the analyte.
E	- Concentration of analyte exceeds the range of the calibration curve and/or linear range of the instrument.

Report Format: Data Usability Report

Project Name:	HULL USCG	**Lab Number:**	L1423888
Project Number:	143-1298-15001	**Report Date:**	10/21/14

Data Qualifiers

G - The concentration may be biased high due to matrix interferences (i.e, co-elution) with non-target compound(s). The result should be considered estimated.

H - The analysis of pH was performed beyond the regulatory-required holding time of 15 minutes from the time of sample collection.

I - The lower value for the two columns has been reported due to obvious interference.

M - Reporting Limit (RL) exceeds the MCP CAM Reporting Limit for this analyte.

NJ - Presumptive evidence of compound. This represents an estimated concentration for Tentatively Identified Compounds (TICs), where the identification is based on a mass spectral library search.

P - The RPD between the results for the two columns exceeds the method-specified criteria.

Q - The quality control sample exceeds the associated acceptance criteria. For DOD-related projects, LCS and/or Continuing Calibration Standard exceedences are also qualified on all associated sample results. Note: This flag is not applicable for matrix spike recoveries when the sample concentration is greater than 4x the spike added or for batch duplicate RPD when the sample concentrations are less than 5x the RL. (Metals only.)

R - Analytical results are from sample re-analysis.

RE - Analytical results are from sample re-extraction.

S - Analytical results are from modified screening analysis.

J - Estimated value. This represents an estimated concentration for Tentatively Identified Compounds (TICs).

ND - Not detected at the reporting limit (RL) for the sample.

Report Format: Data Usability Report

REFERENCES

30 Standard Methods for the Examination of Water and Wastewater. APHA-AWWA-WPCF. 18th Edition. 1992.

97 EPA Test Methods (SW-846) with QC Requirements & Performance Standards for the Analysis of EPA SW-846 Methods under the Massachusetts Contingency Plan, WSC-CAM-IIA, IIB, IIIA, IIIB, IIIC, IIID, VA, VB, VC, VIA, VIB, VIIIA and VIIIB, July 2010.

LIMITATION OF LIABILITIES

Alpha Analytical performs services with reasonable care and diligence normal to the analytical testing laboratory industry. In the event of an error, the sole and exclusive responsibility of Alpha Analytical shall be to re-perform the work at it's own expense. In no event shall Alpha Analytical be held liable for any incidental, consequential or special damages, including but not limited to, damages in any way connected with the use of, interpretation of, information or analysis provided by Alpha Analytical.

We strongly urge our clients to comply with EPA protocol regarding sample volume, preservation, cooling, containers, sampling procedures, holding time and splitting of samples in the field.

Certification Information

Last revised April 15, 2014

The following analytes are not included in our NELAP Scope of Accreditation:

Westborough Facility
EPA 524.2: Acetone, 2-Butanone (Methyl ethyl ketone (MEK)), Tert-butyl alcohol, 2-Hexanone, Tetrahydrofuran, 1,3,5-Trichlorobenzene, 4-Methyl-2-pentanone (MIBK), Carbon disulfide, Diethyl ether.
EPA 8260C: 1,2,4,5-Tetramethylbenzene, 4-Ethyltoluene, Iodomethane (methyl iodide), Methyl methacrylate, Azobenzene.
EPA 8330A/B: PETN, Picric Acid, Nitroglycerine, 2,6-DANT, 2,4-DANT.
EPA 8270D: 1-Methylnaphthalene, Dimethylnaphthalene,1,4-Diphenylhydrazine.
EPA 625: 4-Chloroaniline, 4-Methylphenol.
SM4500: Soil: Total Phosphorus, TKN, NO2, NO3.
EPA 9071: Total Petroleum Hydrocarbons, Oil & Grease.

Mansfield Facility
EPA 8270D: Biphenyl.
EPA 2540D: TSS
EPA TO-15: Halothane, 2,4,4-Trimethyl-2-pentene, 2,4,4-Trimethyl-1-pentene, Thiophene, 2-Methylthiophene, 3-Methylthiophene, 2-Ethylthiophene, 1,2,3-Trimethylbenzene, Indan, Indene, 1,2,4,5-Tetramethylbenzene, Benzothiophene, 1-Methylnaphthalene.

The following analytes are included in our Massachusetts DEP Scope of Accreditation, Westborough Facility:

Drinking Water
EPA 200.8: Sb,As,Ba,Be,Cd,Cr,Cu,Pb,Ni,Se,Tl; **EPA 200.7**: Ba,Be,Ca,Cd,Cr,Cu,Na; **EPA 245.1:** Mercury;
EPA 300.0: Nitrate-N, Fluoride, Sulfate; **EPA 353.2**: Nitrate-N, Nitrite-N; **SM4500NO3-F**: Nitrate-N, Nitrite-N; **SM4500F-C, SM4500CN-CE, EPA 180.1, SM2130B, SM4500Cl-D, SM2320B, SM2540C, SM4500H-B**
EPA 332: Perchlorate.
Microbiology: **SM9215B; SM9223-P/A, SM9223B-Colilert-QT, Enterolert-QT.**

Non-Potable Water
EPA 200.8: Al,Sb,As,Be,Cd,Cr,Cu,Pb,Mn,Ni,Se,Ag,Tl,Zn;
EPA 200.7: Al,Sb,As,Be,Cd,Ca,Cr,Co,Cu,Fe,Pb,Mg,Mn,Mo,Ni,K,Se,Ag,Na,Sr,Ti,Tl,V,Zn;
EPA 245.1, SM4500H,B, EPA 120.1, SM2510B, SM2540C, SM2340B, SM2320B, SM4500CL-E, SM4500F-BC, SM426C, SM4500NH3-BH, **EPA 350.1**: Ammonia-N, **LACHAT 10-107-06-1-B**: Ammonia-N, **SM4500NO3-F,**
EPA 353.2: Nitrate-N**, SM4500NH3-BC-NES, EPA 351.1, SM4500P-E, SM4500P-B, E, SM5220D, EPA 410.4, SM5210B, SM5310C, SM4500CL-D, EPA 1664, SM14 510AC, EPA 420.1, SM4500-CN-CE, SM2540D.**
EPA 624: Volatile Halocarbons & Aromatics,
EPA 608: Chlordane, Toxaphene, Aldrin, alpha-BHC, beta-BHC, gamma-BHC, delta-BHC, Dieldrin, DDD, DDE, DDT, Endosulfan I, Endosulfan II, Endosulfan sulfate, Endrin, Endrin Aldehyde, Heptachlor, Heptachlor Epoxide, PCBs
EPA 625: SVOC (Acid/Base/Neutral Extractables), **EPA 600/4-81-045**: PCB-Oil.
Microbiology: **SM9223B-Colilert-QT; Enterolert-QT, SM9222D-MF**.

