PHASE I ENVIRONMENTAL SITE ASSESSMENT &

HAZARDOUS BUILDING MATERIALS SURVEY

99 Phillips Street
North Kingstown, Rhode Island

August 2013

Prepared For:

99 Phillips Street, LLC
Attention Mr. Stanley Weis
292 Westminster Street
Providence, RI 02903

Prepared By:

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LSE Project Number 13047A10

LAKE SHORE ENVIRONMENTAL

Environmental Assessment, Remediation and Compliance Solutions

August 21, 2013

99 Phillips Street, LLC
Attention Mr. Stanley Weis
292 Westminster Street
Providence, RI 02903

RE: Phase I Environmental Site Assessment & Hazardous Building Material Survey
Property at 99 Phillips Street
North Kingstown, RI 02852
LSE Project No. 13047A10

We are pleased to submit the enclosed report of the Phase I Environmental Site Assessment (ESA) & Hazardous Building Material Survey at the above-referenced site. The assessment was conducted using the Standard Practice E 1527-05 for Environmental Site Assessments by the American Society for Testing and Materials (ASTM, 2005) as general standards for the facility investigation consistent with the scope of investigation of EPA's Final Rule for All Appropriate Inquiry effective November 1, 2006.

The results of our assessment are summarized in the attached report.

Thank you for the opportunity to conduct this work. Please contact the undersigned if we can be of further assistance.

Sincerely,

Lake Shore Environmental, Inc.

David J. Hazebrouck, P.G., LSP, LEP
Principal

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1.0 EXECUTIVE SUMMARY

Lake Shore Environmental, Inc. (LSE) was retained by 99 Phillips Street, LLC to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 99 Phillips Street in North Kingstown, Rhode Island (subject site). As part of this assessment, LSE also conducting a survey of the building's hazardous material components including Lead-based paint (LBP) and asbestos containing materials (ACM).

1.1 Findings, Conclusions and Recommendations

1.1.1 Findings

LSE performed a Phase I ESA of the property at 99 Phillips Street in North Kingstown, RI in conformance with the scope and limitations of ASTM Practice E 1527-05 and the AAI Rule set forth by the EPA on November 1, 2006. Any exceptions to, or deletions from this practice are described in Section 2.1 of this report. Based on the findings of this ESA, we offer the following conclusions:

This assessment has not revealed evidence of any RECs in connection with the subject property or an abutting property.

The LBP inspection results indicate that 44 percent of the building surfaces were found to test positive for lead. Positive detections of lead were identified on interior brick, concrete, metal and wood surfaces. Positive detections of lead were detected on exterior metal and wood surfaces.

Thirty-six suspect asbestos containing materials (ACM) were identified in the building. Laboratory results revealed that vinyl composite tile (VCT) in the southeast basement room, window caulk and TSI insulation in the attic space were found to be positive for asbestos. The window/door caulk analyzed for PCBs was found to be negative.

1.1.2 Conclusions

The subject property is improved with a former three-story school that houses fourteen classrooms and 2,100 square feet of assembly space in the basement area. The original school was constructed circa 1907 and in 1949, an addition was added. The parcel size is 6.06 acres. The property is located on the northerly side of Phillips Street in a village district area.

The results of the government records search conducted for this assessment are provided below. The subject Site was listed as a Registered Underground Storage Tank (UST) site within the State government records provided by EDR. According to the EDR report, the subject Site has a 2,000-gallon No. 2 fuel oil UST in use. However, according to a Mechanical Permit Application 88B1771 dated August 11, 1983 observed in the North Kingstown Building Department, a new 6,000 gallon UST replaced the former tank.

A data gap was identified concerning the status of a former 2,000-gallon UST. According to Jillian Thompson, Sanitary Engineer with the Rhode Island Department of Environmental Management (RIDEM) UST/Leaking UST Management Program, RIDEM's UST

regulations were first promulgated in 1985 and therefore, RIDEM has no records documenting the reported 1983 removal of the former UST at the subject Site. Additional research at the Town of North Kingstown indicated a replacement 6,000-gallon UST was installed but no documentation was on file confirming the removal/closure of the 2,000-gallon UST.

Based on the government records search, no surrounding properties within a 0.25 mile radius of the subject Site with documented releases of oil or hazardous materials (OHM) appear to pose a threat to the environmental integrity of the subject Site.

Based on the Site walkover inspection completed on July 30, 2013, no evidence of spills or releases of oil or hazardous materials was observed or is suspected anywhere on the property. The building is currently heated with oil.

Based on the known historical use of the property as a school, it is unlikely that oil or hazardous materials would have been used, stored or released at the Site.

On the basis of the above observations and findings, LSE did not identify any Recognized Environmental Conditions (RECs) indicating the presence or likely presence of any oil or hazardous materials on the property under conditions that indicate an existing release, a past release, or a material threat of a release of any hazardous contaminants into structures, the ground, groundwater, or surface water on the property.

Property owners and contractors must comply with the Rhode Island Rules and Regulations for Lead Poisoning Prevention. If this school were to be used as a licensed childcare facility housing children less than six years of age, it would be considered a regulated facility. OSHA Regulations do apply to construction work where an employee may be occupationally exposed to lead.

Laboratory results revealed that VCT in the southeast basement room, window caulk and TSI insulation in the attic space were found to be positive for asbestos. Consequently, building renovations affecting these areas should be conducted following a RIDOH-approved asbestos abatement plan to properly abate ACM prior to being disturbed.

No further conclusions are made regarding radon or mold since these issues are beyond the ASTM and AAI standard.

1.2.3 Recommendations

We have the following recommendations for this Site:

1. We suggest that the data gap associated with the former 2,000-gallon UST be addressed. Available records do not provide the necessary documentation to demonstrate that this former UST was properly closed. Consequently, we suggest that a metal detector survey be completed in the vicinity of the current 6,000-gallon UST for evidence or large buried metallic objects. If this survey proves inconclusive, test pits should be advanced in the general vicinity to look for evidence

of an abandoned UST. If found to be abandoned, the 2,000-gallon UST should be closed in accordance with RIDEM's UST Regulations.

The current 6,000-gallon UST has been in use for 30 years which is the approximate design life of a steel UST. If this UST will be utilized as part of planned redevelopment of the Site, we suggest that the tank be tightness tested before being put back into active service. If it is to be removed from service, we suggest it be closed in accordance with RIDEM's UST Regulations.

2. Lead has been detected on numerous painted surfaces in the building. This will be an issue mostly as it pertains to potential worker exposure during construction/renovation. As such, any construction workers involved in the disturbance, renovation, or demolition of any of these materials, needs to comply with OSHA regulations 29 CFR 1926.62 – Lead in Construction. Additionally, analytical testing of renovation/demolition debris may be required to determine the quantity of leachable lead, in order to determine potential disposal sites for the ultimate disposal of any generated wastes.

3. Various limited ACMs were identified in this survey, as summarized in Section 9.2 of this report. LSE and its subcontractors have made an effort to characterize visible and readily accessible suspect ACMs associated with areas likely to be renovated. As such, should construction workers encounter and/or need to disturb any product(s) suspected as being ACM, that may or may not have been previously identified or sampled during any renovation/demolition activities in the future, all proper precautions should be taken to ensure these materials are appropriately characterized and abated in accordance with applicable local, state and federal regulations.

2.0 INTRODUCTION

2.1 Purpose and Scope of Services

Lake Shore Environmental, Inc. (LSE) was retained by 99 Phillips Street, LLC to conduct a Phase I Environmental Site Assessment (ESA) of the property located at 99 Phillips Street in North Kingstown, Rhode Island (subject site).

This Phase I ESA Report complies with the All Appropriate Inquires (AAI) Rule set forth and codified by the United States Environmental Protection Agency on November 1, 2006. This Environmental Assessment was conducted in accordance with the Standard Practice for Environmental Site Assessments (ASTM Practice E 1527-05) developed by the American Society for Testing and Materials (ASTM, 2000). The purpose of this process is to identify Recognized Environmental Conditions (RECs). REC means the presence or likely presence of any contaminants on a property under conditions that indicate an existing release, a past release, or a material threat of a release of any contaminants into structures, the ground, groundwater, or surface water on the property. For the purposes of this Phase I ESA, the

term contaminant means any hazardous substance, hazardous waste, hazardous constituent, petroleum product, pollutant, or words of similar meaning.

It is important to note that there may be other environmental issues or conditions at a property that parties may wish to assess in connection with commercial real estate that are outside the scope of this practice (non-scope considerations). These "additional issues" that are outside the standard ASTM practice may include asbestos containing materials (ACM); hazardous building materials (e.g. mercury switches, PCB-containing electrical devices); radon gas (indoor and soil gas); indoor air quality; wetlands; industrial hygiene; regulatory compliance; ecological resources; high voltage power lines; health and safety; endangered species; cultural and historic resources; lead in drinking water; lead-based paint; biological agents; or mold. Further, unless otherwise specified herein, no soil, surface water or groundwater testing was a part of the scope of work performed as part of this ESA.

Since the subject building will be renovated as part of redevelopment of the Site, the owners elected to identify potential hazardous building materials specifically relating to ACM and LBP. Consequently. LSE arranged for a LBP inspection of the building interior and exterior using and XRF analyzer. The objective of the LBP survey was to determine at what locations and in what concentrations LBP exists; the LBP survey was conducted using HUD guidelines. LSE also arranged for an ACM survey of visible and accessible areas of the building. The objective of the ACM survey was to identify suspect building materials and confirm asbestos content by conducting laboratory bulk analysis of limited selected samples. The ACM survey was conducted by a licensed asbestos inspector in accordance with Rhode Island Department of Health (RIDOH) guidelines.

As specified in the standard, certain responsibilities lie with the "user" of the assessment. The "user" is defined as the party who intends to use the ASTM guidance provided by an environmental professional and is generally the purchaser, owner, lender, property manager, or potential tenant. Under the ASTM standard, it is the responsibility of the "user" to verify whether any environmental liens exist with regard to the subject 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 RECs in connection with the subject property. Information provided in this regard is presented in the Records Review section of this report.

LSE'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 LSE by client representatives and Site contacts has been accepted in good faith and assumed to be accurate. LSE's findings are based on observations and data collected at one point in time; consequently 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 LSE.

It should be understood that a site walkthrough, by nature is limited in its ability to fully assess potential environmental liabilities associated with any real estate transaction. Further investigation would be required to identify potential environmental liabilities, which may be present at the site, but were beyond the scope of this Phase I Environmental Assessment.

State and federal laws and regulations referenced in this report are provided for information purpose and should not be construed as legal opinion or recommendation. Use and distribution of this document is limited to LSE's client and those parties identified for distribution by the client.

2.2 User Reliance

This report is the work product of LSE, which has been produced in accordance with a specific contract between LSE and its Client who is represented by the party to whom this report is addressed.

This report was prepared for the sole use and benefit of the contracting Client. It does not create any rights or benefits to parties other than the Client and LSE except such other rights as are specifically called for herein.

LSE consents to the release of this report to third parties at the discretion of the Client. However, any use of or reliance upon this information by a party other than the Client shall be solely at the risk of such third party and without legal recourse against LSE, its affiliates, associates, employees, officers, or directors, regardless of whether the action for which recovery of the damage is sought is based upon contract, tort (including the sole, concurrent or other negligence and strict liability of LSE), statute or otherwise. This report shall not be used or relied upon by a party which does not agree to be bound by the above statement. This report is valid as of the date shown and LSE shall not be held responsible for subsequent changes in Physical/Chemical/Environmental Site conditions and/or legislation over which LSE has no control.

3.0 SITE DESCRIPTION

3.1 Location and Legal Description

The subject Site is a 6.06-acre site identified on the Town of North Kingstown's Assessors Map as Plat 116, Lot 109 (Figure 2) as recorded in Book 99, Page 117. The property was acquired by the Town of North Kingstown in 1951. Information from the property field card available from the North Kingstown Assessor's Office is attached as Appendix C. A detailed description of the Site as developed during the Site reconnaissance is presented in Section 6.0 below.

3.2 Site and Vicinity General Characteristics

According to Town records, Lot 109 is improved with a three-story, approximate 32,252 square foot, former municipal school including a finished basement. The lot abuts Academy Cove along its northern border and is zoned Public Land.

The subject property is located within the village district of Wickford on the north side of Phillips Street. Abutting properties include Academy Cove, the North Kingstown Library and residential properties to the north, one dentist office to the west, residential vacant land to the east and west, and residential properties to the south.

3.3 Current Use of the Property

The building located on Lot 109 is currently an unoccupied vacant school building.

3.4 Description of Structures, Roads, other Improvements

The original school was constructed circa 1907 and in 1949, an addition was added. The three-story school houses fourteen classrooms and a 2,100 square foot assembly space in the basement area. The assembly space was formally used as the auditorium and as the cafeteria. The playfield and paved play areas are located to the west of the building. Paved parking and driveway areas surround the buildings with parking on the north and east side of the building. The property slopes downhill from the school to the east and the west. The site is also abutted by Boone Street to the west.

The building is of wood frame construction and brick/masonry exterior. The pitched roof is surfaced with tar and gravel and one area of slate. The basement level of the building includes a stage, an auditorium/cafeteria/gym, rest rooms, a kitchen, a closet containing a hot water tank, a maintenance area containing an oil furnace and janitorial supplies, and several classrooms. The second and third floors contained classrooms, rest rooms, administrative offices, teachers' rooms, a nurse's office, storage space and utility closets on each floor. Internal finishes include vinyl tile, hardwood, and concrete flooring, plaster/wood walls and high ceilings.

3.4.1 Heating Source

The building is currently configured with an oil-fired heating system which is maintained at minimal levels to sustain the wet sprinkler system. The subject Site contains a 6,000 gallon underground storage tank (UST) located outside the northern side of the building, an oil fired furnace, and one electric hot water tank. The building does not contain any air conditioning units.

3.4.2 Sanitary Sewer Disposal

According to a June 2012 letter from the North Kingstown Town Engineer to Rhode Island Department of Environmental Management (RIDEM), the subject Site is equipped with two cesspools. The school was closed in 2005 and the cesspools were reportedly pumped out in 2008. All plumbing fixtures have been removed from the building. The cesspools are inactive and permanently closed.

3.4.3 Potable Water Supply

The subject site is serviced by public municipal water; however there is no active potable water service currently available at the school.

3.5 Current Uses of the Adjoining Properties

Adjacent property uses are provided below. Academy Cove abuts the property to the north. The subject Site is located in the village district area.

Location		Description	Direction from Subject Site
116 / 23	100 Boone Street	Commercial – North Kingstown Library	North
116 / 137	15 Cranston Circle	Residential – multi family	Northwest
116 / 62	90 Boone Street	Residential – multi family	Northwest
116 / 65	Boone Street	Residential – vacant land	West
116 / 83	145 Phillips Street	Commercial – dentist	West
117 / 165	61 Phillips Street	Residential – vacant land	East
92 / 45	106 Phillips Street	Residential – single family	South
92 / 43	110 Phillips Street	Residential – single family	South
92 / 42	100 Phillips Street	Residential – single family	South
92 / 41	90 Phillips Street	Commercial – theatre/apartments	South
92 / 40	84 Phillips Street	Residential – multi family	South
92 / 39	76 Phillips Street	Residential – multi family	South
92 / 36	70 Phillips Street	Residential – single family	South
92 / 35	66 Phillips Street	Residential – multi family	South
92 / 209	60 Phillips Street	Residential – single family	South

4.0 USER PROVIDED INFORMATION

An AAI questionnaire pertaining to ownership and potential environmental liens was issued to, and completed by Stanley Weiss, the prospective buyer of the property. A copy of the questionnaire is provided in Appendix A.

4.1 Environmental Liens/Activity and Use Limitations

Based on an interview documented in the attached questionnaire, Mr. Weiss indicated that he was not aware of any environmental liens, environmental land use restrictions (ELURs), or activity/use limitations (AULs) associated with the subject property.

4.2 Specialized Knowledge

Based on responses on the AAI Phase I Questionnaire, Mr. Weiss indicated that he had no specialized knowledge in relationship to the property or nearby properties.

4.3 Valuation Reduction for Environmental Issues

Based on an interview documented in the attached questionnaire, Mr. Weiss indicated affirmatively that the price being paid for this property reasonably reflects the fair market value of the property for a non-contaminated property.

4.4 Commonly Known or Reasonably Ascertainable Information

Based on responses on the AAI Phase I Questionnaire, Mr. Weiss indicated he had knowledge of the past use of the property. The following summarizes Mr. Weiss's responses:

- Mr. Weiss had knowledge of the past uses of the property as educational since 1807 and as farmland prior to that time.
- Mr. Weiss had no knowledge of specific chemicals that are present or once were present on the property.
- Mr. Weiss had no prior knowledge of spills or chemical releases at the property.
- Mr. Weiss had no prior knowledge that the property was developed with a gas station, dry cleaner, machine shop, or industrial facility in the past.
- Mr. Weiss had not been informed of the past existence of hazardous substances or petroleum products with respect to the property.
- Mr. Weiss indicated that the property has an underground storage tank, and formerly had a septic tank on the property.
- Mr. Weiss was not aware of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the property,
- Mr. Weiss did not have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the property,
- Mr. Weiss indicated that the property older portion was constructed about 1907 with an addition added about 1937.
- Mr. Weiss Realty was not aware of any environmental cleanup that had taken place at the property.

4.5 Obviousness of the Likely Presence of Contamination

Based on an interview documented in the attached questionnaire, Mr. Weiss indicated that there are no obvious indicators that point to the presence or likely presence of contamination at the property.

4.6 Reason for Performing Phase I

Based on an interview documented in the attached questionnaire, Mr. Weiss indicated that the reason for performing this Phase I ESA was to conduct due diligence for the sale of the real estate.

4.7 Owner, Property Manager, and Occupant Information

Based on an interview documented in the attached questionnaire, Mr. Weiss indicated that the current owner was the Town of North Kingstown which has owned the property since about 1935.

4.8 Title Records

Based on an interview documented in the attached questionnaire, Mr. Weiss indicated that a title search for the property has been extensively completed.

5.0 RECORDS REVIEW

5.1 Standard Environmental Record Sources (Regulatory Database Research)

FEDERAL, STATE, AND LOCAL FILE REVIEW

Selected Federal and State environmental databases were reviewed using information provided by Environmental Data Resources Inc. (EDR) to assist in site assessment research. A copy of the EDR report is provided as Appendix B.

Database	Radius	No. Facilities Identified
Federal Records		
National Priority List Sites	¼ mile	0
CERCLIS and CERLIS NFRAP Listings	¼ mile	0
RCRA CORRACTS Facilities	¼ mile	0
RCRA non-CORRACTS TSD Facilities	¼ mile	0
RCRA Generator	Site & adjacent	1
ERNS Sites	Site only	0
FINDS	Site only	0
State Records		
State/Tribal listed Sites	½ mile	2
Registered Underground Storage Tanks	Site & adjacent	1
Leaking Underground Storage Tanks	½ mile	7
Solid Waste Facilities and Landfills	¼ mile	0
Spill Sites	¼ mile	1
State/Tribal Brownfields	¼ mile	0

The subject Site was listed in the State UST Records within the Environmental Data Resources Inc. (EDR) database report. The results of the government records search conducted for this assessment are provided below.

Wickford Elementary School
99 Phillips Street
North Kingstown
UST #2444

According to the EDR report, the subject Site is equipped with a registered 2,000 gallon No. 2 fuel oil UST that is in use. However, according to Mechanical Permit Application No. 88B1771 dated August 11, 1983 that LSE observed in the North Kingstown Building

Department, the capacity of the new UST is actually 6,000 gallons. This 6,000-gallon UST reportedly replaced the former 2,000-gallon capacity UST in 1983. According to Jillian Thompson, Sanitary Engineer with RIDEM's UST/Leaking UST Program, the RI UST regulations were first promulgated in 1985 and therefore, RIDEM has no records documenting the former 2,000-gallon UST at the subject Site.

Additional research/interviews occurred with various Town of North Kingstown officials about the former 2,000-gallon UST (Debra Eichholz, Engineering Inspector; Kim Wiegand, Town Engineer; Steve Tremblay, School Department; and Kim Jones, Program Coordinator, Public Works). According to Ms. Jones, documentation exists on file indicating that the UST was replaced but no records exist to confirm it was removed.

5.2 RIDEM File Review

Based on the findings of the environmental database search and due to the proximity of the listed sites with respect to the subject Site, there were no file reviews required of RIDEM's Waste Management files. A United States Geological Survey (USGS) topographic map of the subject Site shows an elevation of approximately 20-feet above mean sea level.

5.2.1 Adjacent Listed Sites

There were two adjacent properties listed by EDR included on the Registered UST or the RCRA Generator (RCRA) databases. These properties are typically not associated with a release of oil or hazardous materials.

Site/Address	ID	Distance/ Direction	Elevation	Status	Site Information/ Comments
Calvin J. Pierce, DMD 145 Phillips Street North Kingstown	RID987492865	.08 SW	6	Active	Down Gradient Not considered to be a REC
North Kingstown Freetown Library 100 Boone Street North Kingstown	UST-932	.16 NW	23	Perm Closed	10,000 gallon No. 2 heating oil permanently closed Up Gradient Not considered to be a REC

5.2.2 State/Tribal Listed Sites within 0.50- Mile

There were two State sites listed by EDR within a 0.50-mile radius of the subject Site. There were no sites within 0.25 mile radius of the subject Site with documented releases of OHM.

5.2.3 Leaking UST Listed Sites within 0.50-Mile

Seven Leaking UST sites were listed by EDR within a 0.50-mile radius of the subject Site. The table below lists only those sites within 0.25 mile radius of the subject Site with documented releases of OHM and the associated response actions that mitigated or eliminated contamination.

Site/Address	ID	Distance/ Direction	Elevation	Status	Site Information/ Comments
Fleet Bank 30 Phillips Street North Kingstown	2348A-ST 2348-ST	.12 SE	7	SRO Inactive	Project Date: 10/19/04 Project Date: 8/9/02 UST #1392 Down Gradient Not considered to be a REC
North Kingstown Freetown Library 100 Boone Street North Kingstown	2312-LS	.16 NW	23	SRO	Project Date: 11/21/91 UST #932 Up Gradient Not considered to be a REC
Brooks Pharmacy 63 Brown Street North Kingstown	2346-ST	.22 NE	6	SRO	Project Date: 4/4/02 UST #19026 Down Gradient Not considered to be a REC
Mobile Service Station 43 West Main Road North Kingstown	2334-LS 2334A-LS	.25 NW	6	Active SRO	Project Date: 11/22/05 Project Date: 9/24/96 UST #11524 Down Gradient Not considered to be a REC

SRO= Soil Removal Only (Groundwater not impacted)
Inactive: Site has been assigned no-further-action status by RIDEM

5.2.4 Spill Sites Located Within 0.25-mile of Subject Site

There was one Spill site listed by EDR within a 0.25-mile radius of the subject Site.

Site/Address	ID	Distance/ Direction	Elevation	Incident	Site Information/ Comments
103 West Main Street North Kingstown	96-130	.23 NW	16	Spill of 20 gallons of kerosene	Project Date: 4/4/96 Down Gradient Not considered to be a REC

5.3 Local File Review and Interviews with State and/or Local Government Officials

5.3.1 Fire Department

According to North Kingstown Fire Marshall, Gordon Walsh, there are no records of hazardous material releases for the subject Site. An additional phone call to Fire Marshall Gordon Walsh also indicated that the Department has no UST records pertaining to the subject Site.

5.3.2 Board of Health/Health Department

Personnel at the Rhode Island Department of Health were contacted regarding their knowledge of environmental incidents or concerns at the subject site and surrounding sites. No environmental concerns were identified for the subject site or adjacent sites.

5.4 Physical Setting of Site

5.4.1 Regional Geology

The regional topography shown on the USGS topographic map (2012) for the Wickford Quadrangle generally shows the land surface in the vicinity of the Site with a slight slope to the southwest. Based on the regional topography, groundwater is inferred to flow to the south where it presumably discharges to Wickford Cove and then travels to Narragansett Bay.