For a complete listing of analytes and methods, please contact your Alpha Project Manager.

CHAIN OF CUSTODY

PAGE 4 OF 7

ALPHA ANALYTICAL — World Class Chemistry

8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 10/9/14

ALPHA Job #: L1423888

Project Information

Project Name: Hull USCG
Project Location: Hull, MA
Project #: 143-1298-15001
Project Manager: Matt Madden
ALPHA Quote #:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #:

Client Information

Client: TetraTech
Address: 1 Grant St
Framingham
Phone:
Email: Matt.madden@tetratech

Regulatory Requirements & Project Information Requirements

☒ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10 Day TAT 10/21/14

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; Lead 6010B

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Lead 6010B	Sample Comments	TOTAL # BOTTLES
23888 -01	1159-W (surface)	10/8/14	1200	Soil	AR	X		
-02	1159-W (0.5')	↓	1200	↓	↓	X		
-03	1161-N (surface)		1210			X		
-04	1161-N (0.5')		1210			X		
-05	1161-S (surface)		1220			X		
-06	1161-S (0.5')		1220			X		
-07	1161-E (surface)		1230			X		
-08	1161-E (0.5')		1230			X		
-09	1161-W (surface)		1240			X		
-10	1161-W (0.5')	↓	1240	↓	↓	X		
					Container Type	A		
					Preservative	A		

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
F= MeOH
G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10-9-14/1000	[signature]	10/9/14 1045
[signature]	10/9/14 1215	[signature]	10/9/14 1215

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

CHAIN OF CUSTODY

PAGE 5 OF 7

ALPHA ANALYTICAL — World Class Chemistry

8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 10/9/14

ALPHA Job #: L1423888

Project Information

Project Name: Hull USCG
Project Location: Hull, MA
Project #: 143-1298-15001
Project Manager: Matt Madden
ALPHA Quote #:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #:

Client Information

Client: Tetra Tech
Address: 1 Grant St
Framingham
Phone:
Email:

Regulatory Requirements & Project Information Requirements

☒ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: Lodging AT 10/21/14

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; Lead 6010B

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Lead 6010B	Sample Comments	Total # Bottles
23888-11	1163-N (surface)	10/8/14	1250	Soil	AR	X		
-12	1163-N (0.5')		1250			X		
-13	1163-S (surface)		1300			X		
-14	1163-S (0.5')		1300			X		
-15	1163-E (surface)		1310			X		
-16	1163-E (0.5')		1310			X		
-17	1163-W (surface)		1320			X		
-18	1163-W (0.5')		1320			X		
-19	1165-N (surface)		1330			X		
-20	1165-N (0.5')		1330			X		
				Container Type		A		
				Preservative		A		

Container Type: P= Plastic, A= Amber glass, V= Vial, G= Glass, B= Bacteria cup, C= Cube, O= Other, E= Encore, D= BOD Bottle

Preservative: A= None, B= HCl, C= HNO_3, D= H_2SO_4, E= NaOH, F= MeOH, G= $NaHSO_4$, H= $Na_2S_2O_3$, I= Ascorbic Acid, J= NH_4Cl, K= Zn Acetate, O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10-9-14 1000	[signature]	10/9/14 1000
[signature]	10/9/14 1245	[signature]	10/9/14 1245

All samples submitted are subject to Alpha's Terms and Conditions. See reverse side.

FORM NO: 01-01 (rev. 12-Mar-2012)

CHAIN OF CUSTODY

PAGE 6 OF 7

ALPHA ANALYTICAL — World Class Chemistry

8 Walkup Drive, Westboro, MA 01581, Tel: 508-898-9220
320 Forbes Blvd, Mansfield, MA 02048, Tel: 508-822-9300

Date Rec'd in Lab: 10/9/14

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Project Name: Hull USGC
Project Location: Hull, MA
Project #: 143-1298-15001
Project Manager: Matt Madden
ALPHA Quote #:

Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

☒ Same as Client info PO #:

Client Information

Client: Tetra Tech
Address:
Phone:
Email: Matt.Madden@TetraTech

Regulatory Requirements & Project Information Requirements

☒ Yes ☐ No MA MCP Analytical Methods ☐ Yes ☐ No CT RCP Analytical Methods
☐ Yes ☒ No Matrix Spike Required on this SDG? (Required for MCP Inorganics)
☐ Yes ☒ No GW1 Standards (Info Required for Metals & EPH with Targets)
☐ Yes ☒ No NPDES RGP
☐ Other State /Fed Program _____ Criteria _____

Turn-Around Time

☒ Standard ☐ RUSH (only confirmed if pre-approved!)

Date Due: 10 Day TAT 10/21/14

Additional Project Information:

ANALYSIS: VOC: ☐ 8260 ☐ 624 ☐ 524.2; SVOC: ☐ ABN ☐ PAH; METALS: ☐ MCP 13 ☐ MCP 14 ☐ RCP 15; METALS: ☐ RCRA5 ☐ RCRA8 ☐ PP13; EPH: ☐ Ranges & Targets ☐ Ranges Only; VPH: ☐ Ranges & Targets ☐ Ranges Only; ☐ PCB ☐ PEST; TPH: ☐ Quant Only ☐ Fingerprint; Lead 6010B

SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Lead 6010B	Sample Comments	Total # Bottles
23888-21	1165-S (surface)	10/8/14	1340	Soil	AR	X		
-22	1165-S (0.5')		1340			X		
-23	1165-E (surface)		1350			X		
-24	1165-E (0.5')		1350			X		
-25	1165-W (surface)		1400			X		
-26	1165-W (0.5')		1400			X		
-27	1167-N (surface)		1410			X		
-28	1167-N (0.5')		1410			X		
-29	1167-S (surface)		1420			X		
-30	1167-S (0.5')		1420			X		
				Container Type		A		
				Preservative		A		

Container Type: P= Plastic, A= Amber glass, V= Vial, G= Glass, B= Bacteria cup, C= Cube, O= Other, E= Encore, D= BOD Bottle

Preservative: A= None, B= HCl, C= HNO_3, D= H_2SO_4, E= NaOH, F= MeOH, G= $NaHSO_4$, H= $Na_2S_2O_3$, I= Ascorbic Acid, J= NH_4Cl, K= Zn Acetate, O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10-9-14 / 1000	[signature]	10/9/14 1015
[signature]	10/9/14 1210	[signature]	10/9/14 1215