Surficial soils at the subject site are mapped as Merrimac Sandy Loam (MmA). This nearly level, somewhat excessively drained soil is on outwash plains and terraces. Areas are irregular in shape and mostly range from 2 to 400 acres. Included with this soil in mapping are small areas of excessively drained Windsor and Hinckley soils, well drained Agawam soils, and moderately well drained Ninigret and Sudbury soils.

The surficial geology within the Site area has been mapped by the USGS as a mix of outwash (deposit of sand and gravel carried by running water from the melting ice of a glacier and laid down in stratified deposits) and till (unsorted glacial sediment).

Bedrock beneath the subject Site consists of stratified rocks of the Esmond-Dedham Subterranean of the Narragansett Bay Group of the East Bay area of the Rhode Island Formation. In southern Rhode Island this formation consists of meta-sandstone, meta-conglomerate, schist, carbonaceous schist, and graphite. Plant fossils are common. (USGS. 1994).

5.4.2 Hydrogeology

The quality of groundwater beneath the subject Site is classified by the Rhode Island Department of Environmental Management (RIDEM) as GA. Groundwater classified GA are those groundwater sources which are known or presumed to be of drinking water quality but are not assigned GAA. (RIDEM, 1996). Review of the RIDEM Wellhead Protection Area Map indicates that the Site is located within 0.50-miles of a community designated wellhead protection area of a well that is located to the west.

5.4.3 Hydrology

One surface water body abuts Subject site. The nearest surface water body is the Academy Cove which is connected to Narragansett Bay. Academy Cove is classified by RI DEM as Class SB sea water.

Class SB seawaters are designated for primary and secondary contact recreational activities; shellfish harvesting for controlled relay and depuration; and fish and wildlife habitat. They shall be suitable or aquacultural uses, navigation, and industrial cooling. These waters shall have good aesthetic value.

The site is shown in the October 19, 2010 FEMA Flood Insurance Rate Map for the Washington County as being in the Other Flood Area Zone X. This area is characterized as areas of 0.2% annual chance of flood, areas of 1% annual chance flood with average depths of less than one foot or with drainage areas less than one square mile; and areas protected by levees from 1% annual chance flood.

5.5 Historical Use Information of the Property and Adjoining Properties

5.5.1 Historical Topographic Maps

A historic United States Geological Survey (USGS) topographic map of the Wickford 7.5-Minute Quadrangle (1944) was reviewed for this ESA. This map shows that the subject site was develop with the school building. Also the area in the vicinity of the subject Site was developed with buildings and residential dwellings. The USGS map shows the elevation (approximately 20-feet above mean sea level) and local topography for the site (Figure 5).

The regional topography depicted on the USGS historic topographic map (1944) for the Wickford Quadrangle generally indicates that the land surface in the vicinity of the Site slopes slightly to the southwest toward Wickford Cove.

5.5.2 Sanborn Fire Insurance Map

Digital Sanborn Fire Insurance Maps (Sanborn Maps) for the Town of North Kingstown were available from the Library of Congress collection for the years 1910, 1923, 1941, and 1960. The Sanborn Maps are presented in Appendix C.

- In the 1910 through 1923 Sanborn Maps, a smaller square shaped two-story building was identified as North Kingstown High School with a notation that it was constructed in 1907.

- The 1941 Sanborn Maps identify the same building as the North Kingstown Grammar School.

- In the 1960 Sanborn Map, an addition has been added on to the building in 1949 creating a rectangular shaped structure identified as the North Kingstown Grammar School

5.5.3 Title/Building Records

The chain of title cards were reviewed on line at the North Kingstown Tax Assessors Office. Deed records date back to 1800.

Current and Previous Owners Plat 116 Lot 109	Book/Page	Date of Transfer
Town of North Kingstown	99/117	11/8/1951
Trustees of the Washington Academy	16-B/52	9/17/1800
John & Hannah Franklin and Nicholas & Anna Spink	unknown	unknown

Land evidence records at the North Kingstown Clerk's Office were reviewed for evidence of recorded deed restrictions, environmental liens, or environmental land use restrictions. A lease executed by the Trustees of the Washington Academy to School District No. 4 of North Kingstown was recorded in book 31 and page 475 and was dated August 28, 1848.

Building records at the North Kingstown Building Department were reviewed on July 24, 2013 regarding past conditions at the Site. Improvements on file at the North Kingstown Building Department include:

Permit #	Date	Work to be Done	Owner
M09-0060	1/21/09	Replace leaking boiler with new cast iron boiler	Town of North Kingstown
B97-6754	11/17/97	Repair structural failure of exterior wall, remove mason and rebuild	Town of North Kingstown
M96-5136	8/2/96	Reinstall one 100 gallon propane tank. Replace existing ½" copper gas line with black iron schedule to range in teachers room	Town of North Kingstown
B92-509	7/10/92	Erect walls to divide one classroom into two office areas and one lobby	Town of North Kingstown
B90-6536	3/21/90	Mount to wall 24 x 18 sound cabinet, replace sound system	Town of North Kingstown
B89-6262	9/1/89	Replace windows	Town of North Kingstown
M88-1771	8/11/83	Renovation of heating system; new 6,000 gallon oil tank and new oil burner	Town of North Kingstown
B78-79A	11/14/78	Sign to be erected made of wood	

5.5.4 Aerial Photograph Research

Available historic aerial photographs for the subject property and vicinity were obtained from Bing Maps for 2013 (Figure 4) and the Rhode Island Geographic Information System Data (RIGIS) http://www.edc.uri.edu/rigis/ (Figure 6). Historical aerial photographs were reviewed from 1939 through 1992.

- The 1939 raster image shows the subject building as a smaller square shaped structure consistent with the Sanborn map images identifying the Site as the North Kingstown High School.
- The 1951 raster image shows the building with the addition that was added in 1949.
- The 1962 through 1992 raster images show the building in its current configuration.

5.5.5 Previous Environmental Reports

Based on information provided by the current owner, there are no known previous environmental reports for the subject Site.

5.5.6 Summary of Historical Information

Based on research completed at the North Kingstown Town Hall, a review of historical aerial photographs and maps, Sanborn Maps, a site visit, and discussions with the current

property representative and local officials, the following summary of historical information is offered:

According to historic sources, the subject Site was the developed as the Washington Academy in 1800 when the trustees of the academy purchased the land from the Franklin and Spink's families as evidenced in Deed Book 16-B and Page 52. The purpose of the school was to train young men as educators. A lease observed in the deed books indicated that the Washington Academy began leasing the school to the Town of North Kingstown in 1848. Based on an 1888 O.H. Bailey & Company map of Wickford Village, the subject Site is identified as Wickford Academy and is improved with a two-story building and with a campanile at the top. The Sanborn maps indicate that a new building was constructed in 1907 with an addition put on in 1949. The School Department closed the school in 2005.

6.0 SITE RECONNAISSANCE

The site reconnaissance was conducted by LSE on July 30, 2013. During the Site visit, the property and building were inspected for indicators of a release or threat of release of oil or hazardous materials. A Site plan showing pertinent features is provided as Figure 3. Photographs taken during the site inspection are presented in Appendix D.

6.1 Interior and Exterior – General Observations

The building and property are currently configured as a former school building. The Site has a paved parking area and areas of natural landscaping and a body of water surrounding the property.

6.1.1 Storage of Hazardous Substances and/or Petroleum Products

The subject Site is equipped with a registered No. 2 fuel oil UST. The UST is in use and is located on the northern side of the building beneath a paved area. No other oil or hazardous materials were observed on the premises.

6.1.2 Storage Tanks

Fuel oil for the building's heating system is stored in a UST located on the northern side of the building. The oil-fired furnace is located in the basement.

6.1.3 Odors

LSE personnel did not detect any particular odors within the buildings.

6.1.4 Pools of Liquid

No pools of liquid were observed by LSE anywhere on the property.

6.1.5 Drums

No drums were observed anywhere on the property.

6.1.6 Unidentified Substance Containers

No unidentified containers were observed anywhere on the property.

6.1.7 Polychlorinated Biphenyls & Hazardous Building Materials

No pole-mounted transformers or pad-mounted transformers were observed on the property that could contain polychlorinated biphenyls or hazardous building materials.

Based on the age of the buildings (pre-1979), asbestos containing material (ACM), lead-based paint or other hazardous building materials could be present in the various building components. A description of hazardous building material surveys completed as part of this ESA is provided in Section 9.0 if this ESA report.

6.2 Interior Areas

6.2.1 Heating/Cooling Systems

The building is heated by No. 2 fuel oil. There is no air conditioning.

6.2.2 Stains or Corrosion

No significant staining or corrosion was observed anywhere in the building.

6.2.3 Drains and Sumps

There were no floor drains or sump pumps observed in the building.

6.3 Exterior Areas

6.3.1 Pits, Ponds, or Lagoons

No pits, ponds or lagoons used for wastewater or stormwater disposal were observed in exterior areas of the property.

6.3.2 Stained Soil/ Pavement or Stressed Vegetation

There was no staining of soil or pavement observed by LSE. No stressed vegetation was observed on the property.

6.3.3 Solid Waste

No evidence of buried solid waste was observed anywhere on the Site.

6.3.4 Waste Water Disposal Structures

There are no waste water disposal systems associated with the subject Site. An on-site cesspool system formerly served the building on the Site. The building is currently not served by a sanitary wastewater disposal system.

6.3.5 Wells

No irrigation wells, injection wells, abandoned wells, or other wells were observed.

6.3.6 Septic Systems

According to a June 2012 letter from the North Kingstown Town Engineer to RIDEM, the subject Site has two cesspools. The school was closed in 2005 and the cesspools were pumped out in 2008. All plumbing fixtures have been removed. The cesspools are inactive and permanently closed.

7.0 INTERVIEWS

7.1 Interviews with Past and Present Owners and Occupants

An interview with the prospective purchaser, Mr. Stanley Weiss was conducted via the attached AAI Questionnaire. An interview with Mr. Jay Litman and Mr. Michael van Hamel, of Litman Architecture concerning the history of the subject Site was conducted on July 30, 2013. Discussions occurred with Ms. Debra Eichholz, the Town's Engineering Inspector. Other brief interviews were conducted with municipal contacts. The previous owner was not contacted as he is deceased. Information obtained through interviews is discussed throughout this report.

8.0 DEVIATIONS

This report adhered to ASTM Standard E-1527-05 and did not deviate from the standard.

9.0 HAZARDOUS BUILDING MATERIAL SURVEY

9.1 Lead-Based Paint Survey

An inspection of lead-based paint (LBP) surfaces was conducted **on July 31, 2013** by **Brenda Eastman, a Rhode Island-licensed lead inspector, under contract to LSE. 65 interior and exterior building surfaces (multiple tests per surface) were tested in the field using a portable X-Ray fluorescence analyzer. A description of the building surfaces tested and a floor plan showing tested areas are included in the full LBP Inspection Report in Appendix F.**

Building component surfaces selected for XRF testing were based on accessibility and paint condition with areas of loose or peeling paint given priority. LBP inspection results indicate that 44 percent of the surfaces were found to test positive for lead. Positive detections of

lead were identified on interior brick, concrete, metal and wood surfaces. Positive detections of lead were detected on exterior metal and wood surfaces.

According to Rhode Island Regulations, any reading 1.0 milligrams per square centimeter (mg/cm^2) and higher is considered positive for LBP. The Rhode Island Department of Health enforces the Federal Renovation, Repair, and Painting Rule regarding lead hazard control activities. Property owners and contractors must comply with the Rhode Island Rules and Regulations for Lead Poisoning Prevention. If this school were to be used as a licensed childcare facility housing children less than six years of age, it would be considered a regulated facility. OSHA Regulations do apply to construction work where an employee may be occupationally exposed to lead.

9.2 Asbestos Containing Material Survey

An inspection of visible and accessible building materials suspected of containing asbestos was completed by Brian Piccolo (a RIDOH-certified asbestos inspector {No. AAC-0657 IS}) of Alternative Technologies, LLC on August 3, 2013 under contract to LSE. The limited non-destructive survey included sampling of suspected ACM and the limited sampling of window/door caulk for polychlorinated biphenyls (PCBs). Thirty-six suspect ACM were identified which included vinyl composite floor tile (VCT) and associated mastic, carpet mastics, various flooring and floor paper, cove base molding/mastic, ceiling tile, various plasters, sheetrock backing/joint compound, window/door caulk, roof sealants, and thermal insulation. Samples were submitted to and analyzed by Proscience Analytical Services, Inc.

Laboratory results revealed that VCT in the southeast basement room, window caulk and TSI insulation in the attic space were found to be positive for asbestos. Consequently, building renovations affecting these areas should be conducted following a RIDOH-approved asbestos abatement plan to properly abate ACM prior to being disturbed. Additional recommendations including confirmation testing of the black sealant associated with the copper gutters is contained within the Limited Hazardous Materials Report included in Appendix G. The window/door caulk analyzed for PCBs was found to be negative.

10.0 REFERENCES

Reference Documents/Regulations:

American Society for Testing and Materials, 2005, Standard Practice for Environmental Site Assessments; Phase I Environmental Site Assessment Process: ASTM Practice E 1527-05.

Comprehensive Environmental Response, Compensation and Liability Act of 1980 (CERCLA) as amended by Superfund Amendments and Reauthorization Act of 1986 (SARA) and Small Business Liability Relief and Brownfields Revitalization Act of 2002, 42 U.S.C. §§9601 *et seq.*

All Appropriate Inquiry Final Rule, 40 C.F.R. Part 312

Final Report for the Lead-Based Paint Testing at the Wickford Elementary School, Environmental Lead Detection, July 31, 2013.

Limited Hazardous Building Materials Survey – Former School Building, Alternative Technologies, LLC, August 23, 2013.

Records Review:

Title Reviews

Title records and Land Evidence Deed books reviewed, Plat Maps obtained with the North Kingstown Assessor's Office and Town Clerk on July 30, 2013

Online property tax records to include: Vision Appraisal; http://www.visionappraisal.com/, Appraisal Resources Revaluation Group, LLC; http://www.appraisalresource.com/, Certified Revaluation Company; http://www.crcpropertyinfo.com/.

Environmental Database

Environmental Data Resources Inc. database report of all Federal, State and local agency sites.

RIDEM Waste Management Offices/ 235 Promenade Street, Providence, RI 02908

Physical Setting Sources

United States Geological Survey, 7.5-Minute Series Topographic Map; United States Department of the Interior, U.S. Geological Survey; http://msrmaps.com/Default.aspx

United States Geological Survey, (Wickford Quadrangle), Bedrock Geologic Map; United States Department of the Interior, U.S. Geological Survey; Scale 1:24,000.

Hermes, O.D., L.P. Gromet and D.P. Murray, 1994, *Bedrock Geological Map of Rhode Island*: RI Map Series No.1, Pub. by Office of the Rhode Island State Geologist.

United States Department of Agriculture Natural Resources Conservation Service in cooperation with 'Soil Survey of Rhode Island'

R I Department of Environmental Management: Environmental Resource Map for Bedrock Geology, Surficial Geology and Soil mapping; http://www.dem.ri.gov/maps/index.htm

R I Department of Environmental Management: RIDEM Groundwater Classification and Wellhead Protection Map; http://www.dem.ri.gov/maps/index.htm

Google Earth Mapping locations for aerial mapping

Bing Mapping for aerial mapping: http://www.bing.com/maps/

FEMA Map Service Center: http://msc.fema.gov/

Historical Use Sources

UNH Library, Government Information Department, Historic USGS Maps of New England and New York; http://docs.unh.edu/nhtopos/nhtopos.htm

Rhode Island Geographic Information System, Imagery and Base Maps, Non-georeferenced Aerial Photography; http://www.edc.uri.edu/rigis/data/imageryBaseMapsEarthCover.html

Sanborn Fire Insurance Maps

Building Department records with the North Kingstown Building Department on July 30, 2013

Interviews/Communications:

Mr. Jay Litman, Litman Architecture
Mr. Michael van Hamel, Litman Architecture
Ms. Brenda Eastman, Certified Lead Inspector
Mr. Stanley Weiss, Prospective Purchaser
Ms. Debra Eichholz, North Kingstown Engineering Inspector
Ms. Kim Wiegand, North Kingstown Town Engineer
Mr. Steve Tremblay, North Kingstown School Department
Ms. Kim Jones, North Kingstown Public Works
Mr. Gordon Walsh, North Kingstown Fire Marshall

11.0 LIMITATIONS AND EXCEPTIONS

All work product and reports provided in connection with the performance of Environmental Site Assessments are subject to the following limitations.

1. The observations described in this Report were made under the conditions stated therein. The conclusions presented in the Report were based solely upon the services described therein, and not on scientific tasks or procedures beyond the scope of described services.

2. In preparing this report, LSE, Inc. has relied on certain information provided by state and local officials and information and representations made by other parties referenced therein, and on information contained in the files of state and/or local agencies made available to LSE, Inc. at the time of the site assessment. To the extent that such files are missing, incomplete or not provided to LSE, Inc., LSE, Inc. is not responsible. Although there may have been some degree of overlap in the information provided by these various sources, LSE, Inc. did not attempt to independently verify the accuracy or completeness of all information reviewed or received during the course of this site assessment.

3. The purpose of this Report was to assess the physical characteristics of the subject site with respect to the presence in the environment of hazardous substances, waste or petroleum and chemical products and wastes as defined in the State of Rhode Island Rules and Regulations for the Investigation and Remediation of Hazardous Material Releases. Unless otherwise noted, no specific attempt was made to check the compliance of present or past owners or operators of the subject site with Federal, State, or local laws and regulations, environmental or otherwise.

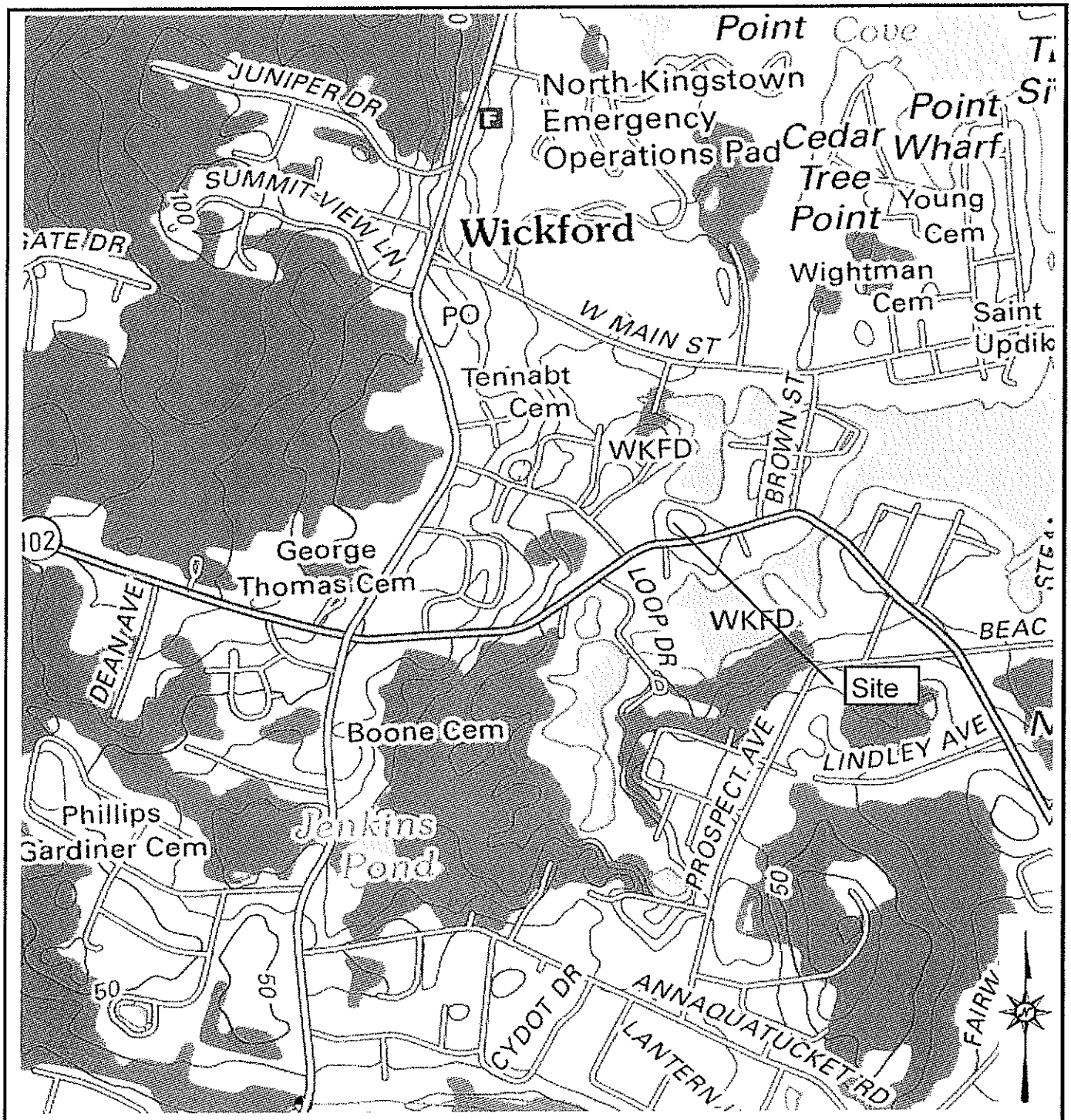
4. If water level readings have been made in observation wells, these observations were made at the times and under the conditions stated in the Report. However, it must be noted that fluctuations in the level of ground water may occur due to variations in rainfall, passage of time and other factors. Should additional data become available in the future, these data should be reviewed by LSE, Inc., and the conclusions and recommendations presented herein modified accordingly.

5. Except as noted within the text of the Report, no quantitative laboratory testing was performed as part of the site assessment. Where such analyses have been conducted by an outside laboratory, LSE, Inc. has relied upon the data provided, and has not conducted an independent evaluation of the reliability of these tests.

6. If the conclusions and recommendations contained in this report are based, in part, upon various types of chemical data, then the conclusions and recommendations are contingent upon the validity of such data. These data (if obtained) have been reviewed and interpretations made in the Report. If indicated within the Report, some of these data may be preliminary "screening" level data and should be confirmed with quantitative analyses if more specific information is necessary. Moreover, it should be noted that variations in the types and concentrations of contaminants and variations in their flow paths may occur due to seasonal water table fluctuations, past disposal practices, the passage of time and other factors.

Should additional chemical data become available in the future, these data should be reviewed by LSE, Inc. and the conclusions and recommendations presented herein modified accordingly.

7. Chemical analyses may have been performed for specific parameters during the course of this site assessment, as described in the Report. However, it should be noted that additional chemical constituents not searched for during the current study may be present in soil and/or ground water at the subject site.

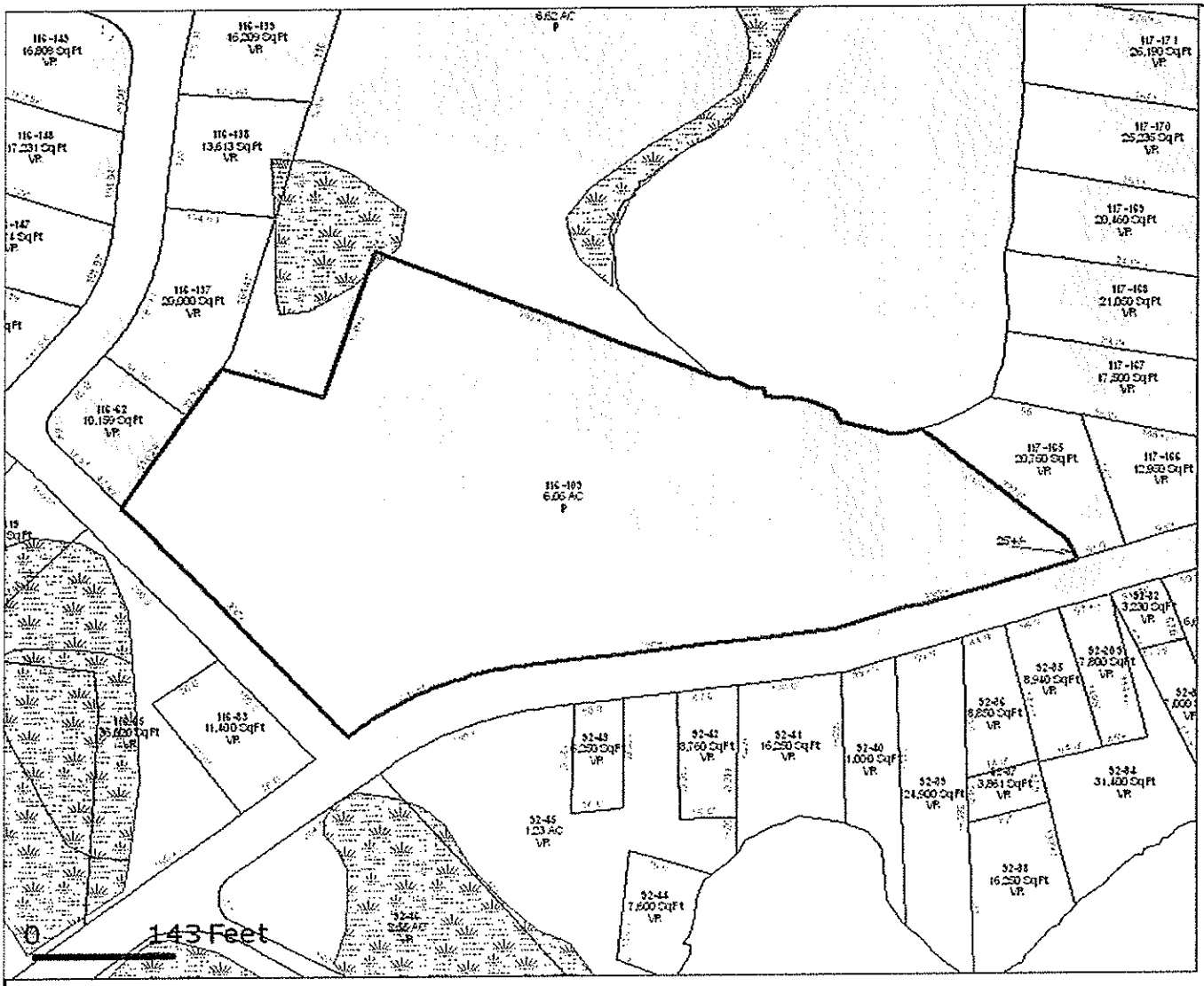


LAKE SHORE ENVIRONMENTAL

QUADRANGLE LOCATION

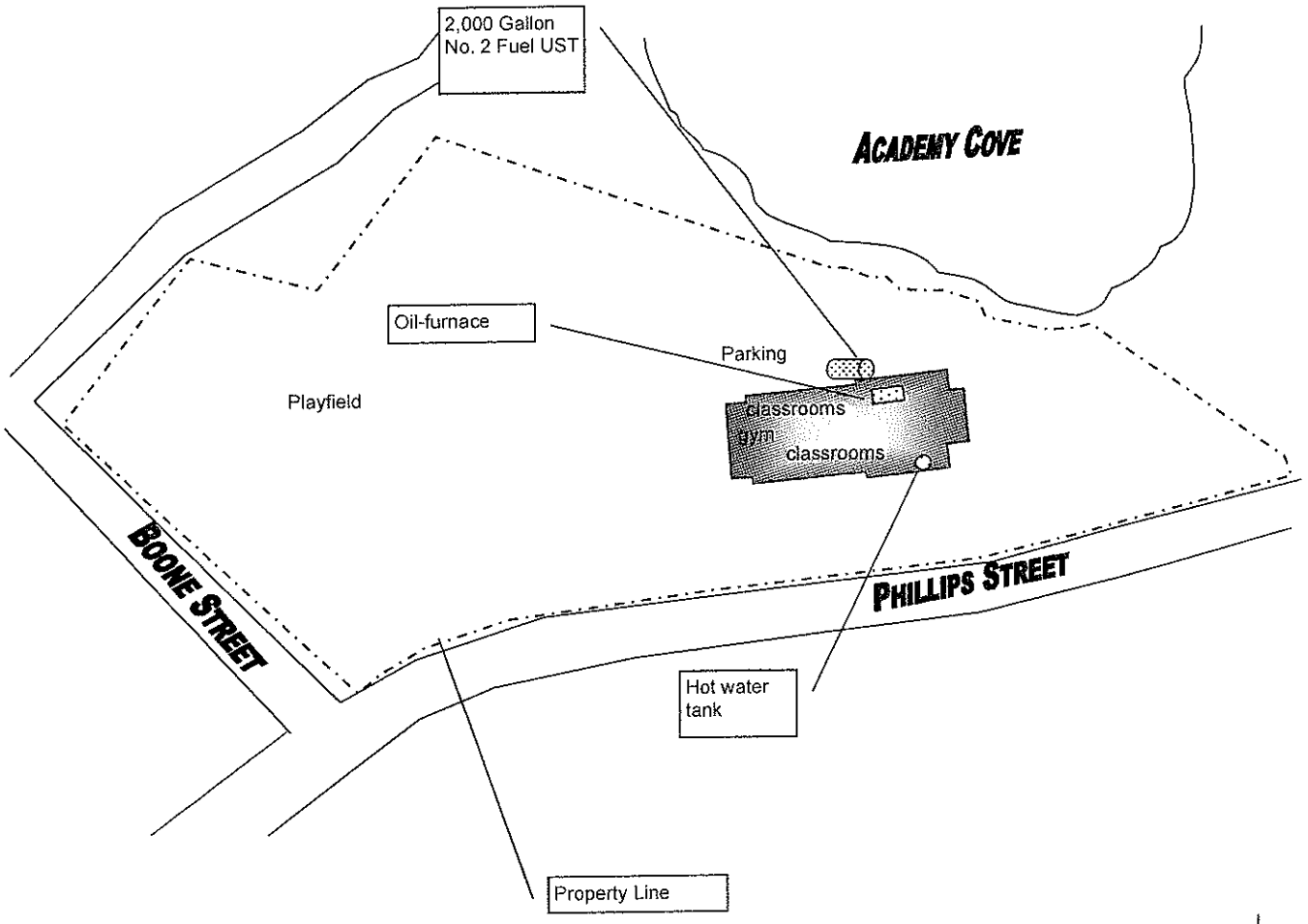
Figure No.	1
Drawing Title:	Topographic / Locus Map 99 Philips Street North Kingstown, RI
Date Prepared: 7/16/13	*Prepared By:* DJS
Approxomate Scale:	NTS
LSE Proj. No. 13047A10	

Source: Map taken from USGS 7.5 minute topographic Wickford Quad

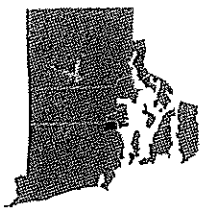


LAKE SHORE ENVIRONMENTAL	 QUADRANGLE LOCATION	*Figure No.* **2** *Drawing Title:* Plat Map 99 Phillips Street North Kingstown, RI Plat 116 Lot 109 *Date Prepared:* 7/31/13 | *Prepared By:* DJS *Approxomate Scale:* NTS *LSE Proj. No.* 13047A10 — Lot Lines

Source: Map Dimensions taken from North Kingstown GIS



LAKE SHORE ENVIRONMENTAL



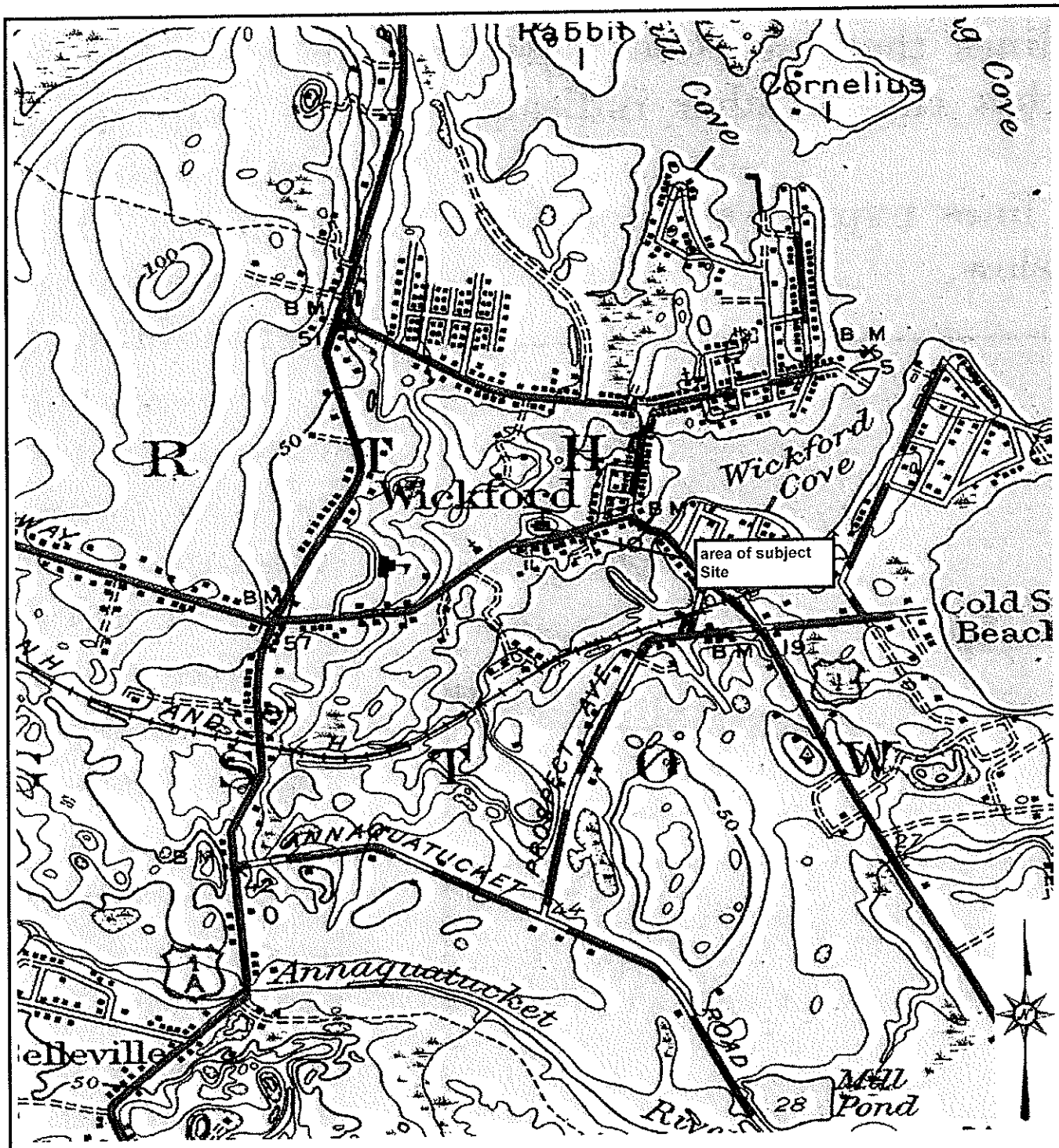
QUADRANGLE LOCATION

Figure No.	3
Drawing Title:	Site Plan 99 Phillips Street North Kingstown, RI
Date Prepared: 7/16/13	*Prepared By:* DJS
Approxomate Scale:	NTS
LSE Proj. No. 13047A10	

Source: Map taken from Google Earth image of North Kingstown

LAKE SHORE ENVIRONMENTAL	QUADRANGLE LOCATION	*Figure No.* 4 *Drawing Title:* Aerial Photo 99 Phillips Street North Kingstown, RI *Date Prepared:* 7/18/13 *Prepared By:* DJS *Approxomate Scale:* NTS *LSE Proj. No.* 13047A10

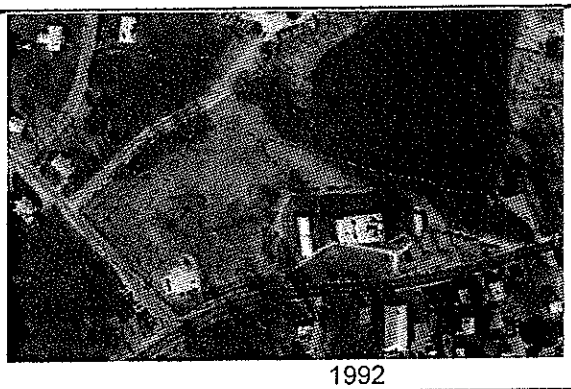
Source: Map Demensions taken from Bing Maps of North Kingstown, RI (2013)



LAKE SHORE ENVIRONMENTAL	QUADRANGLE LOCATION

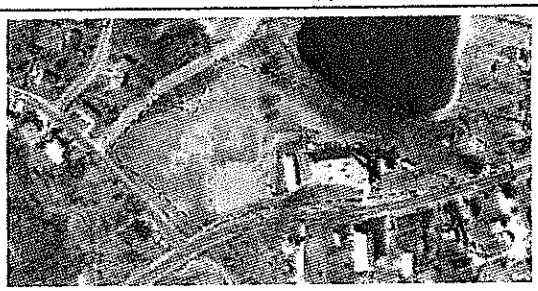
Figure No.	5
Drawing Title:	Historic Topographic Map 99 Phillips Street North Kingstown, RI 1944
Date Prepared: 7/16/13	*Prepared By:* DJS
Approxomate Scale:	NTS
LSE Proj. No. 13047A10	

Source: Map Dimensions taken from Historic Maps of New England, Wickford Southwest Corner. http://docs.unh.edu



1992

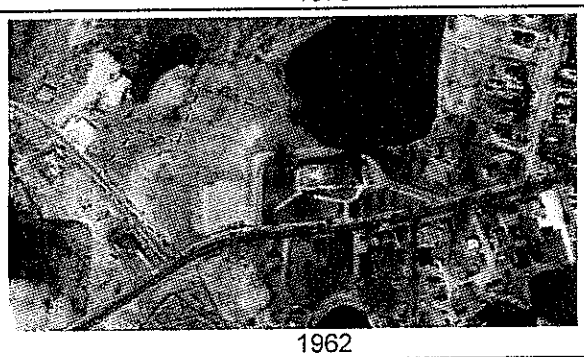
1988



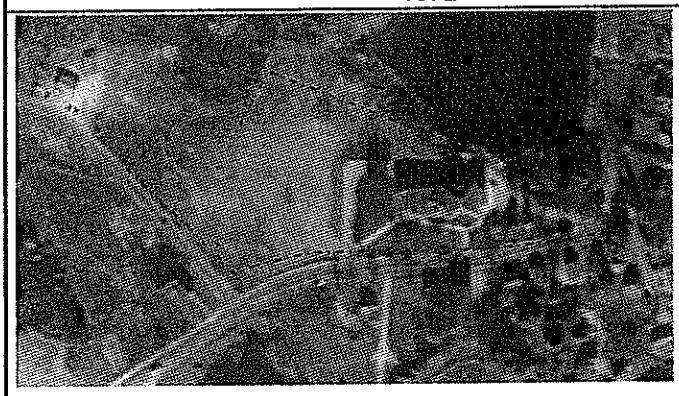
1981

1976

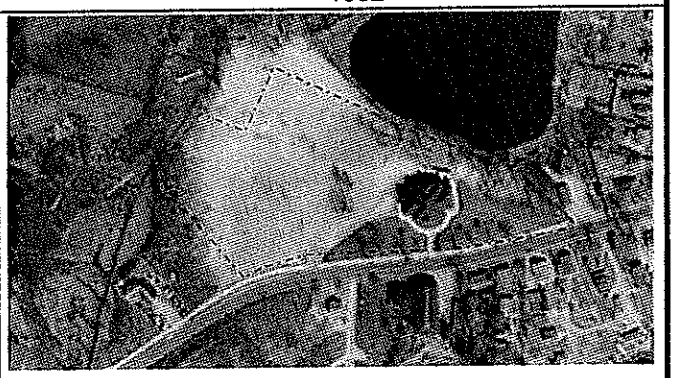
1972



1962



1951



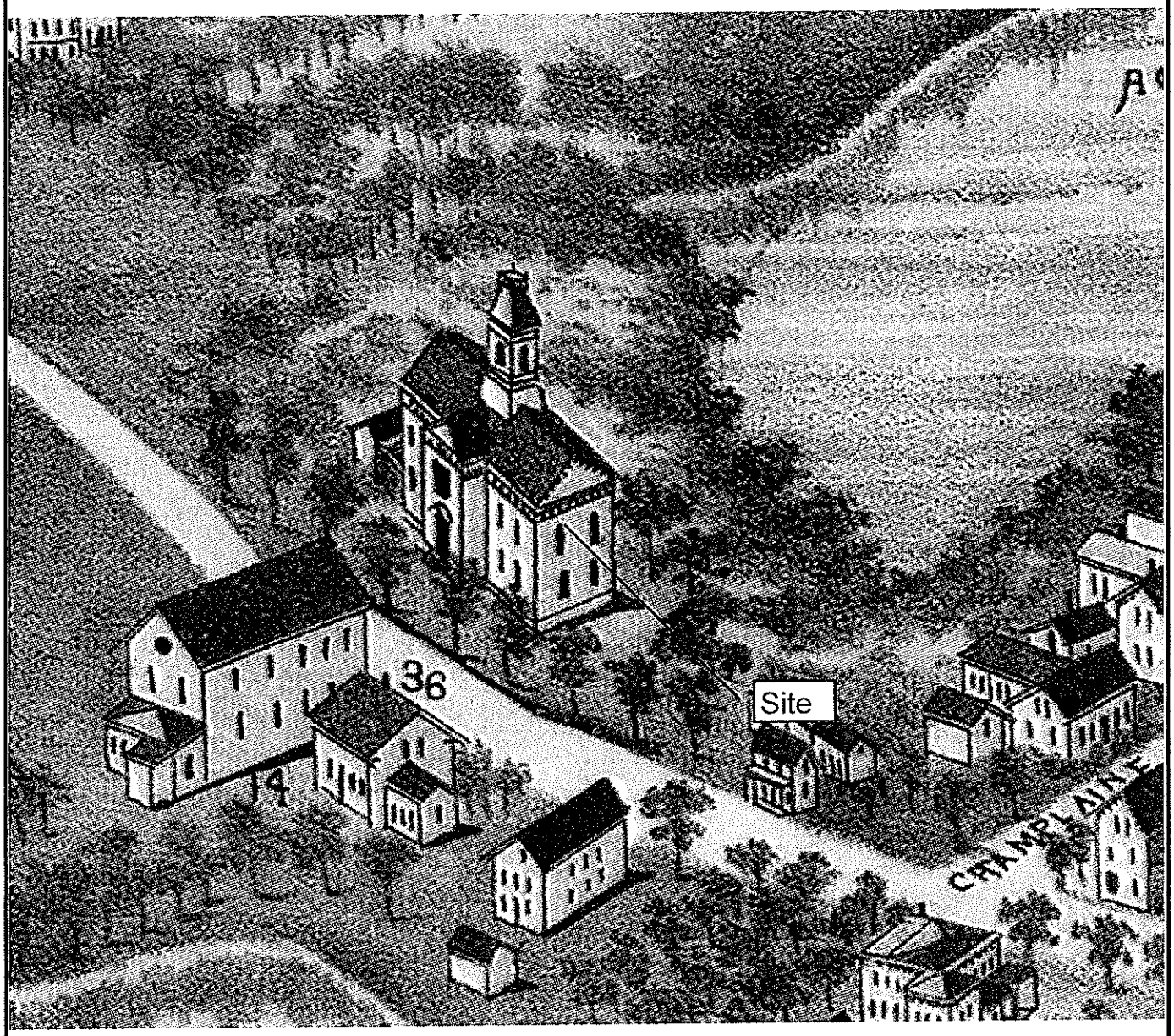
1939

LAKE SHORE ENVIRONMENTAL

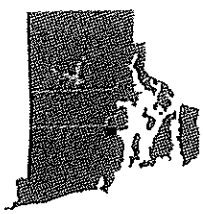
QUADRANGLE LOCATION

Figure No.	**6**
Drawing Title:	Raster Images 99 Phillips Street North Kingstown, RI
Date Prepared: 7/16/13	*Prepared By:* DJS
Approxomate Scale:	NTS
LSE Proj. No. 13047A10	

Source: Map Dimensions taken from RIGIS http://docs.unh.edu



LAKE SHORE ENVIRONMENTAL



QUADRANGLE LOCATION

Figure No.	7
Drawing Title:	Wickford Academy 99 Phillips Street North Kingstown, RI 1888
Date Prepared: 7/16/13	*Prepared By:* DJS
Approxomate Scale:	NTS
LSE Proj. No. 13047A10	

Source: Map taken from the Norman B. Leventhol Map Center http://maps.bpl.org

APPENDIX A

AAI QUESTIONAIRE

ASTM E 1527-05
AAI Phase I Questionnaire

Note: In order to qualify for one of the Landowner Liability Protections (LLPs) offered by the Small Business Liability Relief and Brownfields Revitalization Act of 2001, the "User" of this environmental assessment must provide the information requested in the All Appropriate Inquiry (AAI) questionnaire to the Environmental Professional. Failure to provide this information could result in a determination that requirements pertaining to All Appropriate Inquiry have not been met (ASTM E 1527-05, 2005).

Property Address: 99 Phillips Street, North Kingstown, RI, 02852
LSE Job Number: 13047A10

The following questionnaire is required by the new ASTM Standard E-1527-05 which adheres to the new All Appropriate Inquires Rule, written into law on November 1, 2005 by the United States Environmental Protection Agency.

If you answer yes to any of the questions, and need additional space to explain, please use additional paper and reference the question number.

(1.) Environmental cleanup liens that are filed or recorded against the site (40 CRF 312.25).

Are you aware of any environmental cleanup liens against the Property that are filed or recorded under federal, tribal, state or local law?

No

(2.) Activity and land use limitations that are in place on the site or that have been filed or recorded in a registry (40 CRF 312.26).

Are you aware of aware of any activity and land use limitations (AULs), such as engineering controls, land use restrictions or institutional controls that are in place at the property and/or have been filed or recorded in a registry under federal, tribal state or local law?

No

(3.) Specialized knowledge or experience of the person seeking to qualify for the LLP (40 CRF 312.28).

As the user of this Phase I Environmental Site assessment ESA do you have any specialized knowledge or experience related to the Property or nearby properties? For example, are you involved in the same line of business as the current or former occupants of the Property or an adjoining property so that you would have specialized knowledge of the chemicals and processes used by this type of business?

No

(4.) Relationship of the purchase price to the fair market value of the Property if it were not contaminated (40 CRF 312.29).

Does the purchase price being paid for this Property reasonably reflect the fair market value of the Property? If you conclude that there is a difference, have you considered whether the lower purchase price is because contamination is known or believed to be present at the Property?

Yes

(5.) Commonly known or reasonably ascertainable information about the Property (40 CRF 312.30).

Are you aware of commonly known or reasonably ascertainable information about the Property that would help the environmental professional to identify conditions indicative of releases or threatened releases? For example, as user,

(a.) Do you know the past uses of the Property?

Yes - Educational since 1807. Farmland prior

(b.) Do you know of specific chemicals that are present or once were present at the Property?

No

(c.) Do you know of spills or other chemical releases that have taken place at the Property?

No

(d.) Do you have any prior knowledge that the property was developed with a gas station, dry cleaner, machine shop or industrial facility in the past?

No

(e.) Have you ever been informed of the past existence of hazardous substances or petroleum products with respect to the Property or any facility located on the property?

No

(f.) Do you know if one or more underground storage tanks (USTs) or septic tanks were previously located on the Property?

Yes, there is a spetic tank in place for use by the former Wickford Elementary School

(g.) Do you know of any past, threatened, or pending lawsuits or administrative proceedings concerning a release or threatened release of any hazardous substance or petroleum products involving the Property by any owner or occupant of the Property?

No

(h.) Do you have any prior knowledge that any hazardous substances or petroleum products, unidentified waste materials, tires, automotive or industrial batteries, or any other waste materials have been dumped above grade, buried and/or burned on the Property?

No

(i.) What year was the Property building Constructed (if developed)?

Present older portion - Circa 1907. Addition built circa 1937

(j.) Do you know of any environmental cleanups that have taken place at the Property?