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CHAIN OF CUSTODY

PAGE 7 OF 7

ALPHA ANALYTICAL World Class Chemistry
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Report Information - Data Deliverables

☒ ADEx ☒ EMAIL

Billing Information

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Client Information

Client: Tetra Tech
Address:
Phone:
Email: Matt.Madden@TetraTech

Regulatory Requirements & Project Information Requirements

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Turn-Around Time

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SAMPLE INFO: Filtration ☐ Field ☐ Lab to do; Preservation ☐ Lab to do

ALPHA Lab ID (Lab Use Only)	Sample ID	Collection Date	Collection Time	Sample Matrix	Sampler Initials	Lead 6010B	Sample Comments	TOTAL # BOTTLES
23888-31	1167-E (surface)	10/8/14	1430	Soil	AR	X		
-32	1167-E (0.5')	↓	1430	↓	↓	X		
-33	1167-W (Surface)	↓	1440	↓	↓	X		
-34	1167-W (0.5')	↓	1400	↓	↓	X		
	Container Type					A		
	Preservative					A		

Container Type
P= Plastic
A= Amber glass
V= Vial
G= Glass
B= Bacteria cup
C= Cube
O= Other
E= Encore
D= BOD Bottle

Preservative
A= None
B= HCl
C= HNO_3
D= H_2SO_4
E= NaOH
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G= $NaHSO_4$
H = $Na_2S_2O_3$
I= Ascorbic Acid
J = NH_4Cl
K= Zn Acetate
O= Other

Relinquished By:	Date/Time	Received By:	Date/Time
[signature]	10/8/14 1000	[signature]	10/9/14 1015
[signature]	10/9/14 1215	[signature]	10/9/14 1215

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FORM NO: 01-01 (rev. 12-Mar-2012)

APPENDIX E:
ENVIRONMENTAL INFORMATION AND NEPA DATA GATHERING REPORT

FINAL

Environmental Information and NEPA Data Gathering Report

U.S. Coast Guard Hull, Massachusetts Housing Units

1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue
Hull, Massachusetts, 02045
Contract No. GS-00P-14-CY-A-0002/Award No. GS-P-00-14-CY-5026

Prepared For:

United States General Services Administration

Office of Real Property Utilization and Disposal
1800 F Street, NW
Washington, DC 20405

Prepared By:

Tetra Tech, Inc.

45610 Woodland Road, Suite 400
Sterling, VA 20166
July 2015

Tetra Tech Project No: 103G1058243.001
Date of Site Visit: October 15, 2014

Jimmy Kehs
Project Manager

Jeremy B. Travis
Program Manager

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TABLES

Table 1 Legally-Protected Species with the Potential to Occur in the Vicinity of the USCG Hull, Massachusetts Housing Units

ATTACHMENTS

Attachment A Sensitive Environmental Areas Map
Attachment B Additional Information Reviewed
Attachment C Correspondence

1.0 INTRODUCTION

An analysis of the potential effects of a federal action are required pursuant to the National Environmental Policy Act of 1969 (NEPA; 42 United States Code [USC] 4321 et seq.) and Council on Environmental Quality (CEQ) Regulations Implementing the Procedural Provisions of NEPA (40 Code of Federal Regulations [CFR] 1500-1508). During the NEPA analysis, federal, state, and local regulations and requirements are considered that could apply to the federal action. The CEQ regulations encourage federal agencies to integrate all of the required environmental reviews into the environmental documents that are prepared pursuant to NEPA. Other environmental reviews may include statutory requirements set forth under the Endangered Species Act (ESA; 16 USC §1531 et seq.), National Historic Preservation Act (NHPA; 16 USC 470 et seq.), Executive Orders (EOs), or other federal, state, and local laws and regulations.

The United States (U.S.) Coast Guard (USCG) is proposing to sell eight stand-alone housing units located on approximately 1.7 acres of land in Hull, Plymouth County, Massachusetts. To ensure USCG's compliance with NEPA and other statutory requirements relevant to special status species and habitat, wetlands, floodplains, and historical and cultural resources on or in the vicinity of the Site, a desktop review and site visit of these resource areas were conducted to support the development of USCG's NEPA analysis for this action.

The following sections include a summary of applicable statutory requirements that pertain to special status species and habitat, wetlands, floodplains, and historical and cultural resources, and provide a description of the existing conditions within and in the vicinity of this Site in Hull, Massachusetts, based on the review of available information from the USCG and other agencies as well as the site visit. No agency consultation under Section 7 of the ESA or Section 106 of the NHPA was conducted as part of the data gathering process. However, the necessary agencies were contacted to obtain information.

2.0 SPECIAL STATUS SPECIES AND CRITICAL HABITAT

2.1 REGULATORY FRAMEWORK

Primary Regulatory Drivers

- Endangered Species Act
- Bald and Golden Eagle Protection Act
- Migratory Bird Treaty Act
- Massachusetts' Endangered Species Act and associated Rules
- Massachusetts' Endangered Plant and Insect Species Act and associated Rules

Federal status as a threatened or endangered species is derived from the ESA (16 USC §1531 *et seq*.) and is administered by the USFWS and the National Marine Fisheries Service (NMFS). They maintain a current list of federally endangered (FE) and threatened (FT) species, candidate species, and species of concern. The USFWS also maintains critical habitat mapping for threatened and endangered species. Candidate species and species of concern designated by USFWS or NMFS receive no statutory protection under the ESA. The following provides information regarding federally and state listed threatened and endangered species and critical habitat. State-listed species designated as endangered or threatened in Massachusetts are regulated by the Massachusetts Endangered Species Act (MESA). A state endangered species is defined as "any species of fish, plant life, or wildlife that is in danger of extinction throughout all or a significant part of its range, other than a species of insect determined by the Department, or the Secretary of the United States Department of the Interior to constitute a pest whose protection under this part would present an overwhelming and overriding risk to humans." A state threatened species is defined as "any species which is likely to become an endangered species within the foreseeable future throughout all or a significant portion of its range." Massachusetts also identifies species of special concern that are in danger of becoming endangered or threatened if populations continue to decline. However, species of special concern are not afforded legal protection under state law.

State listed species are derived from Geographic Information System (GIS) based mapping by the Massachusetts Natural Heritage and Endangered Species Program (MA NHESP). MA NHESP maintains mapping of Estimated Habitat Map of State-Listed Rare Wetland Wildlife and Priority Habitat of Rare Species and sites containing said Habitat are subject to the Massachusetts Endangered Species Act administered under 321 CMR 10.00- 11.00 by the Massachusetts Division of Fisheries and Wildlife.