No

(6.) The degree of obviousness of the presence of likely presence of contamination at the Property, and the ability to detect the contamination by appropriate investigation (40.CRF 312.31).

As the user of this ESA, based on your knowledge and experience related to the Property are there any obvious indicators that point to the presence or likely presence of contamination at the Property?

No

(7.) For what purpose is this Phase I Environmental Site Assessment being conducted, i.e. real estate transaction, lender requirement, etc.?

Due diligence for Sale of property to the user of this ESA

(8.) Who is the current owner of the Property and how long has he/she owned the Property?

Town of North Kingstown. They have been the Owner since at least 1935

Property Address: 99 Phillips Street, North Kingstown, RI, 02852
LSE Job Number: 13047A10

(9.) Do you have a Title Search for the Property? If not, would you like us to order one? This is not within the ASTM Standard scope. However, we are required to ask the Client this question, even though it is an additional scope, not included in the ASTM standard. The approximate cost for a Title Search with analysis and incorporation into the report is $500.

Yes we have done an extensive title search

I certify that the above responses were made to the best of my knowledge.

Print Name: Stanley Weiss

Address: 292 Westminster Street, Providence, RI 02903

Relationship to Subject Property: Managing Partner, 99 Phillips Street, LLC

Signature:

Date: September 24, 2013

APPENDIX B

DATABASE SEARCH

99 Philips Street
99 Philips Street
North Kingstown, RI 02852

Inquiry Number: 3696323.1s
August 15, 2013

FirstSearch Report

EDR® Environmental Data Resources Inc

440 Wheelers Farms Road
Milford, CT 06461
Toll Free: 800.352.0050
www.edrnet.com

Search Summary Report

TARGET SITE 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

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	-	0	0
RCRA COR ACT	Y	0	0	0	0	1	0	1
RCRA TSD	Y	0	0	0	0	-	0	0
RCRA GEN	Y	0	1	2	-	-	0	3
Federal IC / EC	Y	0	0	0	0	-	0	0
ERNS	Y	0	-	-	-	-	0	0
State/Tribal CERCLIS	Y	0	0	0	2	5	18	25
State/Tribal SWL	Y	0	0	0	0	-	0	0
State/Tribal LTANKS	Y	0	1	3	3	-	1	8
State/Tribal Tanks	Y	1	1	8	-	-	0	10
State/Tribal IC / EC	Y	0	0	0	0	-	2	2
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	-	2	-	-	1	3
Other	Y	2	-	-	-	-	0	2
	- Totals --	3	3	15	5	6	22	54

Search Summary Report

TARGET SITE: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
NPL	NPL	04/26/2013	1.000	0	0	0	0	0	0	0
	Proposed NPL	04/26/2013	1.000	0	0	0	0	0	0	0
NPL Delisted	Delisted NPL	04/26/2013	1.000	0	0	0	0	0	0	0
CERCLIS	CERCLIS	04/26/2013	0.500	0	0	0	0	-	0	0
NFRAP	CERC-NFRAP	04/26/2013	0.500	0	0	0	0	-	0	0
RCRA COR ACT	CORRACTS	02/12/2013	1.000	0	0	0	0	1	0	1
RCRA TSD	RCRA-TSDF	06/18/2013	0.500	0	0	0	0	-	0	0
RCRA GEN	RCRA-LQG	06/18/2013	0.250	0	0	1	-	-	0	1
	RCRA-SQG	06/18/2013	0.250	0	1	1	-	-	0	2
	RCRA-CESQG	06/18/2013	0.250	0	0	0	-	-	0	0
Federal IC / EC	US ENG CONTROLS	03/14/2013	0.500	0	0	0	0	-	0	0
	US INST CONTROL	03/14/2013	0.500	0	0	0	0	-	0	0
ERNS	ERNS	12/31/2012	TP	0	-	-	-	-	0	0
State/Tribal CERCLIS	SHWS	05/01/2013	1.000	0	0	0	2	5	18	25
State/Tribal SWL	SWF/LF	05/31/2013	0.500	0	0	0	0	-	0	0
State/Tribal LTANKS	LUST	05/01/2013	0.500	0	1	3	3	-	1	8
	INDIAN LUST	09/28/2012	0.500	0	0	0	0	-	0	0
State/Tribal Tanks	UST	05/01/2013	0.250	1	1	7	-	-	0	9
	AST	01/01/2013	0.250	0	0	1	-	-	0	1
	INDIAN UST	09/28/2012	0.250	0	0	0	-	-	0	0
State/Tribal IC / EC	AUL	05/13/2013	0.500	0	0	0	0	-	2	2
ST/Tribal Brownfields	BROWNFIELDS	10/02/2003	0.500	0	0	0	0	-	0	0
US Brownfields	US BROWNFIELDS	06/24/2013	0.500	0	0	0	0	-	0	0
Other Haz Sites	US CDL	03/04/2013	TP	0	-	-	-	-	0	0

Search Summary Report

TARGET SITE: **99 PHILIPS STREET**
NORTH KINGSTOWN, RI 02852

Category	Database	Update	Radius	Site	1/8	1/4	1/2	> 1/2	ZIP	TOTALS
Spills	HMIRS	12/31/2012	TP	0	-	-	-	-	0	0
	SPILLS	11/15/2004	0.250	0	0	2	-	-	1	3
	SPILLS 90	01/04/2001	TP	0	-	-	-	-	0	0
Other	RCRA NonGen / NLR	06/18/2013	TP	0	-	-	-	-	0	0
	TRIS	12/31/2009	TP	0	-	-	-	-	0	0
	TSCA	12/31/2006	TP	0	-	-	-	-	0	0
	FTTS	04/09/2009	TP	1	-	-	-	-	0	1
	SSTS	12/31/2009	TP	0	-	-	-	-	0	0
	ICIS	07/20/2011	TP	0	-	-	-	-	0	0
	PADS	11/01/2012	TP	0	-	-	-	-	0	0
	MLTS	03/14/2013	TP	0	-	-	-	-	0	0
	RADINFO	04/09/2013	TP	0	-	-	-	-	0	0
	FINDS	03/08/2013	TP	1	-	-	-	-	0	1
	RAATS	04/17/1995	TP	0	-	-	-	-	0	0
	INDIAN RESERV	12/31/2005	1.000	0	0	0	0	0	0	0
	US AIRS	01/23/2013	TP	0	-	-	-	-	0	0
	PRP	12/18/2012	TP	0	-	-	-	-	0	0
	LEAD SMELTERS	01/29/2013	TP	0	-	-	-	-	0	0
	- Totals --			3	3	15	5	6	22	54

Site Information Report

Request Date: AUGUST 15, 2013
Request Name: DIANA SEAVER
Search Type: COORD
Job Number: 13047A10

Target Site: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

Site Location

	Degrees (Decimal)	Degrees (Min/Sec)	UTMs
Longitude:	71.455600	71.4556000 - 71° 27' 20.16"	Easting: 295251.4
Latitude:	41.568400	41.5684000 - 41° 34' 6.24"	Northing: 4604557.5
Elevation:	42 ft. above sea level		Zone: Zone 19

Demographics

Sites: 32 **Non-Geocoded:** 22 **Population:** N/A

RADON

Federal EPA Radon Zone for WASHINGTON County: 1

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: 02852

Number of sites tested: 14

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	0.300 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	3.936 pCi/L	71%	21%	7%

Federal Area Radon Information for WASHINGTON COUNTY, RI

Number of sites tested: 46

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	1.367 pCi/L	100%	0%	0%
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	4.489 pCi/L	59%	37%	4%

Site Information Report

RADON

State Database: RI Radon

Radon Test Results

Zipcode	Num Tests	# < 4 pCi/L	4 to 20	# > 20 pCi/L	Maximum
02852	1931	1243	636	51	205

Target Site Summary Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

TOTAL: 54 GEOCODED: 32 NON GEOCODED: 22

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
A1	FINDS	WICKFORD ELEMENTARY SCHOOL	99 PHILLIPS ST NORTH KINGSTOWN, RI 02852	0.00	+ 0	1
A1	FTTS	WICKFORD ELEMENTARY SCHOOL	99 PHILLIPS ST NORTH KINGSTOWN, RI 02852	0.00	+ 0	2
A2	UST --UST-2444 --In Use	WICKFORD ELEMENTARY	99 PHILLIPS ST NORTH KINGSTOWN, RI	0.00	+ 0	3

Sites Summary Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

TOTAL: 54 GEOCODED: 32 NON GEOCODED: 22

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
3	RCRA-SQG --RID987492865	PIERCE CALVIN J DMD PHD	145 PHILLIPS ST NORTH KINGSTOWN, RI 02852	0.08 WSW	- 25	4
B4	LUST --Inactive; Investigation/Remed. Complete,No Further Action Required --Soil Removal Only; No Further Action Required --1392 --1392	FLEET BANK	30 PHILLIPS STREET NORTH KINGSTOWN, RI	0.12 East	- 20	7
B5	UST --UST-1392 --Permanently Closed	FLEET NATIONAL BANK	30 PHILLIPS ST NORTH KINGSTOWN, RI	0.12 East	- 20	8
C6	UST --UST-960 --Permanently Closed	WICKFORD MARINE	1 PHILLIPS ST NORTH KINGSTOWN, RI	0.14 East	- 18	9
C7	UST --UST-4334 --Abandoned	THE KAYAK CENTER	1-11 BROWN ST NORTH KINGSTOWN, RI	0.14 East	- 17	10
C8	RCRA-LQG --RIP000014497	NYNEX	MH B-4 BOSTON NECK RD NORTH KINGSTOWN, RI 02852	0.15 East	- 15	11
9	UST --UST-932 --Permanently Closed	NORTH KINGSTOWN FREE LIBRARY	100 BOONE ST NORTH KINGSTOWN, RI	0.16 WNW	+ 1	13
9	LUST --Soil Removal Only; No Further Action Required --932 --932	NORTH KINGSTOWN FREE LIBRARY	100 BOONE ST NORTH KINGSTOWN, RI	0.16 WNW	+ 1	14
D10	UST --UST-15216 --Permanently Closed	DAVISVILLE CREDIT UNION	45 BROWN ST NORTH KINGSTOWN, RI	0.19 NE	- 11	15
D11	UST --UST-931 --Permanently Closed	NORTH KINGSTOWN TOWN HALL ANNE	55 BROWN ST NORTH KINGSTOWN, RI	0.21 NE	- 26	16

Sites Summary Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

TOTAL: 54 GEOCODED: 32 NON GEOCODED: 22

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
E12	RCRA-SQG --RIR000511402	RITE AID # 10225	63 BROWN ST NORTH KINGSTOWN, RI 02852	0.22 NE	- 31	17
E13	LUST --Soil Removal Only; No Further Action Required --19026 --19026	BROOKS PHARMACY	63 BROWN STREET NORTH KINGSTOWN, RI	0.22 NE	- 31	20
E14	UST --UST-19026 --Permanently Closed	BROOKS PHARMACY	63 BROWN ST NORTH KINGSTOWN, RI	0.22 NE	- 31	21
F15	SPILLS --96-130		103 WEST MAIN STREET NORTH KINGSTOWN, RI	0.23 North	- 16	22
F16	SPILLS --96-130		103 WEST MAIN STREET NORTH KINGSTOWN, RI	0.23 North	- 16	23
G17	LUST --Active; Investigation/Remed. Required --Soil Removal Only; No Further Action Required --1524 --1524	MOBIL -OLIVER'S	43 WEST MAIN ROAD NORTH KINGSTOWN, RI	0.23 NNE	- 37	24
G18	UST --UST-1524 --Permanently Closed	WICKFORD AUTO STATION, INC. -	43 WEST MAIN ST NORTH KINGSTOWN, RI	0.23 NNE	- 37	25
G19	AST	MOBIL SERVICE STATION	43 WEST MAIN ST. NORTH KINGSTOWN, RI	0.23 NNE	- 37	26
20	LUST --Soil Removal Only; No Further Action Required --16015 --16015	WELSON	204 BEACH STREET NORTH KINGSTOWN, RI	0.35 ESE	- 7	27
21	SHWS --Active		250 TOWER HILL RD. NORTH KINGSTOWN, RI	0.37 West	+ 30	28
22	LUST --Soil Removal Only; No Further Action Required --2220 --2220	U S POSTAL SERVICE	234 WEST MAIN STREET NORTH KINGSTOWN, RI	0.39 NW	- 5	29

Sites Summary Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

TOTAL: 54 GEOCODED: 32 NON GEOCODED: 22

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
23	LUST --Active; Investigation/Remed. Required --919 --919	MOTIVA ENTERPRISES LLC	10 TEN ROD RD NORTH KINGSTOWN, RI 02852	0.47 WSW	+ 35	30
23	SHWS --Inactive	MOTIVA ENTERPRISES LLC	10 TEN ROD RD NORTH KINGSTOWN, RI 02852	0.47 WSW	+ 35	31
24	SHWS --Active	JOHNSONS BOAT YARD INC	3 ESMOND AVE NORTH KINGSTOWN, RI 02852	0.55 NNE	- 20	32
25	SHWS --Active	RI DOT BELLEVILLE SALT STORAGE	439 TOWER HILL ROAD NORTH KINGSTOWN, RI	0.59 SW	- 6	33
26	SHWS --Inactive	NATIONAL GRID DAVISVILLE SUBST	9 ROGER WILLIAMS WAY NORTH KINGSTOWN, RI	0.80 North	- 13	34
27	SHWS --Active	INTERNATIONAL DEPOSITORY INC	QUONSET POINT BLDG 885 NORTH KINGSTOWN, RI 02852	0.87 North	- 22	35
27	CORRACTS	INTERNATIONAL DEPOSITORY INC	QUONSET POINT BLDG 885 NORTH KINGSTOWN, RI 02852	0.87 North	- 22	36
28	SHWS --Inactive	NARRAGANSETT LITHO LTD	935 ROGER WILLIAMS WAY NORTH KINGSTOWN, RI 02852	0.97 North	- 11	37

Sites Summary Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

TOTAL: 54 GEOCODED: 32 NON GEOCODED: 22

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	LUST --Soil Removal Only; No Further Action Required --2871 --2871	OATLEY'S	ROUTE 102 NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	AUL	KIEFER PARK LOT 19A	CIRCUIT DRIVE NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Inactive	KIEFER PARK LOT 19A	CIRCUIT DRIVE NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Active	KIEFER PARK LOT 18	CIRCUIT DRIVE NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Inactive	RI CLEAN INDUSTRY	DAVISVILLE ROAD NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Active	CBC DAVISVILLE	DAVISVILLE NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Active --Inactive	DEVIL'S FOOT ROAD DUMP	DEVIL'S FOOT ROAD NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Inactive	ALL AMERICAN MEAT & SEAFOOD	DEVILS FOOT ROAD NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Active	QUARRY DISPOSAL SITE	INTERS OF SMITH & GENOA D NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Inactive	CAMP FOGARTY DISPOSAL AREA (NC	WEST OF ROUTE 2 NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Inactive	CLOTHING AND WOODBURN AREA	OFF QUIDNESSETT ROAD NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Inactive	BUILDING 56 (NCBC)	QUONSET NORTH KINGSTOWN, RI	NON GC	N/A	N/A

Sites Summary Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

TOTAL: 54 GEOCODED: 32 NON GEOCODED: 22

Map ID	DB Type --ID/Status	Site Name	Address	Dist/Dir	ElevDiff	Page No.
	SHWS --Inactive	QUONSET POINT AUTO FLUFF	QUONSET ACCESS RD. NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Inactive	QUONSET POINT SWIMMING POOL	QUONSET POINT NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Inactive	DAVISVILLE WATER TANK PROJECT	QUONSET/DAVISVILLE PARK NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SPILLS --233	NATIONAL GRID - FORMER KIEFER	ROGER WILLIAMS WAY NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Inactive	NATIONAL GRID - FORMER KIEFER	ROGER WILLIAMS WAY NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Monitoring	CALF PASTURE POINT (NCBC)	SANFORD ROAD NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Monitoring	ALLEN HARBOR LANDFILL (NCBC)	SANFORD ROAD NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Active	AQUA TANK FARM (SEE LS-2313)	ZARBO AVENUE NORTH KINGSTOWN, RI	NON GC	N/A	N/A
	AUL	PHOTEK	LIBERTY LANE SOUTH KINGSTOWN, RI	NON GC	N/A	N/A
	SHWS --Inactive	PHOTEK	LIBERTY LANE SOUTH KINGSTOWN, RI	NON GC	N/A	N/A

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

FINDS

EDR ID: 1005654015 **DIST/DIR:** 0.000 **ELEVATION:** 42 **MAP ID:** A1

NAME: WICKFORD ELEMENTARY SCHOOL **Rev:** 03/08/2013

ADDRESS: 99 PHILLIPS ST
NORTH KINGSTOWN, RI 02852

SOURCE: US EPA

FINDS:

Registry ID: 110011758516

Environmental Interest/Information System
NCDB (National Compliance Data Base) supports implementation of the Federal Insecticide, Fungicide, and Rodenticide Act (FIFRA) and the Toxic Substances Control Act (TSCA). The system tracks inspections in regions and states with cooperative agreements, enforcement actions, and settlements.

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

FTTS

EDR ID: 1005654015 **DIST/DIR:** 0.000 **ELEVATION:** 42 **MAP ID:** A1

NAME: WICKFORD ELEMENTARY SCHOOL **Rev:** 04/09/2009

ADDRESS: 99 PHILLIPS ST
NORTH KINGSTOWN, RI 02852

SOURCE: US EPA/Office of Prevention, Pesticides and Toxic Substances

FTTS INSP:
Inspection Number: 20000407RI001 2
Region: 01
Inspection Date: 04/07/00
Inspector: WILBUR
Violation occurred: No
Investigation Type: AHERA, Enforcement, State Conducted
Investigation Reason: Neutral Scheme, State
Legislation Code: TSCA
Facility Function: User

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

UST

EDR ID: U001473943 **DIST/DIR:** 0.000 **ELEVATION:** 42 **MAP ID:** A2

NAME: WICKFORD ELEMENTARY
ADDRESS: 99 PHILLIPS ST
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: UST-2444
ID/Status: In Use

SOURCE: RI Department of Environmental Management

UST:
Facility ID: UST-2444
Facility Class: Education - Town

Tank ID: 1
Tank Status: In Use
Tank Capacity: 2000
Tank Substance: Heating Oil No.2
Date Installed: 04/01/1982

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

RCRA-SQG

EDR ID: 1000801656 **DIST/DIR:** 0.083 WSW **ELEVATION:** 17 **MAP ID:** 3

NAME: PIERCE CALVIN J DMD PHD
ADDRESS: 145 PHILLIPS ST
NORTH KINGSTOWN, RI 02852
WASHINGTON
SOURCE: US Environmental Protection Agency

Rev: 06/18/2013
ID/Status: RID987492865

RCRA-SQG:
Date form received by agency: 03/12/2003
Facility name: PIERCE CALVIN J DMD PHD
Facility address: 145 PHILLIPS ST
NORTH KINGSTOWN, RI 02852
EPA ID: RID987492865
Mailing address: PHILLIPS ST
NORTH KINGSTOWN, RI 02852
Contact: CALVIN PIERCE
Contact address: PHILLIPS ST
NORTH KINGSTOWN, RI 02852
Contact country: US
Contact telephone: (401) 294-4315
Contact email: Not reported
EPA Region: 01
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: CALVIN J PIERCE DMD PHD
Owner/operator address: PHILLIPS ST
NORTH KINGSTOWN, RI 02852
Owner/operator country: US
Owner/operator telephone: (401) 294-2561
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 03/01/1998
Owner/Op end date: Not reported

Owner/operator name: CALVIN J PIERCE DMD PHD
Owner/operator address: PHILLIPS ST
NORTH KINGSTOWN, RI 02852
Owner/operator country: US
Owner/operator telephone: (401) 294-2561
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 03/01/1998
Owner/Op end date: Not reported

Owner/operator name: JARED D SHEHAN DMD

- Continued on next page -

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

RCRA-SQG

EDR ID: 1000801656 **DIST/DIR:** 0.083 WSW **ELEVATION:** 17 **MAP ID:** 3

NAME: PIERCE CALVIN J DMD PHD
ADDRESS: 145 PHILLIPS ST
NORTH KINGSTOWN, RI 02852
WASHINGTON
SOURCE: US Environmental Protection Agency

Rev: 06/18/2013
ID/Status: RID987492865

Owner/operator address: 145 PHILLIPS ST
NORTH KINGSTOWN, RI 02852
Owner/operator country: Not reported
Owner/operator telephone: (401) 294-4315
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:
Date form received by agency: 03/07/2000
Facility name: PIERCE CALVIN J DMD PHD
Site name: SHEHAN JARED D DMD INC
Classification: Not a generator, verified

Date form received by agency: 07/22/1992
Facility name: PIERCE CALVIN J DMD PHD
Site name: SHEHAN JARED D DMD INC
Classification: Small Quantity Generator

Hazardous Waste Summary:
Waste code: D008
Waste name: LEAD

Waste code: D011
Waste name: SILVER

- Continued on next page -

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

RCRA-SQG

EDR ID: 1000801656 **DIST/DIR:** 0.083 WSW **ELEVATION:** 17 **MAP ID:** 3

NAME: PIERCE CALVIN J DMD PHD

ADDRESS: 145 PHILLIPS ST
NORTH KINGSTOWN, RI 02852
WASHINGTON

SOURCE: US Environmental Protection Agency

Rev: 06/18/2013
ID/Status: RID987492865

Violation Status: No violations found

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

LUST

EDR ID: S105527894 **DIST/DIR:** 0.116 East **ELEVATION:** 22 **MAP ID:** B4

NAME: FLEET BANK
ADDRESS: 30 PHILLIPS STREET
NORTH KINGSTOWN, RI

SOURCE: RI Department of Environmental Management

Rev: 05/01/2013
ID/Status: Inactive; Investigation/Remed. Complete,No F
ID/Status: Soil Removal Only; No Further Action Require
ID/Status: 1392
ID/Status: 1392

LUST:
Project Number: 2348A-ST
Project Date: 10/19/2004
Facility Id: 1392
Facility Status: Soil Removal Only; No Further Action Required

Project Number: 2348-ST
Project Date: 08/09/2002
Facility Id: 1392
Facility Status: Inactive; Investigation/Remed. Complete,No Further Action Required

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

UST

EDR ID: U001211794 **DIST/DIR:** 0.116 East **ELEVATION:** 22 **MAP ID:** B5

NAME: FLEET NATIONAL BANK
ADDRESS: 30 PHILLIPS ST
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: UST-1392
ID/Status: Permanently Closed

SOURCE: RI Department of Environmental Management

UST:
Facility ID: UST-1392
Facility Class: Commercials

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 500
Tank Substance: Heating Oil No.2
Date Installed: 07/01/1982

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: Not reported

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

UST

EDR ID: U001473926 **DIST/DIR:** 0.142 East **ELEVATION:** 24 **MAP ID:** C6

NAME: WICKFORD MARINE

ADDRESS: 1 PHILLIPS ST
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: UST-960
ID/Status: Permanently Closed

SOURCE: RI Department of Environmental Management

UST:
Facility ID: UST-960
Facility Class: Commercials

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Gasoline
Date Installed: 04/01/1970

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

UST

EDR ID: U004144708 **DIST/DIR:** 0.145 East **ELEVATION:** 25 **MAP ID:** C7

NAME: THE KAYAK CENTER
ADDRESS: 1-11 BROWN ST
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: UST-4334
ID/Status: Abandoned

SOURCE: RI Department of Environmental Management

UST:
Facility ID: UST-4334
Facility Class: State Government

Tank ID: 1
Tank Status: Abandoned
Tank Capacity: 2000
Tank Substance: Gasoline
Date Installed: Not reported

Tank ID: 2
Tank Status: Abandoned
Tank Capacity: 2000
Tank Substance: Gasoline
Date Installed: Not reported

Tank ID: 3
Tank Status: Abandoned
Tank Capacity: 1000
Tank Substance: Gasoline
Date Installed: Not reported

Tank ID: 4
Tank Status: Abandoned
Tank Capacity: 2000
Tank Substance: Gasoline
Date Installed: Not reported

Tank ID: 5
Tank Status: Abandoned
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: Not reported

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

RCRA-LQG

EDR ID: 1007209086 **DIST/DIR:** 0.153 East **ELEVATION:** 27 **MAP ID:** C8

NAME: NYNEX
ADDRESS: MH B-4 BOSTON NECK RD
NORTH KINGSTOWN, RI 02852
WASHINGTON
SOURCE: US Environmental Protection Agency

Rev: 06/18/2013
ID/Status: RIP000014497

RCRA-LQG:
Date form received by agency: 02/28/1996
Facility name: NYNEX
Facility address: MH B-4 BOSTON NECK RD
NORTH KINGSTOWN, RI 028520000
EPA ID: RIP000014497
Contact: GARY M SCHMITZ
Contact address: Not reported
Not reported
Contact country: Not reported
Contact telephone: (617) 743-6205
Contact email: Not reported
EPA Region: 01
Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

- Continued on next page -

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

RCRA-LQG

EDR ID: 1007209086 **DIST/DIR:** 0.153 East **ELEVATION:** 27 **MAP ID:** C8

NAME: NYNEX

ADDRESS: MH B-4 BOSTON NECK RD
NORTH KINGSTOWN, RI 02852
WASHINGTON

SOURCE: US Environmental Protection Agency

Rev: 06/18/2013
ID/Status: RIP000014497

Violation Status: No violations found

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

UST

EDR ID: U001211494 **DIST/DIR:** 0.163 WNW **ELEVATION:** 43 **MAP ID:** 9

NAME: NORTH KINGSTOWN FREE LIBRARY
ADDRESS: 100 BOONE ST
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: UST-932
ID/Status: Permanently Closed

SOURCE: RI Department of Environmental Management

UST:
Facility ID: UST-932
Facility Class: City/Town Government

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 10250
Tank Substance: Heating Oil No.2
Date Installed: 08/01/1976

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

LUST

EDR ID: U001211494 **DIST/DIR:** 0.163 WNW **ELEVATION:** 43 **MAP ID:** 9

NAME: NORTH KINGSTOWN FREE LIBRARY
ADDRESS: 100 BOONE ST
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: Soil Removal Only; No Further Action Require
ID/Status: 932
ID/Status: 932

SOURCE: RI Department of Environmental Management

LUST:
Project Number: 2312-LS
Project Date: 11/21/1991
Facility Id: 932
Facility Status: Soil Removal Only; No Further Action Required

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

UST

EDR ID: U001213610 **DIST/DIR:** 0.188 NE **ELEVATION:** 31 **MAP ID:** D10

NAME: DAVISVILLE CREDIT UNION
ADDRESS: 45 BROWN ST
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: UST-15216
ID/Status: Permanently Closed

SOURCE: RI Department of Environmental Management

UST:
Facility ID: UST-15216
Facility Class: Commercials

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 275
Tank Substance: Heating Oil No.2
Date Installed: 04/25/2001

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

UST

EDR ID: U001211493 **DIST/DIR:** 0.205 NE **ELEVATION:** 16 **MAP ID:** D11

NAME: NORTH KINGSTOWN TOWN HALL ANNEX
ADDRESS: 55 BROWN ST
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: UST-931
ID/Status: Permanently Closed

SOURCE: RI Department of Environmental Management

UST:
Facility ID: UST-931
Facility Class: City/Town Government

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: 08/01/1980

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

RCRA-SQG

EDR ID: 1016144961 **DIST/DIR:** 0.219 NE **ELEVATION:** 11 **MAP ID:** E12

NAME: RITE AID # 10225
ADDRESS: 63 BROWN ST
NORTH KINGSTOWN, RI 02852
WASHINGTON
SOURCE: US Environmental Protection Agency

Rev: 06/18/2013
ID/Status: RIR000511402

RCRA-SQG:
Date form received by agency: 01/30/2013
Facility name: RITE AID # 10225
Facility address: 63 BROWN ST
NORTH KINGSTOWN, RI 02852
EPA ID: RIR000511402
Mailing address: HUNTER LANE
CAMP HILL, PA 17011
Contact: STEPHANIE A CAIATI
Contact address: Not reported
Not reported
Contact country: US
Contact telephone: (717) 730-8225
Contact email: Not reported
EPA Region: 01
Classification: Small Small Quantity Generator
Description: Handler: generates more than 100 and less than 1000 kg of hazardous waste during any calendar month and accumulates less than 6000 kg of hazardous waste at any time; or generates 100 kg or less of hazardous waste during any calendar month, and accumulates more than 1000 kg of hazardous waste at any time

Owner/Operator Summary:
Owner/operator name: MAXI DRUG SOUTH INC
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 11/13/2007
Owner/Op end date: Not reported

Owner/operator name: RITE AID CORP
Owner/operator address: Not reported
Not reported
Owner/operator country: US
Owner/operator telephone: Not reported
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 11/13/2007
Owner/Op end date: Not reported

- Continued on next page -

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

RCRA-SQG

EDR ID: 1016144961 **DIST/DIR:** 0.219 NE **ELEVATION:** 11 **MAP ID:** E12

NAME: RITE AID # 10225
ADDRESS: 63 BROWN ST
NORTH KINGSTOWN, RI 02852
WASHINGTON
SOURCE: US Environmental Protection Agency

Rev: 06/18/2013
ID/Status: RIR000511402

Handler Activities Summary:
U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Hazardous Waste Summary:
Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D007
Waste name: CHROMIUM

Waste code: D009
Waste name: MERCURY

Waste code: D010
Waste name: SELENIUM

- Continued on next page -

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

RCRA-SQG

EDR ID: 1016144961 **DIST/DIR:** 0.219 NE **ELEVATION:** 11 **MAP ID:** E12

NAME: RITE AID # 10225
ADDRESS: 63 BROWN ST
NORTH KINGSTOWN, RI 02852
WASHINGTON
SOURCE: US Environmental Protection Agency

Rev: 06/18/2013
ID/Status: RIR000511402

Waste code: D011
Waste name: SILVER

Waste code: D024
Waste name: M-CRESOL

Waste code: D026
Waste name: CRESOL

Waste code: P001
Waste name: 2H-1-BENZOPYRAN-2-ONE, 4-HYDROXY-3-(3-OXO-1-PHENYLBUTYL)-, & SALTS, WHEN PRESENT AT CONCENTRATIONS GREATER THAN 0.3%

Waste code: P075
Waste name: NICOTINE, & SALTS

Waste code: R006
Waste name: EXTREMELY HAZARDOUS WASTE

Waste code: R015
Waste name: R015

Violation Status: No violations found

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

LUST

EDR ID: S105429995 **DIST/DIR:** 0.219 NE **ELEVATION:** 11 **MAP ID:** E13

NAME: BROOKS PHARMACY
ADDRESS: 63 BROWN STREET
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: Soil Removal Only; No Further Action Require
ID/Status: 19026
ID/Status: 19026

SOURCE: RI Department of Environmental Management

LUST:
Project Number: 2346-ST
Project Date: 04/04/2002
Facility Id: 19026
Facility Status: Soil Removal Only; No Further Action Required

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

UST

EDR ID: U003859570 **DIST/DIR:** 0.219 NE **ELEVATION:** 11 **MAP ID:** E14

NAME: BROOKS PHARMACY
ADDRESS: 63 BROWN ST
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: UST-19026
ID/Status: Permanently Closed

SOURCE: RI Department of Environmental Management

UST:
Facility ID: UST-19026
Facility Class: Commercials

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 1000
Tank Substance: Heating Oil No.2
Date Installed: Not reported

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

SPILLS

EDR ID: S104308885 **DIST/DIR:** 0.227 North **ELEVATION:** 26 **MAP ID:** F15

NAME:

Rev: 11/15/2004
ID/Status: 96-130

ADDRESS: 103 WEST MAIN STREET
NORTH KINGSTOWN, RI
WASHINGTON

SOURCE: RI Dept. of Environmental Management

SPILLS:
Report Number: 96-130
Report Date: 04-04-1996
Material Spilled: KEROSENE
Inspector: JOHN P. LEO
Source: Not reported
Complaint Number: Not reported
Complaint Date: Not reported
Inspect ID: Not reported
Inspection Date: Not reported
Founded: Not reported
Amount Spilled: 20
Units Spilled: GALLONS
Nature Of Spill: Not reported
Nature Of Spill 2: Not reported

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

SPILLS

EDR ID: S104307873 **DIST/DIR:** 0.227 North **ELEVATION:** 26 **MAP ID:** F16

NAME:

Rev: 11/15/2004
ID/Status: 96-130

ADDRESS: 103 WEST MAIN STREET
NORTH KINGSTOWN, RI
WASHINGTON

SOURCE: RI Dept. of Environmental Management

SPILLS:
Report Number: 96-130
Report Date: 04-04-1996
Material Spilled: KEROSENE
Inspector: JOHN P. LEO
Source: Not reported
Complaint Number: Not reported
Complaint Date: Not reported
Inspect ID: Not reported
Inspection Date: Not reported
Founded: Not reported
Amount Spilled: 20
Units Spilled: GALLONS
Nature Of Spill: Not reported
Nature Of Spill 2: Not reported

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

LUST

EDR ID: S109172374 **DIST/DIR:** 0.232 NNE **ELEVATION:** 5 **MAP ID:** G17

NAME: MOBIL -OLIVER'S

ADDRESS: 43 WEST MAIN ROAD
NORTH KINGSTOWN, RI

SOURCE: RI Department of Environmental Management

Rev: 05/01/2013
ID/Status: Active; Investigation/Remed. Required
ID/Status: Soil Removal Only; No Further Action Require
ID/Status: 1524
ID/Status: 1524

LUST:
Project Number: 2334A-LS
Project Date: 11/22/2005
Facility Id: 1524
Facility Status: Active; Investigation/Remed. Required

Project Number: 2334-LS
Project Date: 09/24/1996
Facility Id: 1524
Facility Status: Soil Removal Only; No Further Action Required

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

UST

EDR ID: U001211894 **DIST/DIR:** 0.232 NNE **ELEVATION:** 5 **MAP ID:** G18

NAME: WICKFORD AUTO STATION, INC. - MOBIL
ADDRESS: 43 WEST MAIN ST
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: UST-1524
ID/Status: Permanently Closed

SOURCE: RI Department of Environmental Management

UST:
Facility ID: UST-1524
Facility Class: Gasoline Station

Tank ID: 1
Tank Status: Permanently Closed
Tank Capacity: 550
Tank Substance: Heating Oil No.2
Date Installed: 04/01/1971

Tank ID: 2
Tank Status: Permanently Closed
Tank Capacity: 550
Tank Substance: Waste Oil
Date Installed: 04/01/1971

Tank ID: 3
Tank Status: Permanently Closed
Tank Capacity: 6000
Tank Substance: Gasoline
Date Installed: 04/01/1971

Tank ID: 4
Tank Status: Permanently Closed
Tank Capacity: 8000
Tank Substance: Gasoline
Date Installed: 04/01/1971

Tank ID: 5
Tank Status: Permanently Closed
Tank Capacity: 10000
Tank Substance: Gasoline
Date Installed: 04/01/1971

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

AST

EDR ID: A100318643 **DIST/DIR:** 0.232 NNE **ELEVATION:** 5 **MAP ID:** G19

NAME: MOBIL SERVICE STATION **Rev:** 01/01/2013

ADDRESS: 43 WEST MAIN ST.
NORTH KINGSTOWN, RI

SOURCE: RI Department of Environmental Management

AST:
Facility Classification: --
Mailing Address: 43 West Main St., North Kingstown, RI, 02852
Contact Person: Lucien DiStefano
Facility Telephone: --
Latitude\\Longitude: No Longer Exists

Tank id: 1
Tank Status: No longer there-been removed
Number of Gallons: 1000gal
Product Stored: Lube Oil
Date of Installation: Not reported
Tank Construction: Double-Wall-Lube Cube
Secondary Containment: --
Last inspection Date: Not reported

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

LUST

EDR ID: S101360865 **DIST/DIR:** 0.346 ESE **ELEVATION:** 35 **MAP ID:** 20

NAME: WELSON
ADDRESS: 204 BEACH STREET
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: Soil Removal Only; No Further Action Require
ID/Status: 16015
ID/Status: 16015

SOURCE: RI Department of Environmental Management

LUST:
Project Number: 2309-LS
Project Date: 02/22/1991
Facility Id: 16015
Facility Status: Soil Removal Only; No Further Action Required

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

SHWS

EDR ID: S104306174 **DIST/DIR:** 0.370 West **ELEVATION:** 72 **MAP ID:** 21

NAME:

Rev: 05/01/2013
ID/Status: Active

ADDRESS: 250 TOWER HILL RD.
NORTH KINGSTOWN, RI
WASHINGTON

SOURCE: RI Department of Environmental Management

SHWS:
Project Code: WIKS-HWM
Facility Status: Active
Project Code Desc: WIKS-HWM
Project Date: 05/04/2006

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

LUST

EDR ID: S104550534 **DIST/DIR:** 0.395 NW **ELEVATION:** 37 **MAP ID:** 22

NAME: U S POSTAL SERVICE
ADDRESS: 234 WEST MAIN STREET
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: Soil Removal Only; No Further Action Require
ID/Status: 2220
ID/Status: 2220

SOURCE: RI Department of Environmental Management

LUST:
Project Number: 2324-LS
Project Date: 09/10/1994
Facility Id: 2220
Facility Status: Soil Removal Only; No Further Action Required

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

LUST

EDR ID: 1000288152 **DIST/DIR:** 0.472 WSW **ELEVATION:** 77 **MAP ID:** 23

NAME: MOTIVA ENTERPRISES LLC
ADDRESS: 10 TEN ROD RD
NORTH KINGSTOWN, RI 02852
WASHINGTON
SOURCE: RI Department of Environmental Management

Rev: 05/01/2013
ID/Status: Active; Investigation/Remed. Required
ID/Status: 919
ID/Status: 919

LUST:
Project Number: 2350-LS
Project Date: 06/17/2004
Facility Id: 919
Facility Status: Active; Investigation/Remed. Required

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

SHWS

EDR ID: 1000288152 **DIST/DIR:** 0.472 WSW **ELEVATION:** 77 **MAP ID:** 23

NAME: MOTIVA ENTERPRISES LLC
ADDRESS: 10 TEN ROD RD
NORTH KINGSTOWN, RI 02852
WASHINGTON
SOURCE: RI Department of Environmental Management

Rev: 05/01/2013
ID/Status: Inactive

SHWS:
Project Code: SHEF-HWM
Facility Status: Inactive
Project Code Desc: SHEF-HWM
Project Date: 02/19/2002

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

SHWS

EDR ID: 1006811420 **DIST/DIR:** 0.549 NNE **ELEVATION:** 22 **MAP ID:** 24

NAME: JOHNSONS BOAT YARD INC

ADDRESS: 3 ESMOND AVE
NORTH KINGSTOWN, RI 02852
WASHINGTON

SOURCE: RI Department of Environmental Management

Rev: 05/01/2013
ID/Status: Active

SHWS:
Project Code: JNBY-HWM
Facility Status: Active
Project Code Desc: JNBY-HWM
Project Date: 09/23/1992

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

SHWS

EDR ID: S105990397 **DIST/DIR:** 0.586 SW **ELEVATION:** 36 **MAP ID:** 25

NAME: RI DOT BELLEVILLE SALT STORAGE MAINTENANCE FACILITY **Rev:** 05/01/2013
ID/Status: Active

ADDRESS: 439 TOWER HILL ROAD
NORTH KINGSTOWN, RI

SOURCE: RI Department of Environmental Management

SHWS:
Project Code: BVSS-DOT
Facility Status: Active
Project Code Desc: BVSS-DOT
Project Date: 05/20/2003

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

SHWS

EDR ID: S109578298 **DIST/DIR:** 0.798 North **ELEVATION:** 29 **MAP ID:** 26

NAME: NATIONAL GRID DAVISVILLE SUBSTATION
ADDRESS: 9 ROGER WILLIAMS WAY
NORTH KINGSTOWN, RI

Rev: 05/01/2013
ID/Status: Inactive

SOURCE: RI Department of Environmental Management

SHWS:
Project Code: NECD-HWM
Facility Status: Inactive
Project Code Desc: NECD-HWM
Project Date: 05/12/2009

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

SHWS

EDR ID: 1000216571 **DIST/DIR:** 0.870 North **ELEVATION:** 20 **MAP ID:** 27

NAME: INTERNATIONAL DEPOSITORY INC
ADDRESS: QUONSET POINT BLDG 885
NORTH KINGSTOWN, RI 02852
WASHINGTON
SOURCE: RI Department of Environmental Management

Rev: 05/01/2013
ID/Status: Active

SHWS:
Project Code: GDPL-HWM
Facility Status: Active
Project Code Desc: GDPL-HWM
Project Date: 01/24/1995

Project Code: IDI-SFA
Facility Status: Active
Project Code Desc: IDI-SFA
Project Date: 03/21/1995

Project Code: IDI-HWM
Facility Status: Active
Project Code Desc: IDI-HWM
Project Date: Not reported

Project Code: IDI-DOT
Facility Status: Active
Project Code Desc: IDI-DOT
Project Date: 10/16/2006

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

CORRACTS

EDR ID: 1000216571 **DIST/DIR:** 0.870 North **ELEVATION:** 20 **MAP ID:** 27

NAME: INTERNATIONAL DEPOSITORY INC **Rev:** 02/12/2013

ADDRESS: QUONSET POINT BLDG 885
NORTH KINGSTOWN, RI 02852
WASHINGTON

SOURCE: US EPA

CORRACTS:

EPA ID: RID991302407
EPA Region: 01
Area Name: ENTIRE FACILITY
Actual Date: 19900330
Action: CA050PA - RFA Completed, Assessment was a PA-Plus
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: RID991302407
EPA Region: 01
Area Name: ENTIRE FACILITY
Actual Date: 19910418
Action: CA075LO - CA Prioritization, Facility or area was assigned a low corrective action priority
NAICS Code(s): Not reported
Original schedule date: Not reported
Schedule end date: Not reported

Site Detail Report

Target Property: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

SHWS

EDR ID: 1000352956 **DIST/DIR:** 0.973 North **ELEVATION:** 31 **MAP ID:** 28

NAME: NARRAGANSETT LITHO LTD
ADDRESS: 935 ROGER WILLIAMS WAY
NORTH KINGSTOWN, RI 02852
WASHINGTON
SOURCE: RI Department of Environmental Management

Rev: 05/01/2013
ID/Status: Inactive

SHWS:
Project Code: NLL-HWM
Facility Status: Inactive
Project Code Desc: NLL-HWM
Project Date: 04/01/2003

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 State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state. SHWS - State Hazardous Waste Sites

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 Management Facilities

State/Tribal LTANKS: LUST Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state. LUST - Leaking Underground Storage Tank Facilities 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 R4 - Leaking Underground Storage Tanks on Indian Land. INDIAN LUST R8 - 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 - Underground Storage Tank Facility Master List AST - Aboveground Storage Tanks. INDIAN UST R1 - Underground Storage Tanks on Indian Land. INDIAN UST R10 - Underground Storage Tanks on Indian Land. INDIAN UST R9 - 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 R8 - Underground Storage Tanks on Indian Land. INDIAN UST R7 - Underground Storage Tanks on Indian Land. INDIAN UST R6 - Underground Storage Tanks on Indian Land.

State/Tribal IC / EC: AUL Environmental Land Use Restriction is the legal document placed in land evidence records that restricts a property to certain uses that are consistent with the approved Remediation Action Work Plan. AUL - ELUR Listing

ST/Tribal Brownfields: BROWNFIELDS Brownfields are real properties where the expansion, redevelopment or reuse may be complicated by the actual or potential presence of a hazardous substance, pollutant, or contaminat. BROWNFIELDS - Brownfields Site List

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 SPILLS - Oil & Hazardous Material Response Log/Spill Report. SPILLS 90 - SPILLS90 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. INDIAN RESERV - Indian Reservations. FEDLAND - Federal and Indian Lands. LEAD SMELTER 1 - Lead Smelter Sites. LEAD SMELTER 2 - Lead Smelter Sites. US AIRS (AFS) - Aerometric Information Retrieval System Facility Subsystem (AFS). PRP - Potentially Responsible Parties. 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 Management

Updated Quarterly

State/Tribal SWL: Department of Environmental Management

Updated Quarterly

State/Tribal LTANKS: Department of Environmental Management

Updated Quarterly

State/Tribal Tanks: Department of Environmental Management

Updated Quarterly

Database Sources

State/Tribal IC / EC: Department of Environmental Management

Varies

ST/Tribal Brownfields: Department of Environmental Management

Updated Semi-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: 99 PHILIPS STREET
NORTH KINGSTOWN, RI 02852

JOB: 13047A10

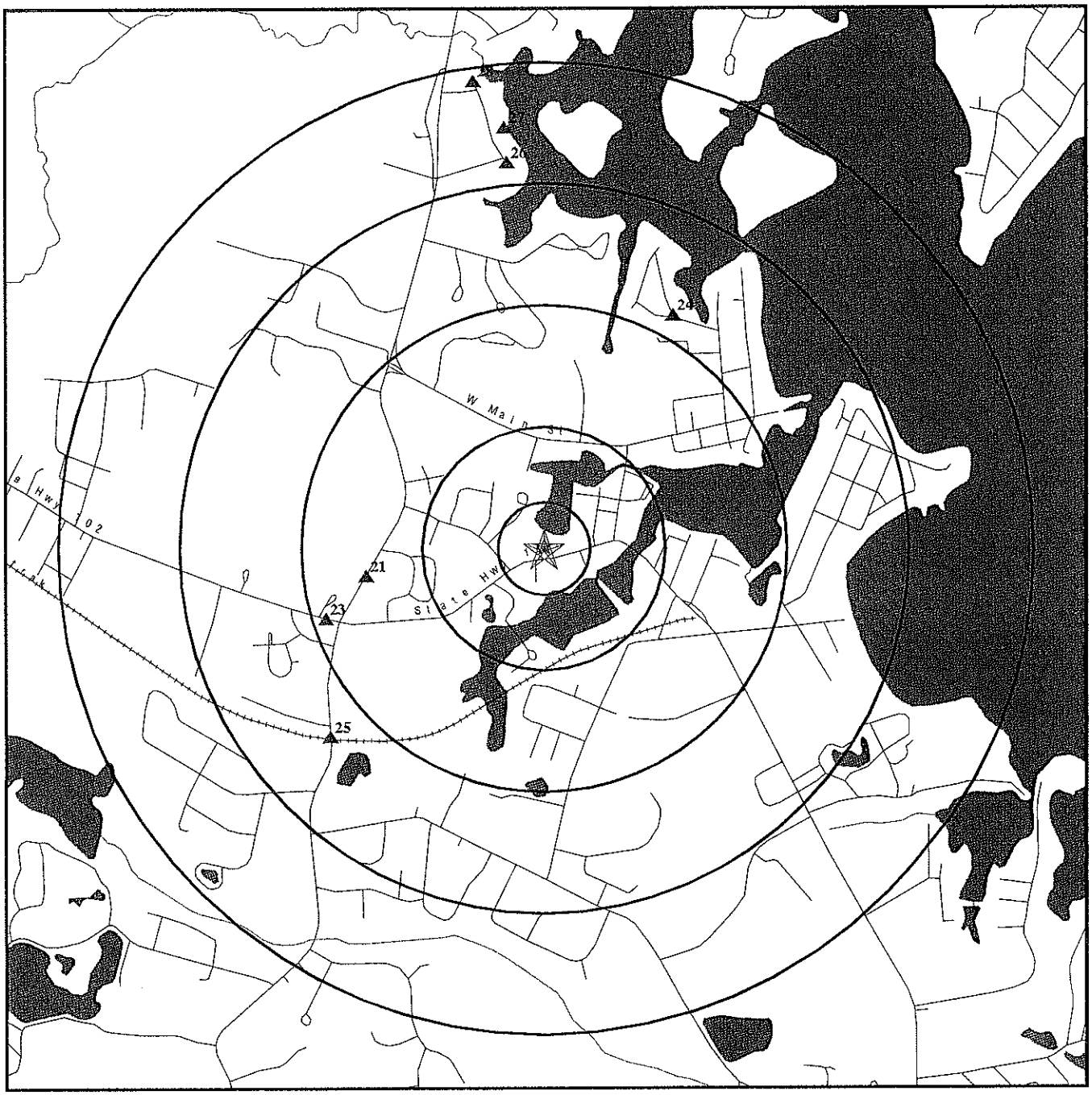
Street Name	Dist/Dir	Street Name	Dist/Dir
Boone St	0.08 WSW		
Brown St	0.14 East		
Cranston Cir	0.13 WNW		
Driveway	0.08 NW		
Elam St	0.10 East		
Franklin St	0.13 NNE		
Lindley Ave	0.23 South		
Loop Dr	0.12 SW		
Newtown Ave	0.23 NNE		
Oakland Ave	0.23 East		
Parking Lot	0.18 ENE		
Spink St	0.14 NE		
State Hwy 1A	0.02 South		
Stuart Dr	0.16 NW		
W Main St	0.22 North		
Waite Ct	0.22 WNW		