The USFWS's New England Field Office has established project consultation procedures to assist applicants in determining whether a federally-listed, proposed and/or candidate species may occur within a project area and whether agency consultation is necessary for projects with federal authorization. As stated on their web site, "due to an increasingly heavy workload, the New England Field Office has provided the following procedure and guidelines to assist the public in determining whether a Section 7 consultation is needed and how to avoid or minimize adverse effects for specific projects." **Attachment B, Additional Information Sources,** provides the USFWS self-certification consultation process, including the list of Federally Endangered and Threatened

Species in Massachusetts and the Town Species Viewer for Hull, Massachusetts, along with the U.S. Fish and Wildlife letter dated January 7, 2014 *[sic]*. The letter was received in January, 2015.

2.2 EXISTING CONDITIONS

Tetra Tech followed the procedures outlined on the New England Field Office web site (see **Attachment B**, Endangered Species Consultation), and reviewed the state list of counties in which federally listed endangered and threatened species occur. According to the Massachusetts list, there is one federally listed threatened species, the Piping Plover, and two federally listed endangered species including the Northern Red-bellied Cooter and the Roseate Tern present in Plymouth County. The Piping Plover is also identified as a state threatened species and the Red-bellied Cooter and Roseate Tern are identified as state endangered species. However Hull is not included on the Town Listing including these species from Plymouth County.

The next step in the USFWS process is a review of the MA NHESP website, which lists species by Town (see **Attachment B**, Town Viewer Listing). A review of the list indicates that there are no federally listed species in the Town of Hull. Based upon the information above, there are no federally-listed, proposed and/or candidate species known to occur on the Site or in the vicinity. Based on this information, the USFWS process allows a letter to be downloaded stating "no species are known to occur in the project area." Please find the response from the USFWF letter dated January 7, 2014 *[sic]* (letter was received by Tetra Tech in January, 2015) in **Attachment C**.

Tetra Tech consulted the USFWS Critical Habitat Portal to determine the presence or absence of federal critical habitat for threatened and endangered species. According to the Critical Habitat Portal, in Massachusetts, federally mapped critical habitat for the red-bellied turtle is limited to the Town of Plymouth, in Plymouth County. Coastal critical habitat for the Atlantic Right Whale is mapped in Massachusetts Bay and within the Atlantic Ocean off of Cape Cod. Therefore the site is not located within or in the vicinity of federally mapped critical habitat. Tetra Tech did not observe federally protected species or habitat during Site reconnaissance.

The MA NHESP maintains mapping of state listed Estimated Habitat of Rare Wildlife and Priority Habitat of Rare Species on a GIS datalayer. A review of the datalayer shows that the Site is not located within Estimated Habitat of Rare Wildlife nor is it located in Priority Habitat of Rare Species. Within the Site vicinity, MA NHESP has mapped both Priority and Estimated Habitat within the Atlantic Ocean, located approximately 240 feet to the northeast of the Site. Tetra Tech did not observe any state protected species or habitat during Site reconnaissance.

Based on this information, the site is not located within or in the vicinity of an area mapped as containing federally- or state-listed threatened or endangered species or designated critical habitat.

The site is not mapped as Priority Habitat of Rare Species, nor is it mapped as Estimated Habitat of Rare Wildlife.

Table 1: Legally-Protected Species with the Potential to Occur in the Vicinity of the USCG Hull, Massachusetts Housing Units

Scientific Name	Common Name	Federal Status	State Status	General Habitat Description
Birds				
Charadrius melodus	Piping Plover	FT	ST	Coastal beaches
Sterna dougallii dougalii	Roseate Tern	FE	SE	Coastal beaches and the Atlantic Ocean
Reptile				
Pseudemys rubriventris	Northern Red-bellied Cooter	FE	SE	Inland ponds and rivers
Status Key: FE = Federally Endangered; FT = Federally Threatened; SE = State Endangered; ST = State Threatened				
Sources: NOAA ESA 2014, USFWS NE Field Office, USFWS Critical Habitat Portal				

3.0 WETLANDS AND OTHER SURFACE WATER

Wetlands are an important natural system because of the diverse biological and hydrologic functions they perform. These functions may include water quality improvement, groundwater recharge, pollution treatment, nutrient cycling, the provision of wildlife habitat and niches for unique flora and fauna, storm water storage and erosion protection. The United States Army Corps of Engineers (USACE) defines wetlands as "those areas that are inundated or saturated with ground or surface water at a frequency and duration sufficient to support, and that under normal circumstances do support, a prevalence of vegetation typically adapted to life in saturated soil conditions. Wetlands generally include swamps, marshes, bogs, and similar areas (33 CFR 328).

3.1 REGULATORY FRAMEWORK

Primary Regulatory Drivers

- Clean Water Act
- Rivers and Harbors Act
- Executive Order 11990
- Massachusetts Wetlands Protection Act and associated statutes

Executive Order (EO) 11990 (Protection of Wetlands) requires federal agencies to take action to minimize the destruction, loss or degradation of wetlands, and to preserve and enhance the beneficial values of wetlands. Wetlands are protected as a subset of the "waters of the US" under Section 404 of the Clean Water Act (CWA). Waters of the US are defined under 33 CFR 328.3(a) and referred to as jurisdictional waters. Jurisdictional waters may include coastal and inland waters, lakes, rivers, ponds, streams, intermittent streams, vernal pools, wetlands, and other waters, that if degraded or destroyed could affect interstate commerce. For an area to be classified as a delineated wetland, three conditions must be present: (1) wetland hydrology; (2) hydric soil; and (3) hydrophytic vegetation. Areas that may be periodically wet, but that do not meet all three criteria, are not classified as wetlands.

The identification of state jurisdictional wetlands in Massachusetts is similar to that of the USACE. The identification of state wetlands is performed in accordance with the Massachusetts Wetlands Protection Act (310 CMR 10.00). Locally, municipal wetland bylaws may include additional wetland types as jurisdictional. Any work in state and local jurisdictional wetlands and within 100 or 200 feet of certain wetland/waterway types requires a permit under the Massachusetts Wetlands Protection Act (310 CMR 10.00) administered by the local municipal Conservation Commission.

3.2 EXISTING CONDITIONS

Tetra Tech reviewed both federal and state wetland data layers as provided on the web based mapping. Federally protected wetlands are mapped by the US Fish and Wildlife Service as the National Wetland Inventory (NWI) data layer. State protected wetlands are mapped on MassGIS by the MassDEP as the 12K Wetland data layer.