Environmental FirstSearch

1.000 Mile Radius
ASTM MAP: NPL, RCRACOR, STATES Sites

EDR Environmental Data Resources Inc

99 PHILIPS STREET NORTH KINGSTOWN, RI 02852



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

☆ Target Property (Latitude: 41.5684 Longitude: 71.4556)

▲ Identified Sites

Indian Reservations BIA

National Priority List Sites

Environmental FirstSearch

0.500 Mile Radius

ASTM MAP: CERCLIS, RCRATSD, LUST, SWL

EDR® Environmental Data Resources Inc

99 PHILIPS STREET NORTH KINGSTOWN, RI 02852

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

★ Target Property (Latitude: 41.5684 Longitude: 71.4556)

▲ Identified Sites

Indian Reservations BIA

National Priority List Sites

EDR Reference Code (EDR internal use only): 3696323.1s

13-06-15.11:14:06.Thu

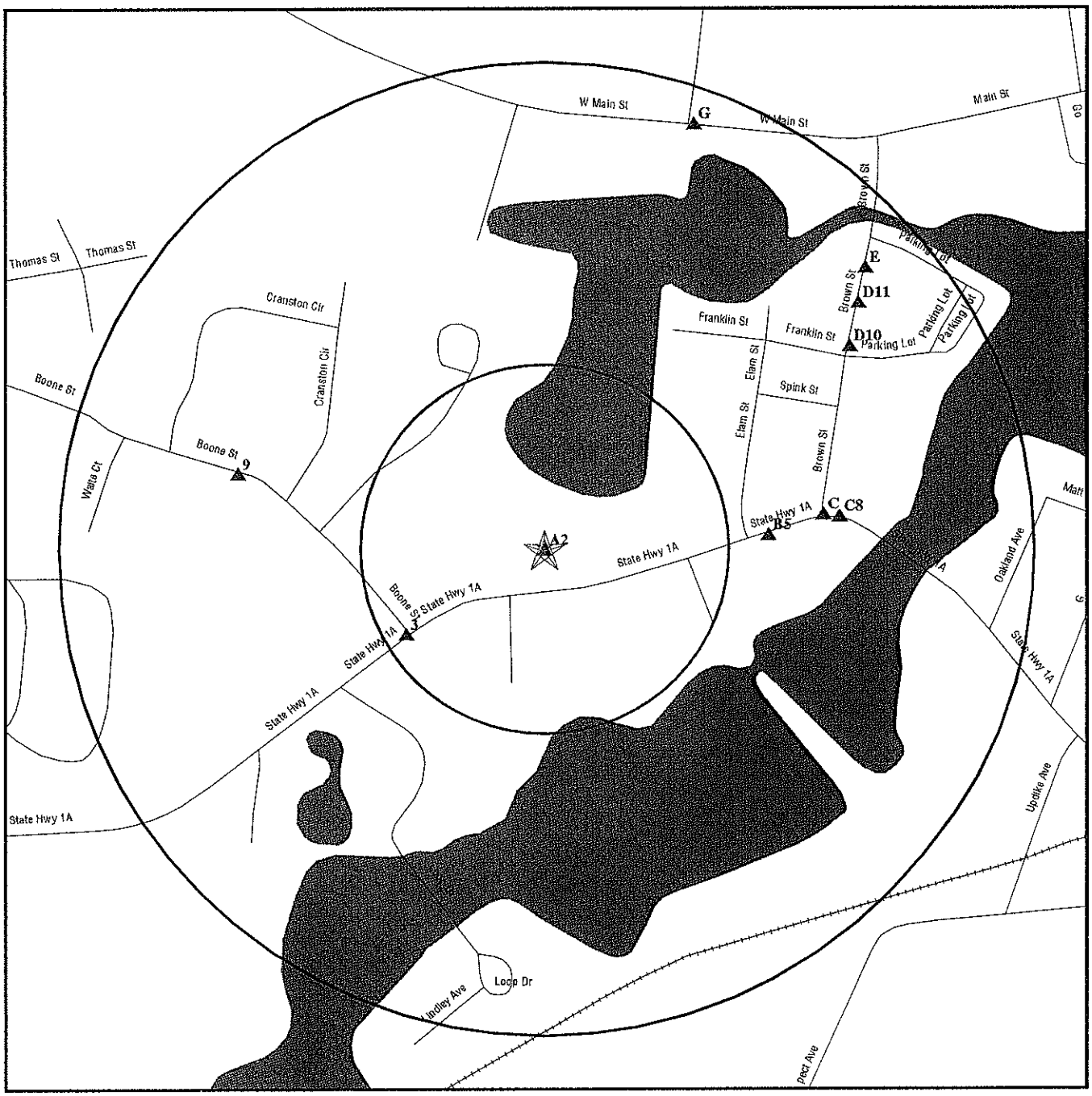
Environmental FirstSearch

0.25 Mile Radius

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

EDR® Environmental Data Resources Inc

99 PHILIPS STREET NORTH KINGSTOWN, RI 02852



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

☆ Target Property (Latitude: 41.5684 Longitude: 71.4556)

▲ Identified Sites

Indian Reservations BIA

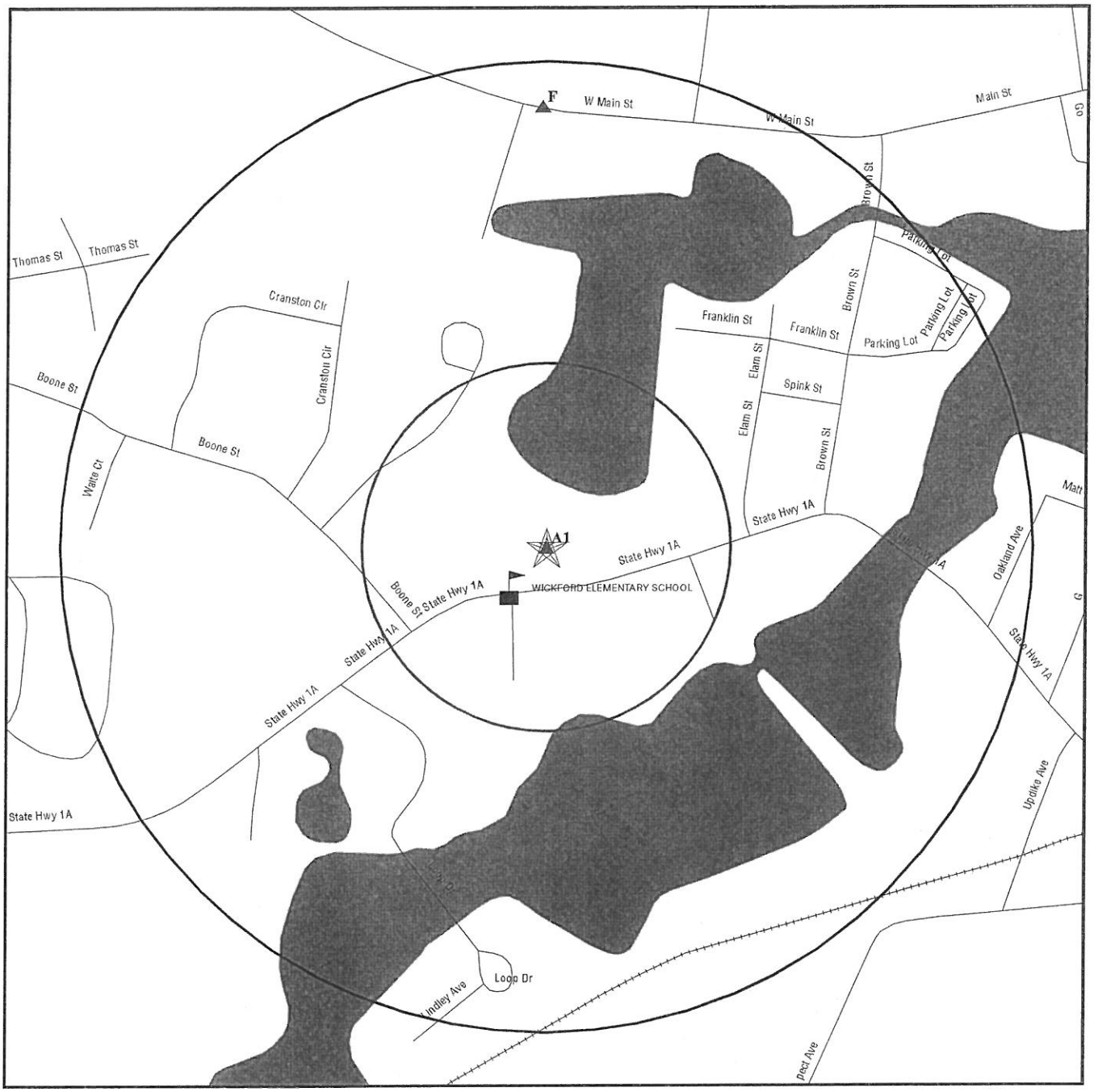
National Priority List Sites

Environmental FirstSearch

0.25 Mile Radius
Non ASTM Map, Spills, FINDS

EDR® Environmental Data Resources Inc

99 PHILIPS STREET NORTH KINGSTOWN, RI 02852



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

- ★ Target Property (Latitude: 41.5684 Longitude: 71.4556)
- ▲ Identified Sites
- Sensitive Receptors
- National Priority List Sites
- Indian Reservations BIA

APPENDIX C

RECORDS REVIEW SUPORTING DOCUMENTATION

Powered by Vision Government Solutions, Inc.

map/plat, block :	116/ 109/ / /
Location:	99 PHILLIPS ST
Owner Name:	N KINGSTOWN, TOWN OF
Account Number:	20663

Parcel Value

Item	Current Appraised Value	Current Assessed Value	FY 2013 Appraised Value	FY 2013 Assessed Value
Buildings	853,200	853,200	853,200	853,200
Xtra Bldg Features	16,400	16,400	16,400	16,400
Outbuildings	16,000	16,000	16,000	16,000
Land	363,700	363,700	363,700	363,700
Total:	**1,249,300**	**1,249,300**	**1,249,300**	**1,249,300**

Owner of Record

N KINGSTOWN, TOWN OF
80 BOSTON NECK RD
N KINGSTOWN, RI 02852

Ownership History

Owner Name	Book/Page	Sale Date	Sale Price
N KINGSTOWN, TOWN OF	99/ 117	11/8/1951	0
N KINGSTOWN SCHOOL	99/ 117	11/7/1951	0

Land Use

Land Use Code	Land Use Description
903C	MUNICIPAL MDL-94

Land Line Valuation

Size	Zone	Appraised Value	Assessed Value
6.06 AC	P	363,700	363,700

Construction Detail

Building # 1

STYLE Other Municip
MODEL Commercial
Grade Below Average
Stories: 1
Occupancy 1
Exterior Wall 1 Brick/Masonry
Roof Structure Flat
Roof Cover Tar & Gravel
Interior Wall 1 Minim/Masonry
Interior Floor 1 Carpet
Interior Floor 2 Vinyl/Asphalt
Heating Fuel Oil
Heating Type Baseboard- H/W
AC Type None
Bldg Use MUNICIPAL MDL-94
Total Bedrms 00
Total Baths 9
1st Floor Use: 904C
Heat/AC NONE
Frame Type MASONRY
Baths/Plumbing AVERAGE
Ceiling/Wall CEIL & WALLS
Rooms/Prtns AVERAGE
Wall Height 10
% Comn Wall 0

Building Valuation

Living Area: 32,252 square feet
Year Built: 1920
Depreciation: 45%
Building Value: 853,200

Extra Features

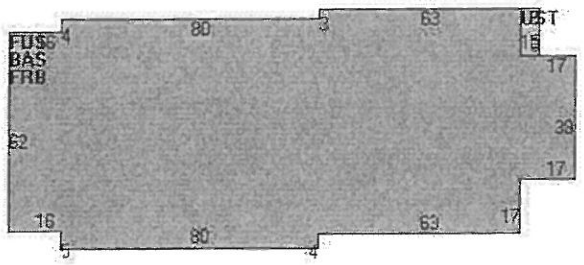
Code	Description	Units	Appraised Value
SPR1	SPRINKLERS-WET	29907 S.F.	16400

Outbuildings

Code	Description	Units	Appraised Value
PAV1	PAVING-ASPHALT	5144 S.F.	5100
FN1	FENCE-4' CHAIN	270 L.F.	1100

PAV1	PAVING-ASPHALT	9800 S.F.	9800

Building Sketch



Subarea Summary

Code	Description	Gross Area	Living Area
BAS	First Floor	11728	11728
FRB	Fin. Raised Bsmt	11728	9382
FUS	Upper Story, Finished	11728	11142
UST	Utility, Storage, Unfinished	90	0

116

I hereby certify that at a meeting of the trustees of the Washington Academy held on Thursday, November 8, 1951 at 8:00 p.m. in the town hall of North Kingstown, Rhode Island, the following trustees, Henry Newcombe, Howard Gardner, and Alden H. Wilson, being present, constituted a quorum. A motion was made, seconded, and voted upon confirmatively that the trustees of the Washington Academy deed to the Town of North Kingstown for the sum of one dollar land formerly owned by the trustees of the Washington Academy on what is now Phillips Street in the Town of North Kingstown.

Alden H. Wilson
ALDEN H. WILSON
Secretary - Treasurer
Trustees of the
Washington Academy

November 13, 1951

Town of North Kingstown, R. I.
Received for Record Nov. 13, 1951
at 5 o'clock P M and recorded
in Book No. 99 Page 116 of the
Records of Land Evidence of the Town of
North Kingstown.
Witness Harold L. Cheney
Town Clerk

STATUTORY FORM OF QUIT CLAIM DEED

We, [redacted], Howard L. Gardiner, Henry S. Newcomb, and Allen H. Wilson [redacted] a corporation of the Trustees of the Washington Academy in North Kingstown, in the County of Washington and State of Rhode-Island and Providence Plantations in America, a corporation duly organized by act of the General Assembly of the State of Rhode Island passed at its June Session A. D. 1800 for consideration paid, grant to the Town of North Kingstown, a municipal corporation constituted by and under the laws of the State of Rhode Island with QUIT CLAIM COVENANTS

That certain tract or parcel of land together with all buildings and improvements situated thereon located on the northerly side of Phillips Street, a public highway, so-called, in the Village of Wickford in the Town of North Kingstown, County of Washington, State of Rhode Island and bounded and described as follows:

Commencing at the southeast corner of the land herein conveyed making an interior angle of 65° with the northerly boundary line of Phillips Street, a public highway so-called; thence running in a generally northwesterly direction for a distance of one hundred eighty (180') feet, more or less, to the high water mark of Academy Cove, so-called, being bounded northeasterly by a drift way; thence turning an interior angle and running in a general westerly and northwesterly direction along the high water mark of said Academy Cove for a distance of three hundred sixty-two (362') feet, more or less, to a point, being bounded northerly and northeasterly by said Academy Cove; thence running in a general northwesterly direction for a distance of two hundred forty (240') feet, more or less, to a point, being bounded northeasterly by land now or formerly of the Estate of Sarah A. Hainsworth; thence turning an interior angle of 79° and running in a general southwesterly direction for a distance of two hundred fourteen and 10/100 (214.10') feet, more or less, to a point, being bounded northwesterly by land now or formerly of the Estate of Sarah A. Hainsworth and land now or formerly of the Estate of George C. Cranston; thence turning an interior angle of 99° 09' and running in a general southeasterly direction for a distance of one hundred sixteen and 95/100 (116.95') feet, more or less, to a point, being bounded southwesterly by land now or formerly of the Estate of George C. Cranston; thence turning an interior angle of 229° 13' and running in a general southerly direction for a

distance of two hundred thirty-one (231') feet, more or less, to a point, being bounded westerly by land now or formerly of the Estate of George C. Cranston; thence turning an interior angle of 100° 20' and running in a general easterly direction for a distance of one hundred seventy-two and 20/100 (172.20') feet, more or less, to a point, being bounded southerly by Phillips Street, a public highway, so-called; thence turning an interior angle of 181° and running in a general easterly direction for a distance of one hundred thirty-three and 30/100 (133.30') feet, more or less, to a point, being bounded southerly by said Phillips Street; thence turning an interior angle of 177° 52' and running in a general easterly direction for a distance of sixty and 50/100 (60.50') feet, more or less, to a point, being bounded southerly by said Phillips Street; thence turning an interior angle of 174° 30' and running in a general easterly direction for a distance of eighty-six and 65/100 (86.65') feet, more or less, to a point, being bounded southerly by said Phillips Street; thence turning an interior angle of 176° 59' and running in a general easterly direction for a distance of one hundred thirty and 90/100 (130.90') feet, more or less, to the place or point of beginning, being bounded southerly by said Phillips Street.

Reference is hereby had and made for a more particular description of the premises hereinconveyed to a certain plat attached hereto and made a part hereof entitled, "Plat of North Kingstown High School Grounds North Kingstown, R. I. Scale 1" = 50' April 15, 1931 Wm. T. Tefft, Engineer Reproduced Sept. 2, 1947 by E. Newman".

Being the same premises conveyed by John Franklin and Hannah Franklin, his wife, and Nicholas Spink and Anna Spink, his wife, to the Trustees of Washington Academy by deed dated September 17, 1800 and recorded in the Land Evidence Records in L. E. R. Book 10-B at page 52 and being the same premises leased by the Trustees of Washington Academy to School District No. 4 of North Kingstown by entry of lease dated August 28, 1848 and recorded in the Land Evidence Records of said Town of North Kingstown in Book 31 at page 476.

IN WITNESS WHEREOF, we the said Trustees of the Washington Academy in North Kingstown, in the County of Washington and State of Rhode-Island and Providence Plantations in America, [redacted], Howard L. Gardiner, Henry S. Newcomb, Alden R. Wilson [redacted], hereunto duly authorized by vote of said Trustees at their special meeting held on the 8th day of November A. D. 1951 have hereunto set our hands and seal on this 8th day of November A. D. 1951.

Howard L. Gardiner

Henry S. Newcomb

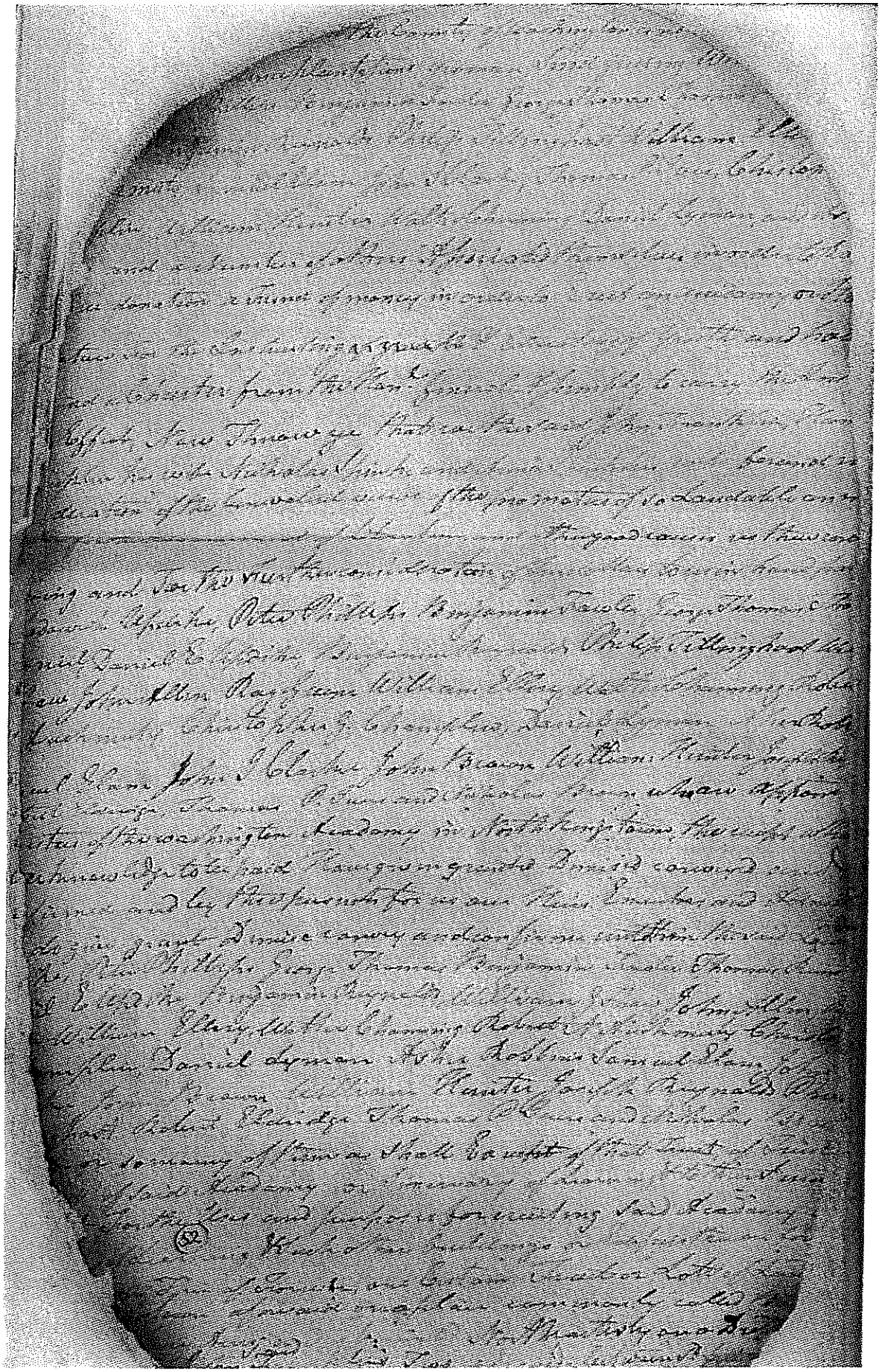
Alden T. Wilson

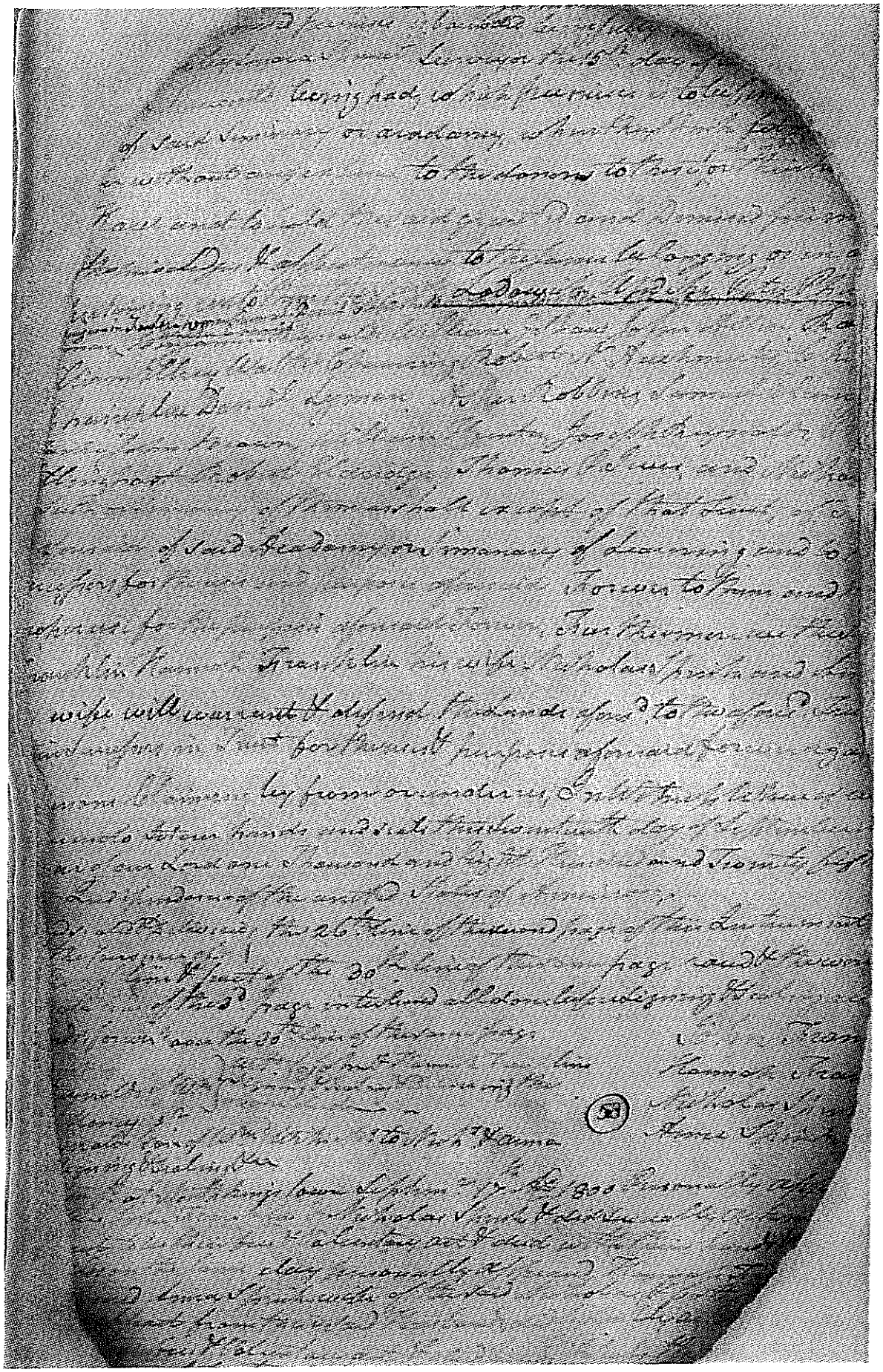
STATE OF RHODE ISLAND

WASHINGTON, Sc.