A review of the GIS based NWI database shows that the Site does not contain NWI federal wetlands. A review of the MassGIS based Mass DEP 12K wetland data layer shows that the site does not contain

state wetlands. The web based NWI and state wetlands represent an estimation of the presence or absence of wetlands based on aerial photography and photo-interpretation and does not reflect actual site conditions. To confirm the presence or absence of wetlands subject to federal, state or local jurisdiction, a wetland scientist must perform a site inspection and field delineation. Tetra Tech also notes that the Site is located in the Coastal Zone requiring Coastal Zone Management Consistency Review. Tetra Tech did not observe wetlands during Site reconnaissance.

4.0 FLOODPLAINS

Primary Regulatory Drivers
- 33 CFR Part 60.3 (Floodplain Management Criteria)
- Executive Order 11988

Floodplains generally are areas of low, level ground present on one or both sides of a stream channel that are subject to either periodic or infrequent inundation by flood waters. Floodplains are typically the result of lateral erosion and deposition that occurs as a river valley is widened. The porous material that composes the floodplain is conducive to retaining water that enters the soil via flooding events and elevated groundwater tables. Inundation dangers associated with floodplains have prompted federal, state, and local legislation limiting the development in these areas to recreation, agriculture, and preservation activities.

4.1 REGULATORY FRAMEWORK

EO 11988 (Floodplain Management) requires agencies to assess the effects that their actions may have on floodplains and to consider alternatives to avoid adverse effects and incompatible development in floodplains. Floodplains are regulated by the Federal Emergency Management Agency (FEMA) with standards outlined in 44 CFR Part 60.3 that established the minimum standards for floodplain management and established a regulatory framework to coordinate with the USACE, FEMA, the United States Department of Agriculture (USDA), USGS, the Tennessee Valley Authority (TVA), and other federal agencies and local governments.

4.2 EXISTING CONDITIONS

Tetra Tech reviewed the FEMA FIRM flood layer information as mapped on MassGIS. Tetra Tech's review of the FIRM (Panel 25023C) shows that the Site is not located within the 100 year flood plain, 500 year flood plain, or floodway. FEMA floodplains in the vicinity of the Site are illustrated on **Figure 1** of **Attachment A**. No flood conditions were observed during Site reconnaissance.

5.0 HISTORIC AND CULTURAL RESOURCES

5.1 REGULATORY FRAMEWORK

Primary Regulatory Drivers

- National Historic Preservation Act
- Native America Graves Protection and Repatriation Act
- Archaeological Resources Protection Act
- American Indian Religious Freedom Act
- EO 13175
- EO 13007
- Massachusetts Community Preservation Act

Cultural resources are historic and prehistoric properties as defined by the NHPA, cultural items as defined by the Native American Graves Protection and Repatriation Act (NAGPRA), archaeological resources as defined by the Archaeological Resources Protection Act (ARPA), sacred sites as defined by EO 13007 (*Indian Sacred Sites*) to which access is afforded under the American Indian Religious Freedom Act (AIRFA), and collections and associated records as defined by 36 CFR 79. They include sites, buildings, structures, or objects that may have significant archaeological and historic values, or properties that may play a significant traditional role in a community's history, beliefs, customs, and practices. Thus, cultural resources encompass a wide range of sites and buildings from prehistoric Native American campsites to military buildings constructed during the Cold War as well as traditional cultural properties still used today.

The principal federal law addressing cultural resources is the NHPA of 1966, as amended (16 USC 470 et seq.), and its implementing regulations (36 CFR 800). The regulations, commonly referred to as the Section 106 process, describe the procedures for identifying and evaluating historic properties; assessing the effects of federal undertakings on historic properties; and consulting to avoid, reduce, or minimize adverse effects. As part of the Section 106 process, federal agencies are required to consult with the SHPO. In the Commonwealth of Massachusetts, the Massachusetts Historical Commission (MHC) is the SHPO.

The term "historic properties" refers to cultural resources that meet specific criteria for eligibility for listing on the National Register for Historic Places (NRHP); historic properties need not be formally listed on the NRHP. Section 106 does not require the preservation of historic properties, but ensures that the decisions of federal agencies concerning the treatment of these places result from meaningful considerations of cultural and historic values and of the options available to protect the properties. However, federal agencies are required under the NHPA to consult with stakeholders and develop reasonable mitigation when their actions will adversely affect historic properties. A federal undertaking as defined by 36 CFR 800.3 is required to comply with Section 106. EO 13175 (Consultation and Coordination with Indian Tribal Governments) and Presidential Memoranda for Heads of Executive Departments and Agencies on Government-to-Government Relations with Native American Tribal Governments (April 29, 1994) establish guidelines to strengthen the US government-to-government relationships with Indian tribes, and ensure consultation occurs with federally recognized tribes for proposed activities that could affect tribal resources or interests.

Any new construction projects or renovations to existing buildings that require funding, licenses, or permits from any state or federal governmental agencies must be reviewed by the MHC for impacts to historic and archaeological properties. It is the nature of the federal or state agency involvement that triggers MHC review, not listing in the National or State Registers of Historic Places. A listing in either register does not necessarily require review and likewise, lack of listing does not eliminate the need for review. MHC review is conducted in compliance with both federal and state statutes and regulations.

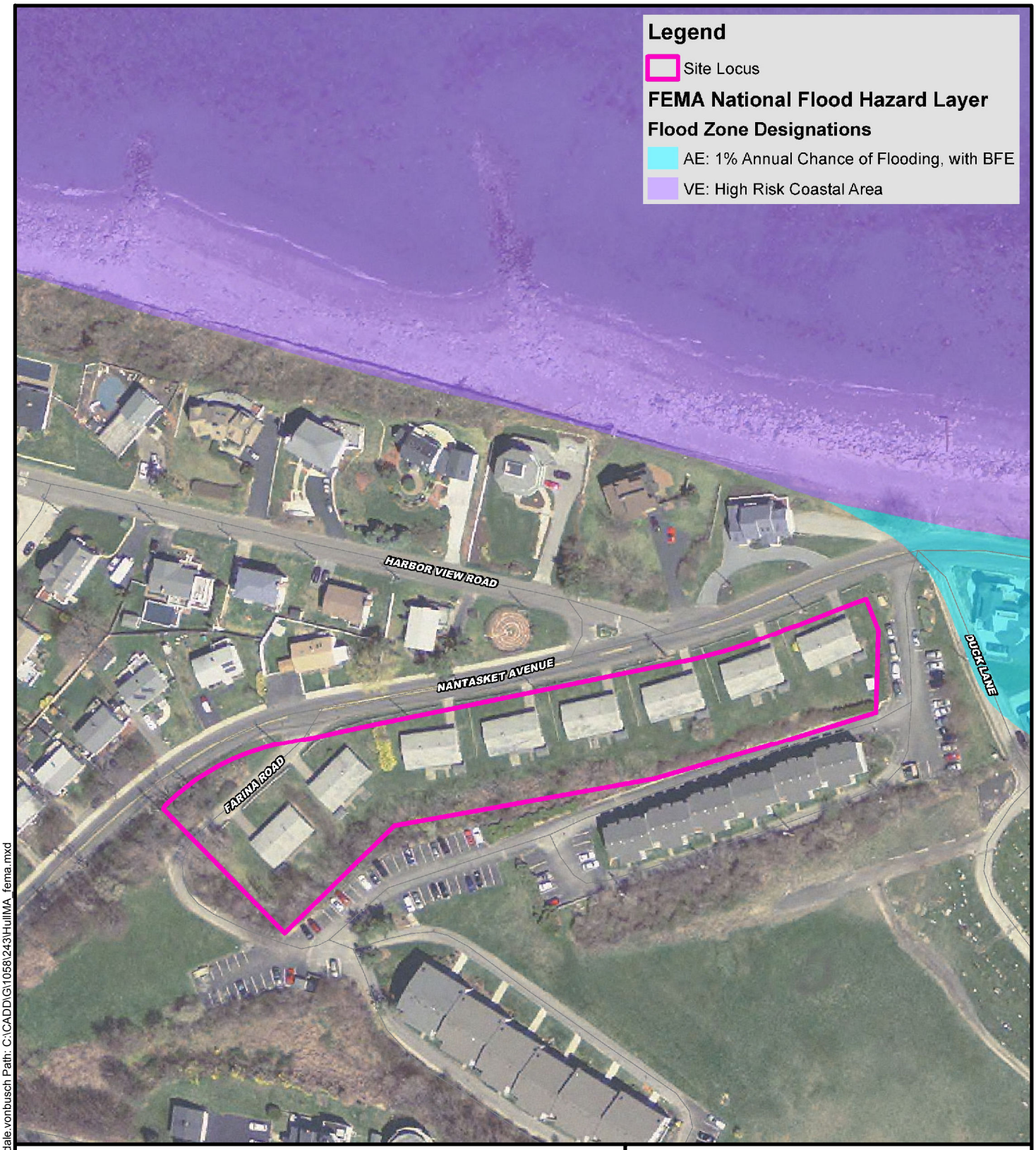
5.2 ARCHAEOLOGICAL AND ARCHITECTURAL RESOURCES

The MHC maintains a web based data base known as the MACRIS. MACRIS data are compiled from a variety of records and files maintained by the MHC including but not limited to, the Inventory of Historic Assets of the Commonwealth, National Register of Historic Places nominations, State Register of Historic Places listings, and local historic district study reports. The resource types identified by the database query include areas, buildings, burial grounds, objects and structures. Tetra Tech reviewed the MACRIS database layer for the presence or absence of mapped historic resources. According to the SHPO, MACRIS does not include archaeological resources and a file review at MHC must be undertaken.

Based on a review of MACRIS the site is not located within a mapped historic resource area. The immediate abutting property to the south is mapped with the Hull Village Historic District. In addition, a Point of Interest, Telegraph Hill, is also located south of the Site.

Tetra Tech conducted a review of the SHPO files for archaeological resources and the Site does not include any mapped archaeological resources. Tetra Tech did not observe any cultural or historical resources during Site reconnaissance.

ATTACHMENT A:
SENSITIVE ENVIRONMENTAL AREAS MAP



Legend

Approximate Property Boundary

N
W E
S

FIGURE 1
SENSITIVE ENVIRONMENTAL AREAS MAP

US Coast Guard Housing Units
8 Housing Units on Nantasket Avenue
Hull, Massachusetts 02045

United States Coast Guard
U.S. Department of Homeland Security

TETRA TECH

Date Saved: 12/3/2014 6:18:45 PM User: dale.vonbusch Path: C:\CADD\G1058\243\HullMA_fema.mxd

ATTACHMENT B:
ADDITIONAL INFORMATION REVIEWED

NEPA Site Photographs
USCG Hull, Massachusetts Housing Units
1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue
Project No. 103G1058243.001

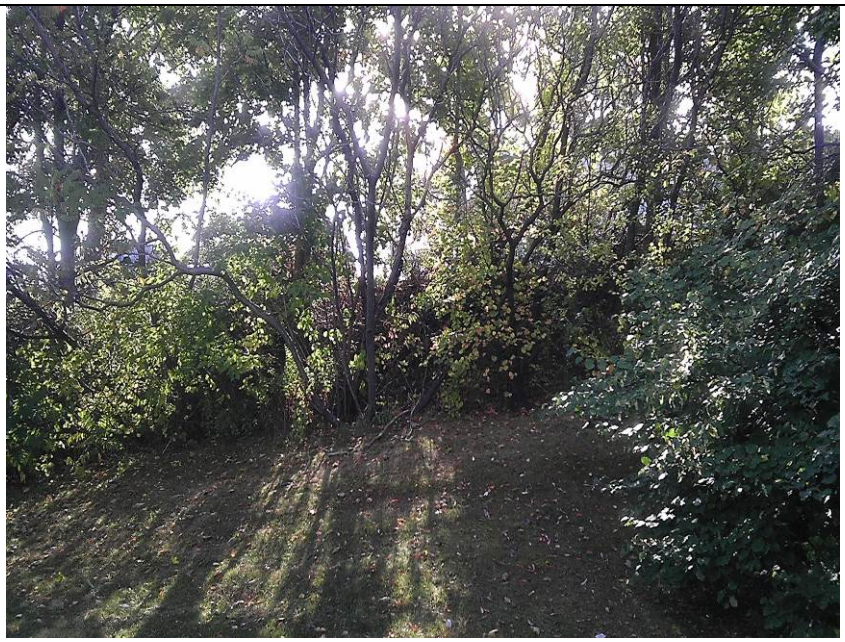
Photo: 1 **Description:** View of a wooded area located along the northern boundary of the Site, facing north. Note that a critical habitat was not observed on the Site and the Site was not observed to have grounds containing endangered or threatened species.	

Photo: 2 **Description:** View of a storm water drain located on the northeast portion of the Site. Note that a critical habitat was not observed on the Site and the Site was not observed to have grounds containing endangered or threatened species. In addition, so surface water was observed on the Site.	

NEPA Site Photographs
USCG Hull, Massachusetts Housing Units
1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue
Project No. 103G1058243.001

Photo: 3 **Description:** View of the northern boundary of the Site, facing east. No surface waters or floodplains were observed in association with the Site.	

Photo: 4 **Description:** View of the southern boundary of the Site, facing west. No wetlands were observed in association with the Site.	