In North Kingstown on the 8th day of November 1951 before me personally appeared [redacted], Howard L. Gardiner, Henry S. Newcomb, Alden T. Wilson [redacted], Trustees of the Washington Academy in North Kingstown, in the County of Washington and State of Rhode-Island and Providence Plantations in America, to me known and known by me to be the parties executing the foregoing instrument and they acknowledged said instrument, by them executed, to be their free act and deed and the free act and deed of the Trustees of Washington Academy.

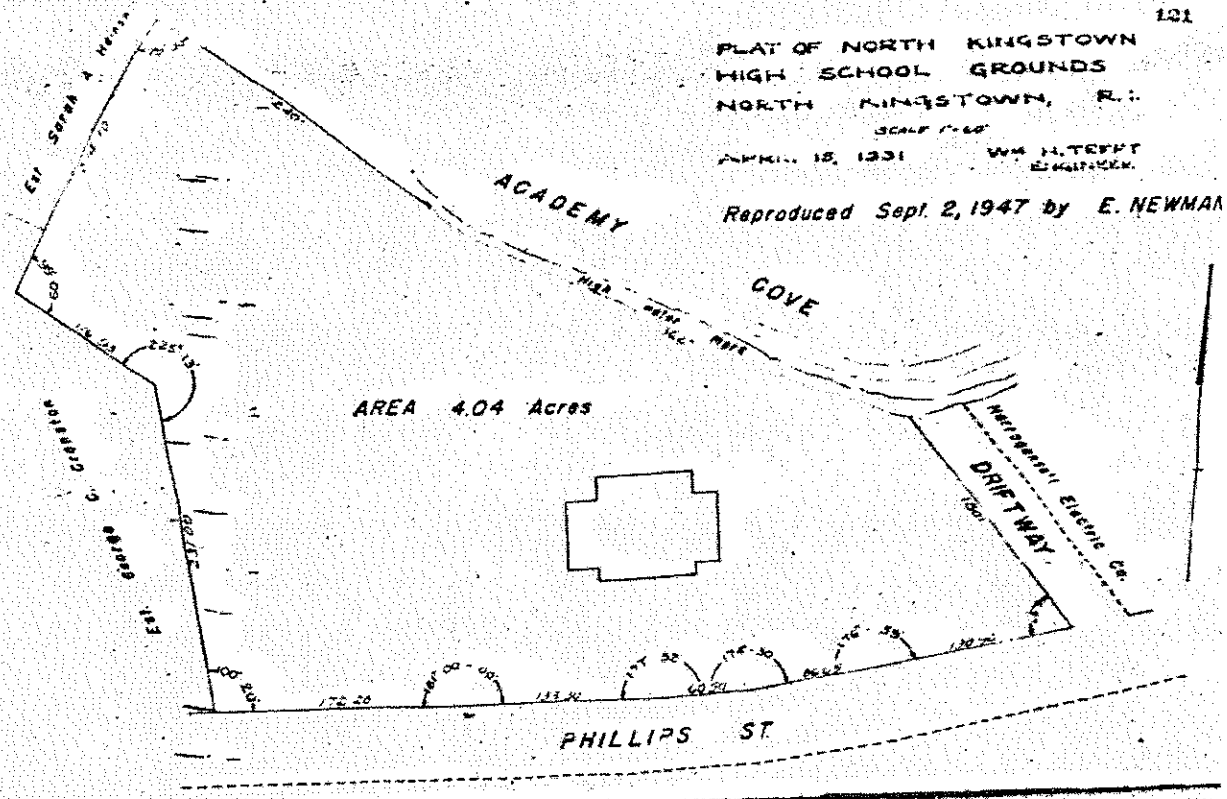
Notary Public



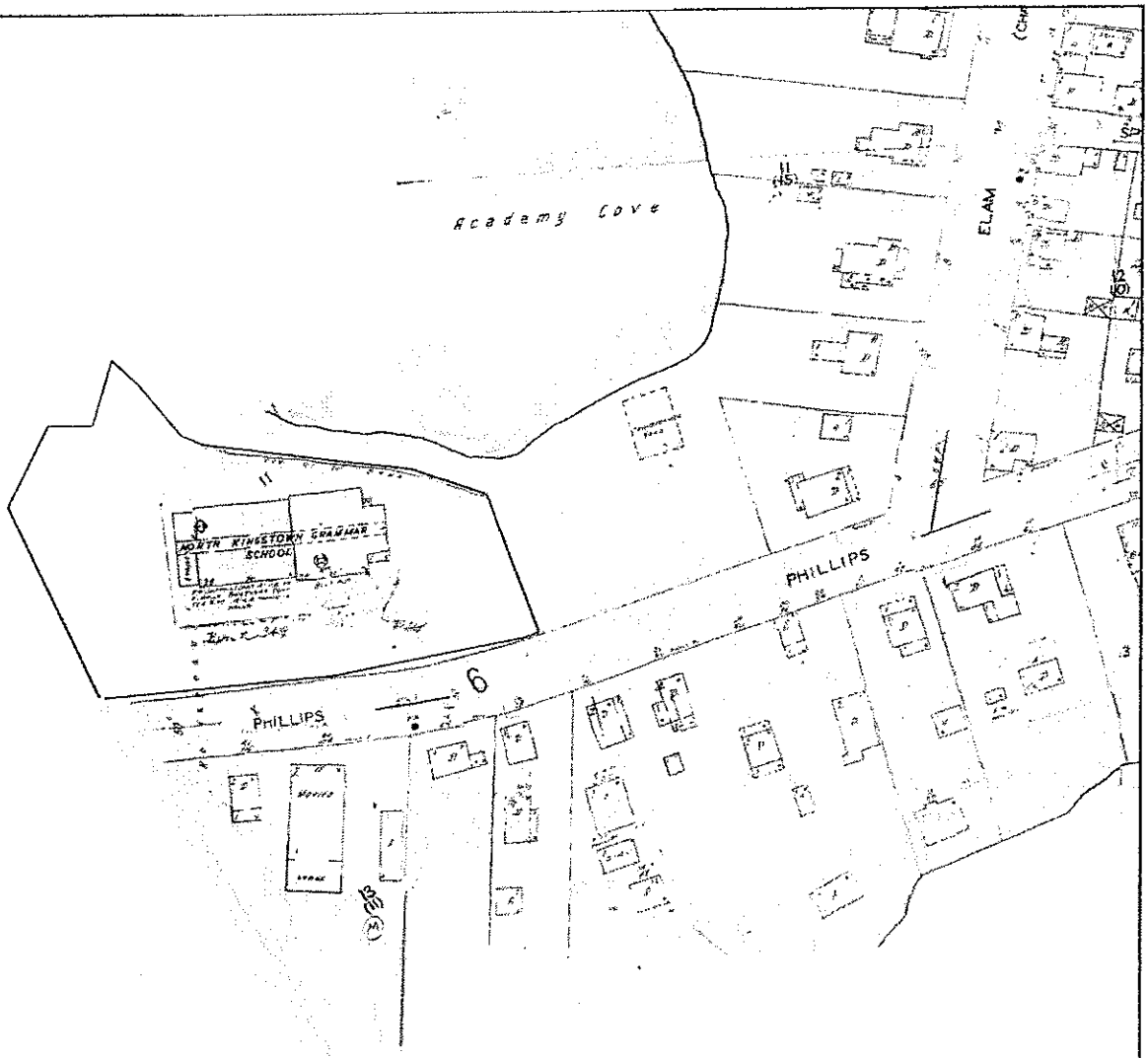


PLAT OF NORTH KINGSTOWN
HIGH SCHOOL GROUNDS
NORTH KINGSTOWN, R.I.
SCALE 1"=60'
APRIL 15, 1931 WM. H. TEFFT ENGINEER.

Reproduced Sept. 2, 1947 by E. NEWMAN



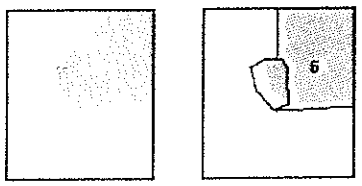
1960 Certified Sanborn Map



Certification # B05B-4C42-ABDB

Site Name: 84 & 90 Phillips Street
Address: 84 & 90 Phillips Street
City, ST, ZIP: North Kingstown RI 02852
Client: Lake Shore Environmental, Inc.
EDR Inquiry: 3522420.2
Order Date: 2/19/2013 9:11:04 AM
Certification #: B05B-4C42-ABDB
Copyright: 1960

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.

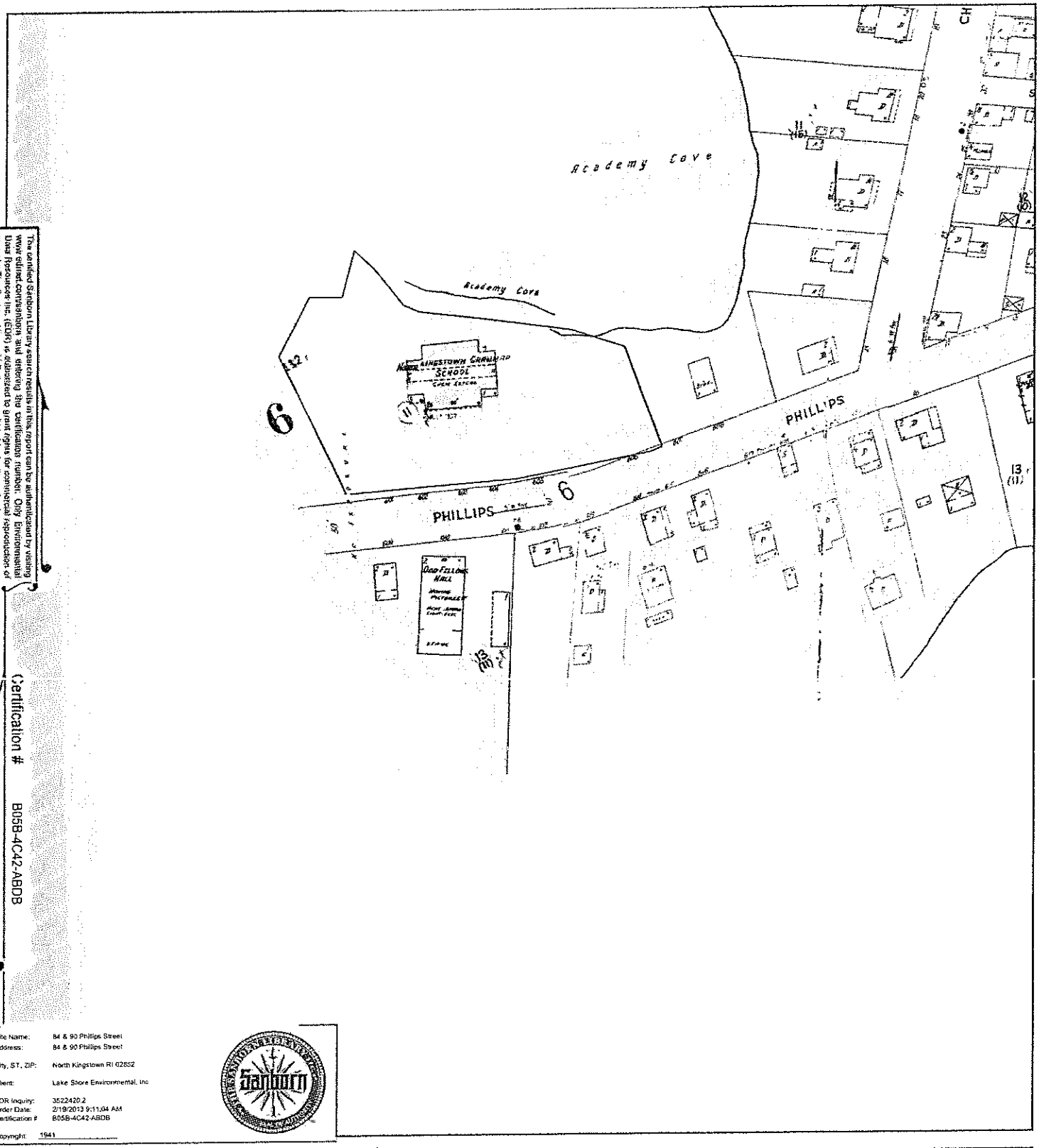


Volume 1, Sheet 6

0 Feet 150 300 600

N

1941 Certified Sanborn Map



Certification # B05B-4C42-ABDB

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Address:	84 & 90 Phillips Street
City, ST, ZIP:	North Kingstown RI 02852
Client:	Lake Shore Environmental, Inc
EDR Inquiry:	3522420.2
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Copyright:	1941

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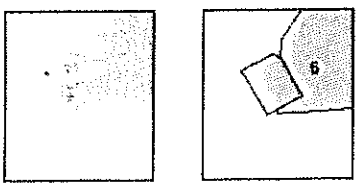

Volume 1, Sheet 6

0 Feet 150 300 600

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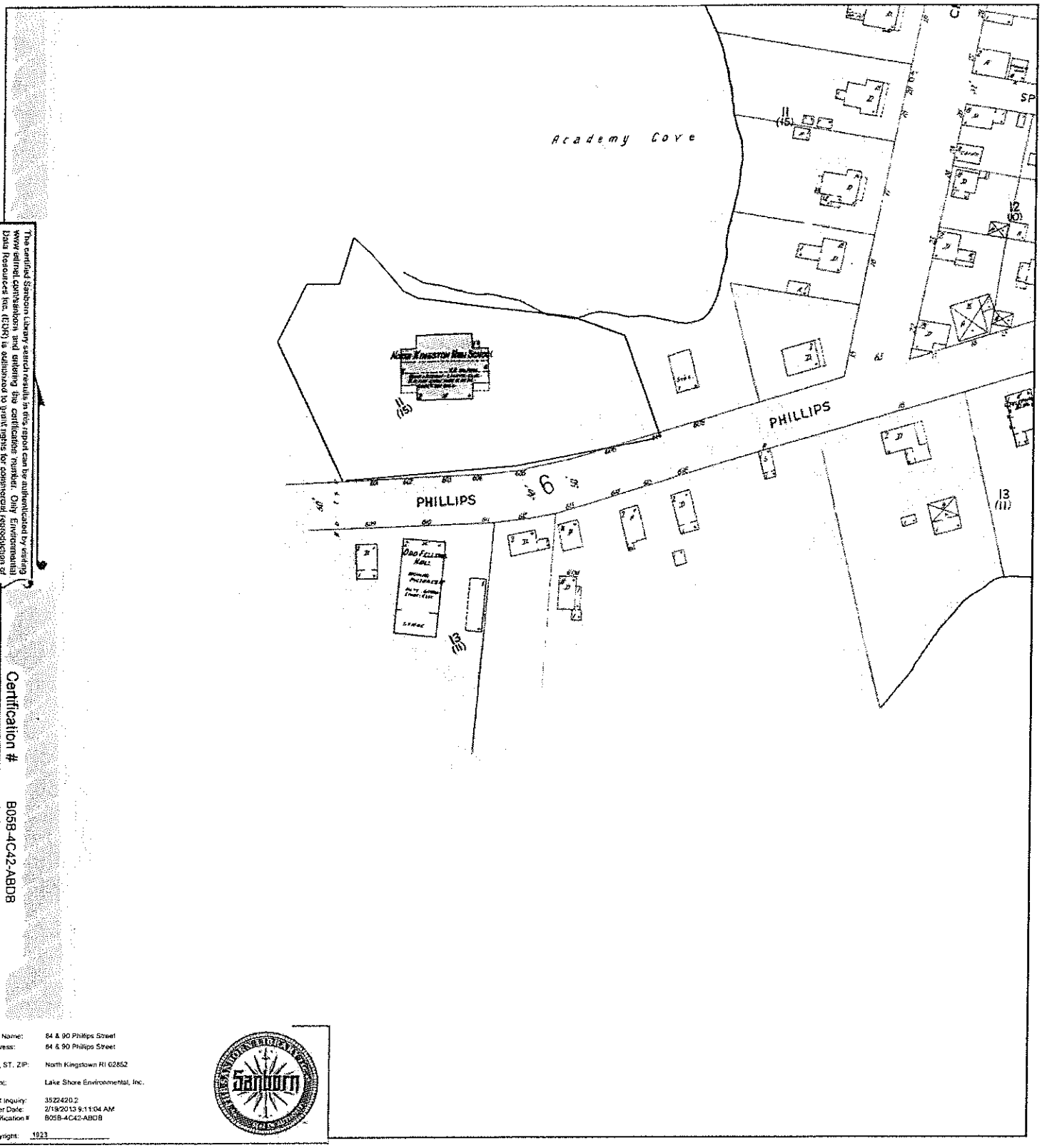
1923 Certified Sanborn Map



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Certification # B05B-4C42-ABDB

Site Name: 84 & 90 Phillips Street
Address: 84 & 90 Phillips Street
City, ST, ZIP: North Kingstown RI 02852
Client: Lake Shore Environmental, Inc.
EDR Inquiry: 3522420.2
Order Date: 2/19/2013 9:11:04 AM
Certification #: B05B-4C42-ABDB
Copyright: 1923

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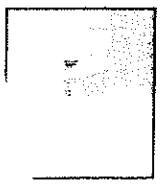
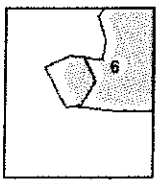
Outlined areas indicate map sheets within the collection.





Volume 1, Sheet 6

0 Feet 150 300 600

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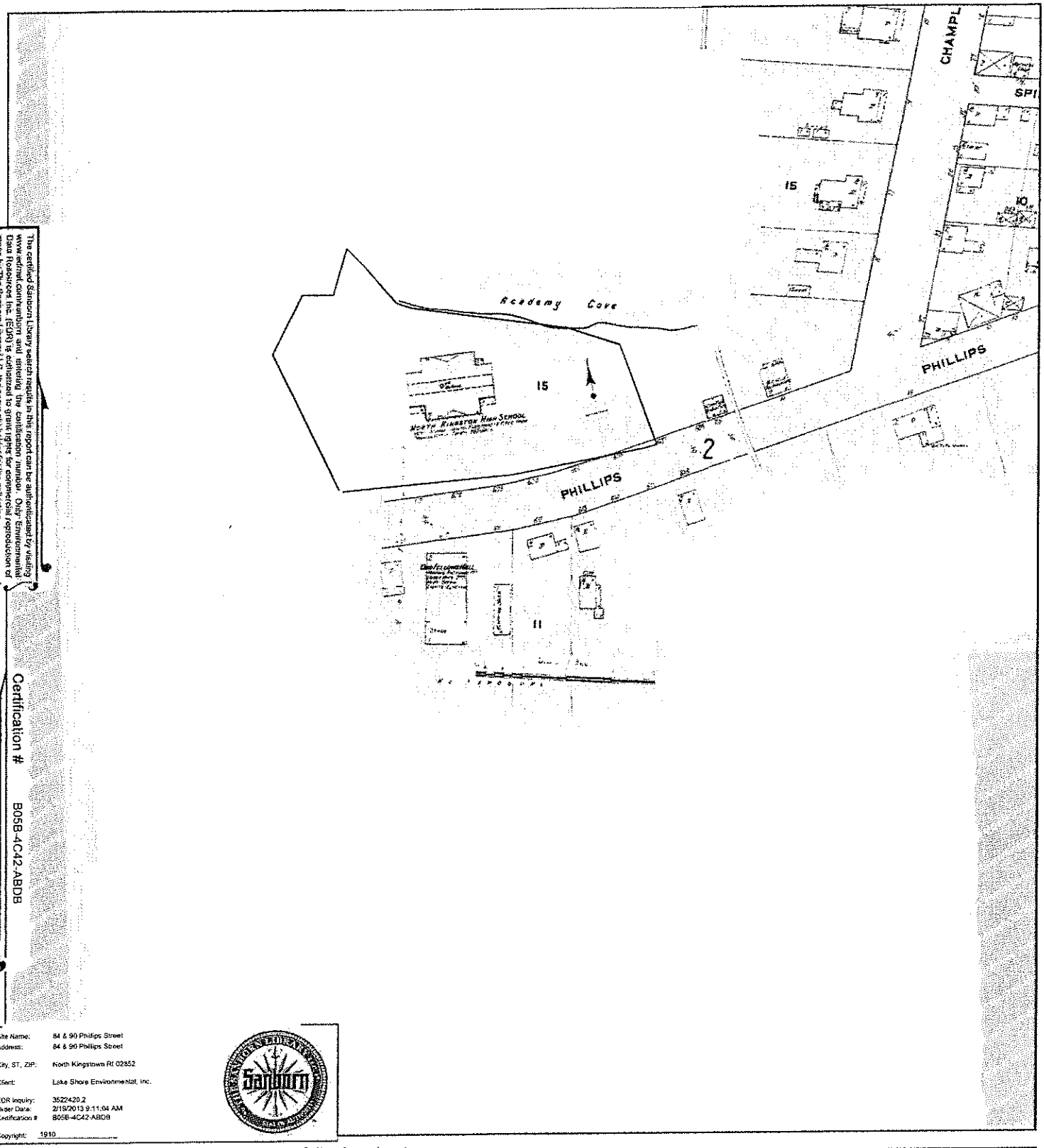
1910 Certified Sanborn Map



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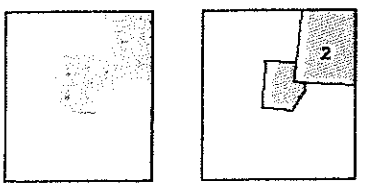
Certification # B05B-4C42-ABDB

Site Name:	84 & 90 Phillips Street
Address:	84 & 90 Phillips Street
City, ST, ZIP:	North Kingstown RI 02852
Client:	Lake Shore Environmental, Inc.
EDR Inquiry:	3522420.2
Order Date:	2/19/2013 9:11:04 AM
Certification #	B05B-4C42-ABDB
Copyright:	1910

This Certified Sanborn Map combines the following sheets.
Outlined areas indicate map sheets within the collection.