NEPA Site Photographs
USCG Hull, Massachusetts Housing Units
1153, 1155, 1157, 1159, 1161, 1163, 1165 and 1167 Nantasket Avenue
Project No. 103G1058243.001

Photo: 5 **Description:** View of the eastern boundary of the Site, facing east. No historical or archaeological properties were identified in the vicinity of the Site.	

Photo: 6 **Description:** View residences to the west of the Site. No National Environmental Policy Act concerns were identified in association with the Site or surrounding areas.	

U.S. Fish & Wildlife Service

New England Field Office

Conserving the Nature of New England

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Tuesday, October 28, 2014

Endangered Species Reviews/Consultations

ENDANGERED SPECIES
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- Consultation
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- Species Under Review
- Recovery Activities
- Habitat Conservation
- Images
- Biological Opinions

PARTNERS FOR FISH & WILDLIFE
- Overview
- Restoration Initiatives
- Species & Habitats of Special Concern
- Accomplishments
- How to Participate
- Habitat Restoration
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- Oil Spills

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Endangered Species Consultation

Project Review for Projects with Federal Involvement (authorizing, funding or carrying out the project)

The following information is designed to assist applicants or project sponsors in determining whether a federally-listed, proposed and/or candidate species may occur within the proposed project area and whether it is appropriate to contact our office for additional coordination or consultation. We encourage you to print out all materials used in the analyses of effects on listed, proposed or candidate species for your records or submission to the appropriate federal agency or our office.

Step 1. - Determine whether any listed, proposed, or candidate species (T/E species) are likely to occur within the proposed project **action area** based on location of the proposed project:

0. Choose your state list below and review for Towns in which federally-listed species occur:

   Connecticut - 12 species (29 KB)
   Massachusetts - 14 species (41 KB)
   New Hampshire - 13 species (31 KB)
   Rhode Island - 8 species (22 KB)
   Vermont - 10 species (25 KB)

   See Attachment C

A. You should contact your state Natural Heritage Program or Endangered Species Program (see list below) for additional information on federally and state-listed species:

   Rhode Island Natural Heritage Program
   Connecticut Endangered Species Program
   Massachusetts **Natural Heritage and Endangered Species Program**
   Vermont **Non-Game and Natural Heritage**
   New Hampshire **Fish and Game's Non-game and Endangered Wildlife Program**
   New Hampshire Natural Heritage Bureau's **Home Page**

   See Attachment D

   Please note that these agencies provide information on known occurrences; this information does not replace field surveys, especially for plants, as most project sites have not been previously surveyed specifically for listed species.

B. If the project falls within a Town where the endangered dwarf wedgemussel is known to occur, check the appropriate map to determine whether your project is in the vicinity of its known range.

   Massachusetts - **Connecticut River Watershed** (912 KB)
   New Hampshire/Vermont - Connecticut River Watershed
   Upper Connecticut River (872 KB)
   Middle Connecticut River (1.07 MB)
   Lower Connecticut River (1.56 MB)
   New Hampshire - **Ashuelot River Watershed** (886 KB)
   Connecticut - **Connecticut River Watershed** (2.04 MB)

C. If the project falls within a Town where the endangered northern red-bellied cooter is known to occur, or if the project occurs in Plymouth County, Massachusetts, check the map to determine whether your project is in the vicinity of its known range or critical habitat. **NRBC_MAP** (59 KB)

D. If a proposed project occurs in a Town with no known listed, proposed or candidate species present, no further coordination with the Service is needed. You may download a **"no species present" letter** (158 KB) stating "no species are known to occur in the project area".

   See Attachment E

E. If the proposed project occurs in a Town with known occurrences of T/E species, proceed to Step 2.

Step 2. - Determine whether any listed or proposed New England Species are likely to occur within the proposed project area by comparing the habitat present within the proposed project action area with habitat that is suitable for the species.

0. Review the information we have provided on the species list information from the appropriate state agency, and any other sources of information available to you to determine types of habitat the species use. A description of suitable habitat for New England's federally-listed species may be found in **New England Species**' profiles and fact sheets.

A. Determine whether your proposed project action area has any potential for listed species habitat (e.g., are suitable roost trees present? - Indiana bats; are wetlands present? - bog turtles or Northeastern bulrush; will project affect a waterway? – dwarf wedgemussel). After this initial coarse review, determine whether any more detailed surveys may be appropriate (e.g., survey for dwarf wedgemussels).
B. If your state Natural Heritage Program or Endangered Species Program does not identify any listed species for the proposed project AND there is no potential habitat for any listed species within the action area, no further coordination with the Service is required. You may download a **"no species present" letter** (158 KB) stating "no species are known to occur in the project area".
C. If you have identified that potential listed species habitat is present although the species has not been documented from that specific location, further coordination with our office is recommended. Please send the results of your assessment including any habitat surveys to:

Supervisor
U.S. Fish and Wildlife Service
70 Commercial St., Suite 300
Concord, NH 03301

Include in your letter:
A detailed description of the proposed project, including approximate proposed project construction schedule and project activities (e.g., land clearing, utilities, stormwater management). Site plans are often helpful in our evaluation process.

- A description of the natural characteristics of the property and surrounding area (e.g., forested areas, freshwater wetlands, open waters, and soils). Photographs are often helpful in assessing the habitat. Additionally, please include a description of surrounding land use (residential, agricultural, or commercial).
- The location of the above referenced property and extent of any project related activities or discharges clearly indicated on a copy of a USGS 7.5 Minute Topographic Quadrangle (Quad) with the name of the Quad(s) and latitude/longitude clearly labeled.
- A description of conservation measures to avoid or minimize impacts to listed species.

Why does this matter?- In a case where no habitat is present, a quick and easy determination can be made that further coordination is not necessary. In a case where habitat is present, but you believe that the project activities will not impact listed species, it is important to coordinate with us to ensure that all project activities and all potential effects (direct and indirect) have been considered.

(Please allow 30 days following our receipt of your request for processing.)

Step 3. - Based on the results of the habitat survey and a description of the proposed project (including information as to whether any potential habitat may be directly or indirectly affected), the involved Federal agency may determine:

- The proposed project will result in no effect to any T/E species and no further coordination or consultation with the Service is required;
- Additional information (e.g., surveys) is required to determine whether any T/E species are likely to occur within the proposed project area; or
- The proposed project "may affect" a T/E species and consultation with the Service is required.

Files in PDF format will require Acrobat Reader to access the content. If you do not have a copy, please select the link [or click the image] to take you to the Adobe website where you can download a free copy. Get Adobe Acrobat Reader

Last updated: March 3, 2014

FEDERALLY LISTED ENDANGERED AND THREATENED SPECIES IN MASSACHUSETTS

COUNTY	SPECIES	FEDERAL STATUS	GENERAL LOCATION/HABITAT	TOWNS
Barnstable	Piping Plover	Threatened	Coastal Beaches	All Towns
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	All Towns
	Northeastern beach tiger beetle	Threatened	Coastal Beaches	Chatham
	Sandplain gerardia	Endangered	Open areas with sandy soils.	Sandwich and Falmouth.
	Northern Red-bellied Cooter	Endangered	Inland Ponds and Rivers	Bourne (north of the Cape Cod Canal)
Berkshire	Bog Turtle	Threatened	Wetlands	Egremont and Sheffield
Bristol	Piping Plover	Threatened	Coastal Beaches	Fairhaven, Dartmouth, Westport
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	Fairhaven, New Bedford, Dartmouth, Westport
	Northern Red-bellied Cooter	Endangered	Inland Ponds and Rivers	Taunton
Dukes	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	All Towns
	Piping Plover	Threatened	Coastal Beaches	All Towns
	Northeastern beach tiger beetle	Threatened	Coastal Beaches	Aquinnah and Chilmark
	Sandplain gerardia	Endangered	Open areas with sandy soils.	West Tisbury
Essex	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Gloucester, Essex and Manchester
	Piping Plover	Threatened	Coastal Beaches	Gloucester, Essex, Ipswich, Rowley, Revere, Newbury, Newburyport and Salisbury
Franklin	Northeastern bulrush	Endangered	Wetlands	Montague, Warwick
	Dwarf wedgemussel	Endangered	Mill River	Whately
Hampshire	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Hadley
	Puritan tiger beetle	Threatened	Sandy beaches along the Connecticut River	Northampton and Hadley
	Dwarf wedgemussel	Endangered	Rivers and Streams.	Hatfield, Amherst and Northampton
Hampden	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Southwick
Middlesex	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Groton
Nantucket	Piping Plover	Threatened	Coastal Beaches	Nantucket
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	Nantucket
	American burying beetle	Endangered	Upland grassy meadows	Nantucket
Plymouth	Piping Plover	Threatened	Coastal Beaches	Scituate, Marshfield, Duxbury, Plymouth, Wareham and Mattapoisett
	Northern Red-bellied Cooter	Endangered	Inland Ponds and Rivers	Kingston, Middleborough, Carver, Plymouth, Bourne, Wareham, Halifax, and Pembroke
	Roseate Tern	Endangered	Coastal beaches and the Atlantic Ocean	Plymouth, Marion, Wareham, and Mattapoisett.
Suffolk	Piping Plover	Threatened	Coastal Beaches	Winthrop
Worcester	Small whorled Pogonia	Threatened	Forests with somewhat poorly drained soils and/or a seasonally high water table	Leominster

-Eastern cougar and gray wolf are considered extirpated in Massachusetts.
-Endangered gray wolves are not known to be present in Massachusetts, but dispersing individuals from source populations in Canada may occur statewide.
-Critical habitat for the Northern Red-bellied Cooter is present in Plymouth County.

Revised 10/7/2011

Town	Taxonomic Group	ScientificName	CommonName	MESA Status	Federal Status	Most Recent Observation
HULL	Vascular Plant	Rumex pallidus	Seabeach Dock	T		2009
HULL	Bird	Sterna hirundo	Common Tern	SC		2012
HULL	Vascular Plant	Triosteum perfoliatum	Broad Tinker's-weed	E		1890
HULL	Bird	Tyto alba	Barn Owl	SC		1971

Source: Town Species Viewer -Natural Heritage & Endangered Species Program

Date: 10/28/2014
Path: P:\1298\143-1298-15001\GIS\Massachusetts\Hull\Figure 1 Historic Resources.mxd

TETRA TECH
One Grant Street
Framingham, MA 01701-9005
508.903.2000
www.tetratech.com

1 inch = 100 feet
0 50 100
Feet

N

Notes:
1. Historic Data From MassGIS MHC Data Layer

Base Map:
USGS 2013 Aerial

USCG Housing
1153 Nantasket Ave
Hull, Massachusetts

Historic Resources

Figure 1

Massachusetts Cultural Resource Information System
MACRIS

MACRIS Search Results

Search Criteria: Street Name: nantasket Ave;

Inv. No.	Property Name	Street	Town	Year
HUL.47	Hull Fire Station	Nantasket Ave	Hull	1905
HUL.906	King, Bernie Pavilion	Nantasket Ave	Hull	1932
HUL.911	Nantasket Avenue	Nantasket Ave	Hull	1900
HUL.24	Sportsman Hotel	36 Nantasket Ave	Hull	c 1825
HUL.22		96 Nantasket Ave	Hull	r 1915
HUL.35	State Bath House	184 Nantasket Ave	Hull	c 1935
HUL.30	Paragon Park Arcade	211 Nantasket Ave	Hull	r 1910
HUL.33	MDC Waiting Room - Restaurant	211 Nantasket Ave	Hull	c 1903
HUL.34	MDC Laundry	213 Nantasket Ave	Hull	1903
HUL.36	Bergan, William House	362 Nantasket Ave	Hull	r 1905
HUL.65	Fitzgerald, John F. House	940 Nantasket Ave	Hull	c 1900
HUL.66	Point Allerton Lifesaving Station	1117 Nantasket Ave	Hull	1889
HUL.37		10 Whitehead Ave	Hull	c 1903

ATTACHMENT C:
CORRESPONDENCE

United States Department of the Interior

FISH AND WILDLIFE SERVICE

New England Field Office
70 Commercial Street, Suite 300
Concord, NH 03301-5087
http://www.fws.gov/newengland

January 7, 2014

To Whom It May Concern:

This project was reviewed for the presence of federally listed or proposed, threatened or endangered species or critical habitat per instructions provided on the U.S. Fish and Wildlife Service's New England Field Office website:

http://www.fws.gov/newengland/EndangeredSpec-Consultation.htm

Based on information currently available to us, no federally listed or proposed, threatened or endangered species or critical habitat under the jurisdiction of the U.S. Fish and Wildlife Service are known to occur in the project area(s). Preparation of a Biological Assessment or further consultation with us under section 7 of the Endangered Species Act is not required. No further Endangered Species Act coordination is necessary for a period of one year from the date of this letter, unless additional information on listed or proposed species becomes available.

Thank you for your cooperation. Please contact Maria Tur of this office at 603-223-2541 if we can be of further assistance.

Sincerely yours,

Thomas R. Chapman
Supervisor
New England Field Office