Volume 1, Sheet 2

0 Feet 150 300 600

N

Leave permit at school please

MECHANICAL PERMIT APPLICATION

CA EC 4

MUNICIPALITY North Kingstown APPLICATION DATE 8/11/83 PERMIT NO. 83B1771

NUMERICAL CODE 23 CENSUS TRACT 503 FEE RECEIVED: $ 50.00 BY beh

1. STREET LOCATION 99 Phillips Street No. of Stories 3

2. PLAT 116 3. LOT 109 4. FILE 5. MATERIAL OF STRUCTURE IS Brick

6. USE OF STRUCTURE: PREVIOUS School PROPOSED

7. RATING OF BOILER OR FURNACE 2 50 HP Boiler Drawings submitted Yes X No

8. Check one: Construct X Install X Replace Reconstruct 10. Estimated Cost of Labor and Material: $ 10,000.00

9. Floor location of equipment X Cellar 1st Flr. 2nd Flr. 3rd Flr. Other New Oil tank

11. CAPACITY OF STORAGE TANK 6000 gallon EXISTING NEW X

12. OWNER NK School Department ADDRESS 150 Fairway TEL. NO.

13. CONTRACTOR R. I. Sanders Inc ADDRESS PO 4796 Rumford, R. I. TEL. NO. 434-7890

14. ARCH. OR ENG. R. N. Zaino & Assoc ADDRESS Cranston St Cranston TEL. NO.

15. STAMPED PRINTS YES X NO 16. ARCH. OR ENG. REG. NO. 7847 17. CONTRACTOR'S LIC. NO. 7597

18. DESCRIPTION OF WORK TO BE PERFORMED

Renovation of heating system New oil tank and Oil burners.

Installation for Incinerators w/ or w/o Air Pollution Control, Swirling Chambers, Scrubber Afterburner...	Boiler Installations, 200,000 BTU or more, or for Dwellings of 6 Units or More	Elevators, Dumbwaiters, Escalators, Moving Walks, and certain other Conveyances
This Application to Install or Renovate the above must also be reviewed by: R.I. DEPT. OF HEALTH DIVISION OF AIR POLLUTION CONTROL Davis Street Providence, R.I. 02903	This Application to Install or Renovate the above must also be reviewed by R.I. DEPT. OF LABOR DIVISION OF OCCUPATIONAL SAFETY, BOILER UNIT 220 Elmwood Avenue Providence, R.I. 02907	This Application to Install or Renovate the above must also be reviewed by R.I. DEPT. OF LABOR DIVISION OF OCCUPATIONAL SAFETY, ELEVATOR UNIT 220 Elmwood Avenue Providence, R.I. 02907

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the owner of this building and the undersigned agree to conform to all applicable codes and ordinances of the municipality.

Tel. No. 434-7870 SIGNATURE OF APPLICANT

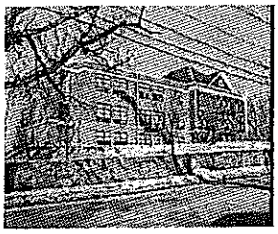
DO NOT WRITE BELOW THIS LINE MECHANICAL PERMIT

PERMIT GRANTED:

DATE 8/11/83

BY MECHANICAL INSPECTOR

Powered by Vision Government Solutions, Inc.



map/plat, block :	116/ 109/ / /
Location:	99 PHILLIPS ST
Owner Name:	N KINGSTOWN, TOWN OF
Account Number:	20663

Parcel Value

Item	Current Appraised Value	Current Assessed Value	FY 2013 Appraised Value	FY 2013 Assessed Value
Buildings	853,200	853,200	853,200	853,200
Xtra Bldg Features	16,400	16,400	16,400	16,400
Outbuildings	16,000	16,000	16,000	16,000
Land	363,700	363,700	363,700	363,700
Total:	**1,249,300**	**1,249,300**	**1,249,300**	**1,249,300**

Owner of Record

N KINGSTOWN, TOWN OF
80 BOSTON NECK RD
N KINGSTOWN, RI 02852

Ownership History

Owner Name	Book/Page	Sale Date	Sale Price
N KINGSTOWN, TOWN OF	99/ 117	11/8/1951	0
N KINGSTOWN SCHOOL	99/ 117	11/7/1951	0

Land Use

Land Use Code	Land Use Description
903C	MUNICIPAL MDL-94

Land Line Valuation

Size	Zone	Appraised Value	Assessed Value
6.06 AC	P	363,700	363,700

Construction Detail

Building # 1

STYLE Other Municip
Stories: 1
Roof Structure Flat
Interior Floor 1 Carpet
Heating Type Baseboard- H/W
Total Bedrms 00
Heat/AC NONE
Ceiling/Wall CEIL & WALLS
% Comn Wall 0

MODEL Commercial
Occupancy 1
Roof Cover Tar & Gravel
Interior Floor 2 Vinyl/Asphalt
AC Type None
Total Baths 9
Frame Type MASONRY
Rooms/Prtns AVERAGE

Grade Below Average
Exterior Wall 1 Brick/Masonry
Interior Wall 1 Minim/Masonry
Heating Fuel Oil
Bldg Use MUNICIPAL MDL-94
1st Floor Use: 904C
Baths/Plumbing AVERAGE
Wall Height 10

Building Valuation

Living Area: 32,252 square feet
Building Value: 853,200

Year Built: 1920

Depreciation: 45%

Extra Features

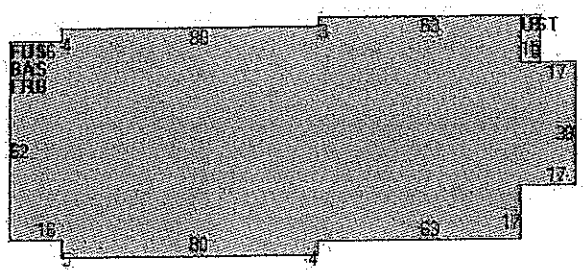
Code	Description	Units	Appraised Value
SPR1	SPRINKLERS-WET	29907 S.F.	16400

Outbuildings

Code	Description	Units	Appraised Value
PAV1	PAVING-ASPHALT	5144 S.F.	5100
FN1	FENCE-4' CHAIN	270 L.F.	1100

PAV1	PAVING-ASPHALT	9800 S.F.	9800

Building Sketch



Subarea Summary

Code	Description	Gross Area	Living Area
BAS	First Floor	11728	11728
FRB	Fin. Raised Bsmt	11728	9382
FUS	Upper Story, Finished	11728	11142
UST	Utility, Storage, Unfinished	90	0

#16

I hereby certify that at a meeting of the trustees of the Washington Academy held on Thursday, November 8, 1951 at 8:00 p.m. in the town hall of North Kingstown, Rhode Island, the following trustees, Henry Hawcombe, Howard Gardner, and Alden H. Wilson, being present, constituted a quorum. A motion was made, seconded, and voted upon confirmatively that the trustees of the Washington Academy deed to the Town of North Kingstown for the sum of one dollar land formerly owned by the trustees of the Washington Academy on what is now Phillips Street in the Town of North Kingstown.

Alden H. Wilson
ALDEN H. WILSON
Secretary - Treasurer
Trustees of the
Washington Academy

November 13, 1951

Town of North Kingstown, R. I.
Received for Record Nov 13, 1951
at 5 o'clock P M and recorded
in Book No. 99 Page 166 of the
Records of Land Evidence of the Town of
North Kingstown.
Witness Harold L. Crump
Town Clerk

STATUTORY FORM OF QUIT CLAIM DEED

We, [redacted], Howard L. Gardiner, Henry S. Newcomb, and Allen H. Wilson [redacted], a quorum of the Trustees of the Washington Academy in North Kingstown, in the County of Washington and State of Rhode-Island and Providence Plantations in America, a corporation duly organized by act of the General Assembly of the State of Rhode Island passed at its June Session A. D. 1800 for consideration paid, grant to the Town of North Kingstown, a municipal corporation constituted by and under the laws of the State of Rhode Island with QUIT CLAIM COVENANTS

That certain tract or parcel of land together with all buildings and improvements situated thereon located on the northerly side of Phillips Street, a public highway, so-called, in the Village of Wickford in the Town of North Kingstown, County of Washington, State of Rhode Island and bounded and described as follows:

Commencing at the southeast corner of the land herein conveyed making an interior angle of 65° with the northerly boundary line of Phillips Street, a public highway so-called; thence running in a generally northwesterly direction for a distance of one hundred eighty (180') feet, more or less, to the high water mark of Academy Cove, so-called, being bounded northeasterly by a drift way; thence turning an interior angle and running in a general westerly and northwesterly direction along the high water mark of said Academy Cove for a distance of three hundred sixty-two (362') feet, more or less, to a point, being bounded northerly and northeasterly by said Academy Cove; thence running in a general northwesterly direction for a distance of two hundred forty (240') feet, more or less, to a point, being bounded northeasterly by land now or formerly of the Estate of Sarah A. Wainsworth; thence turning an interior angle of 79° and running in a general southwesterly direction for a distance of two hundred fourteen and 10/100 (214.10') feet, more or less, to a point, being bounded northwesterly by land now or formerly of the Estate of Sarah A. Wainsworth and land now or formerly of the Estate of George C. Cranston; thence turning an interior angle of 99° 09' and running in a general southeasterly direction for a distance of one hundred sixteen and 95/100 (116.95) feet, more or less, to a point, being bounded southwesterly by land now or formerly of the Estate of George C. Cranston; thence turning an interior angle of 225° 13' and running in a general southerly direction for a

distance of two hundred thirty-one (231') feet, more or less, to a point, being bounded westerly by land now or formerly of the Estate of George C. Cranston; thence turning an interior angle of 100° 20' and running in a general easterly direction for a distance of one hundred seventy-two and 20/100 (172.20') feet, more or less, to a point, being bounded southerly by Phillips Street, a public highway, so-called; thence turning an interior angle of 181° and running in a general easterly direction for a distance of one hundred thirty-three and 30/100 (133.30') feet, more or less, to a point, being bounded southerly by said Phillips Street; thence turning an interior angle of 177° 52' and running in a general easterly direction for a distance of sixty and 50/100 (60.50') feet, more or less, to a point, being bounded southerly by said Phillips Street; thence turning an interior angle of 174° 30' and running in a general easterly direction for a distance of eighty-six and 65/100 (86.65') feet, more or less, to a point, being bounded southerly by said Phillips Street; thence turning an interior angle of 176° 59' and running in a general easterly direction for a distance of one hundred thirty and 90/100 (130.90') feet, more or less, to the place or point of beginning, being bounded southerly by said Phillips Street.

Reference is hereby had and made for a more particular description of the premises hereinconveyed to a certain plat attached hereto and made a part hereof entitled, "Plat of North Kingstown High School Grounds North Kingstown, R. I. Scale 1" = 60' April 15, 1931 Wm. H. Tefft, Engineer Reproduced Sept. 2, 1947 by E. Newman".

Being the same premises conveyed by John Franklin and Hannah Franklin, his wife, and Nicholas Spink and Anna Spink, his wife, to the Trustees of Washington Academy by deed dated September 17, 1800 and recorded in the Land Evidence Records in L. E. R. Book 10-B at page 52 and being the same premises leased by the Trustees of Washington Academy to ... School District No. 4 of North Kingstown by entry of lease dated August 28, 1848 and recorded in the Land Evidence Records of said Town of North Kingstown in Book 31 at page 476.

IN WITNESS WHEREOF, we the said Trustees of the Washington Academy in North Kingstown, in the County of Washington and State of Rhode-Island and Providence Plantations in America, [redacted], Howard L. Gardiner, Henry S. Newcomb, Alden E. Wilson [redacted], hereunto duly authorized by vote of said Trustees at their special meeting held on the 8th day of November A. D. 1951 have hereunto set our hands and seal on this 8th day of November A. D. 1951.

Howard L. Gardiner

Henry S. Newcomb

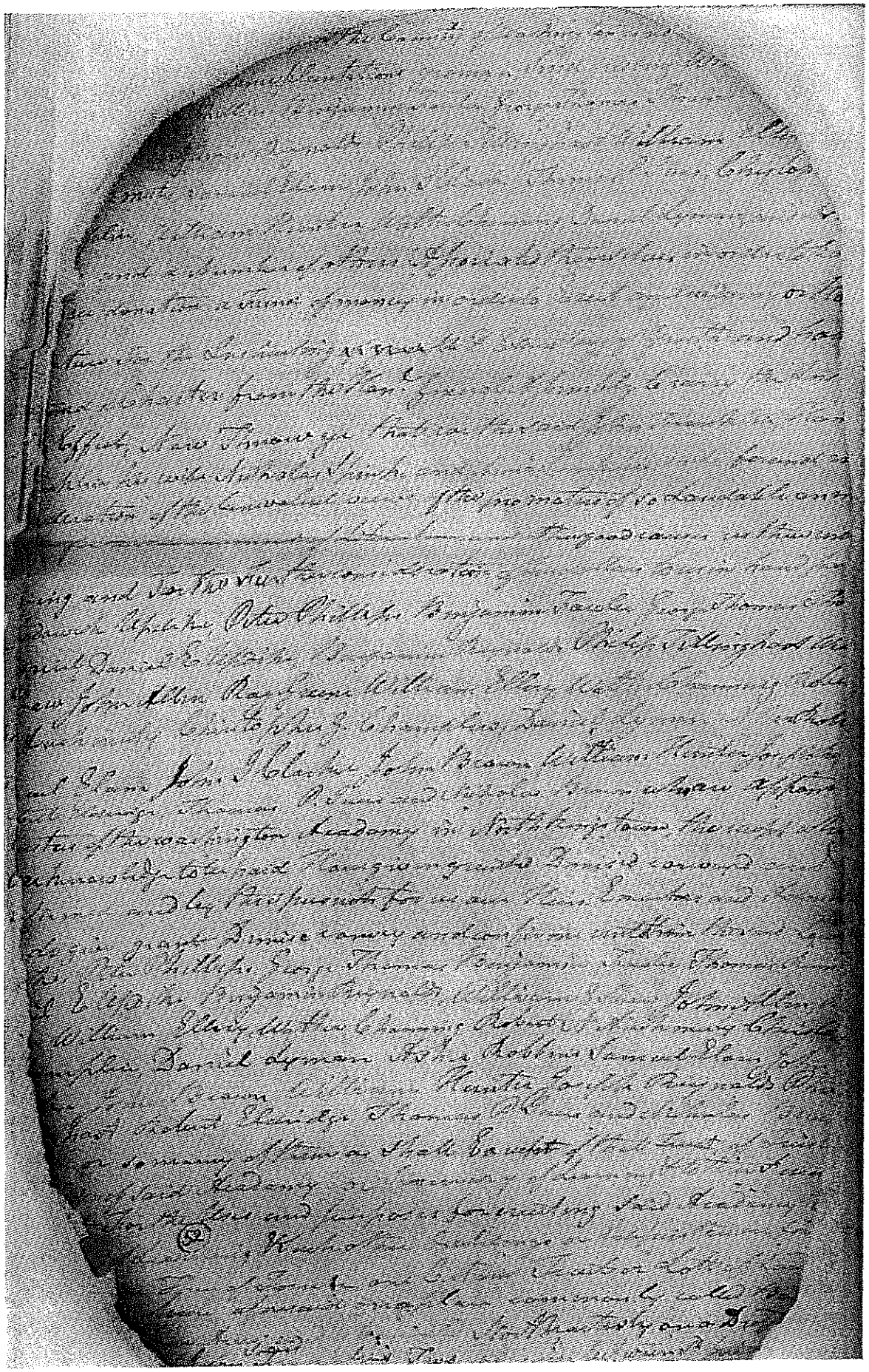
Alden T. Wilson

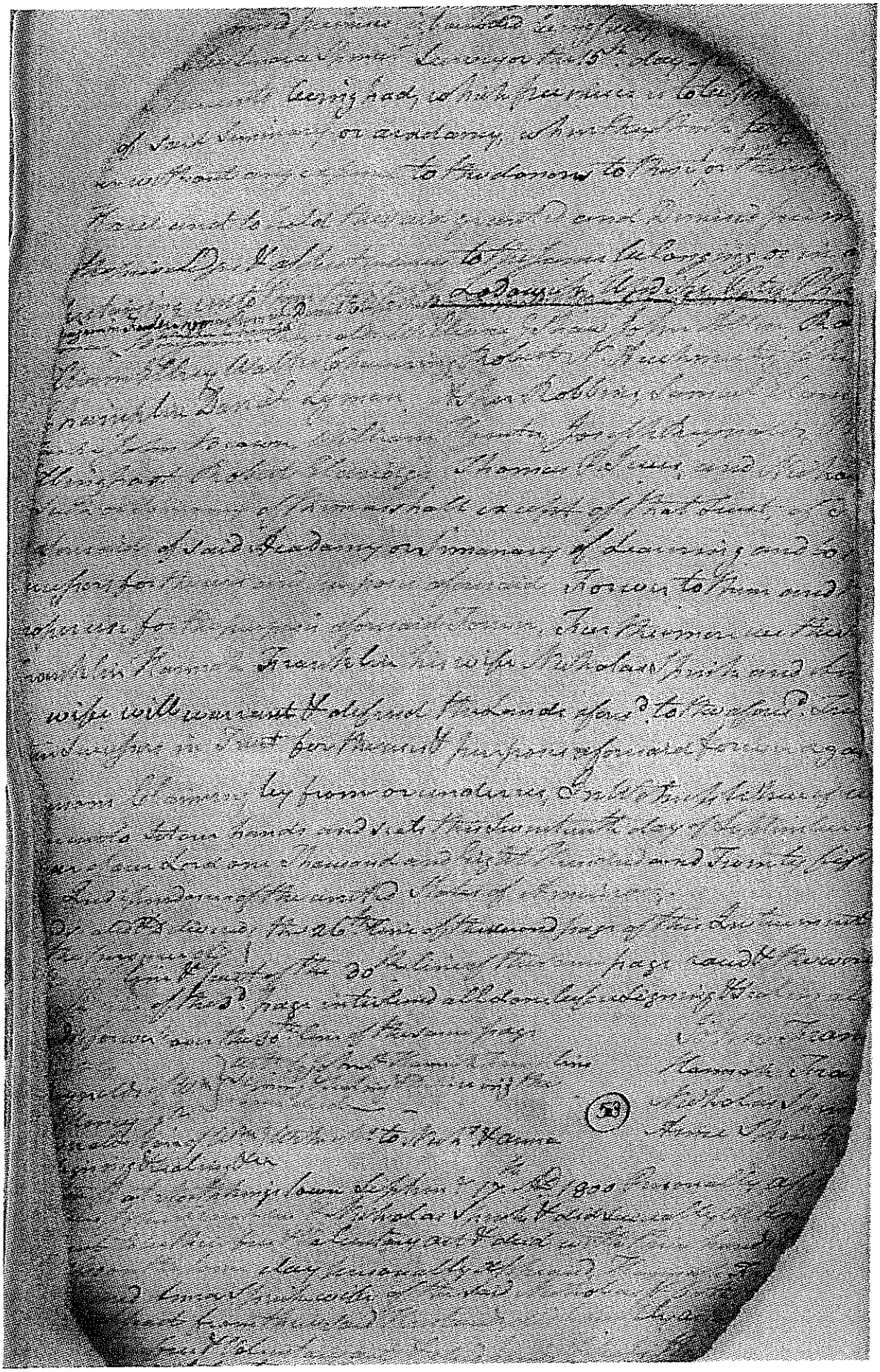
STATE OF RHODE ISLAND

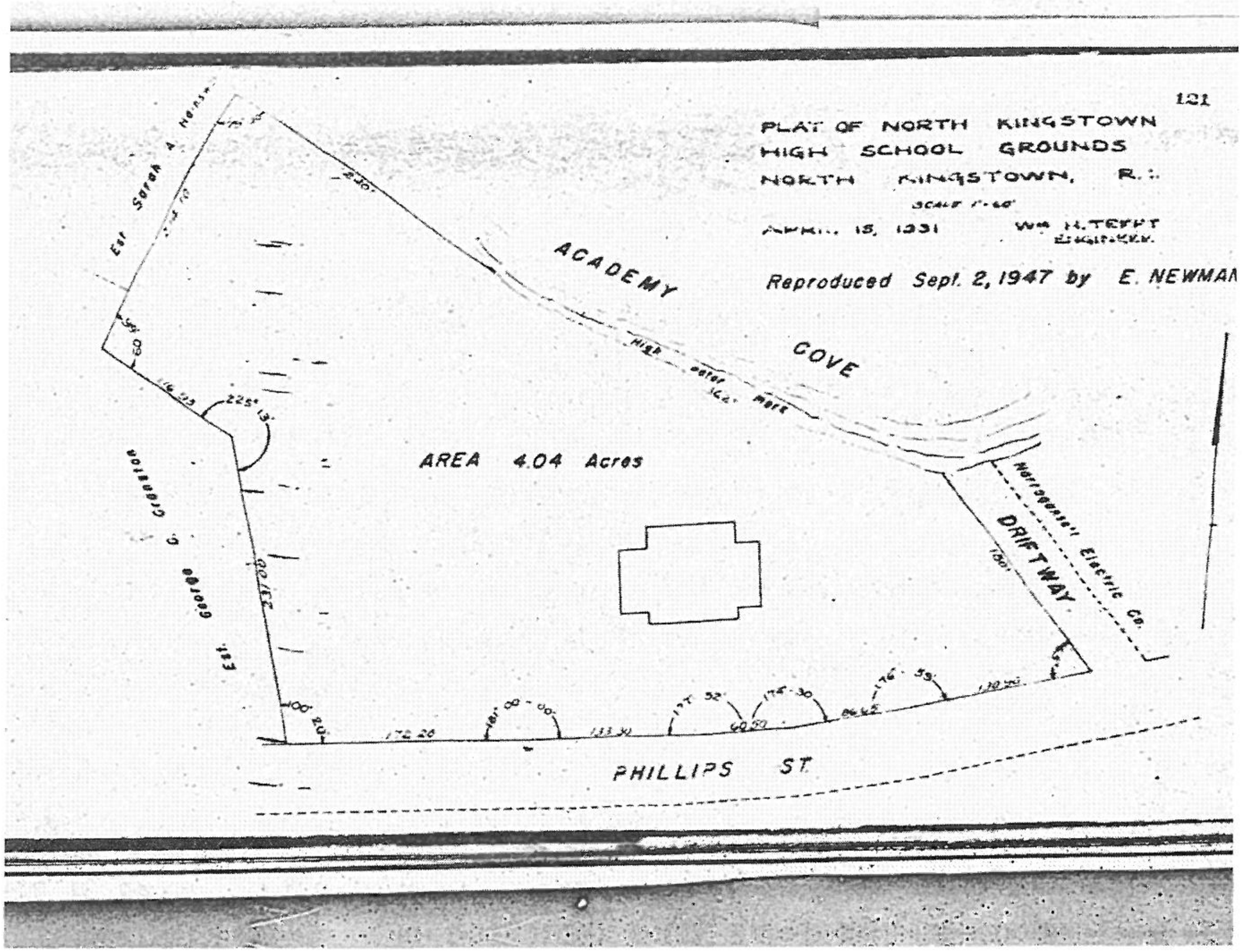
WASHINGTON, Sc.

In North Kingstown on the 8th day of November 1951 before me personally appeared [redacted], Howard L. Gardiner, Henry S. Newcomb, Alden T. Wilson [redacted], Trustees of the Washington Academy in North Kingstown, in the County of Washington and State of Rhode-Island and Providence Plantations in America, to me known and known by me to be the parties executing the foregoing instrument and they acknowledged said instrument, by them executed, to be their free act and deed and the free act and deed of the Trustees of Washington Academy.

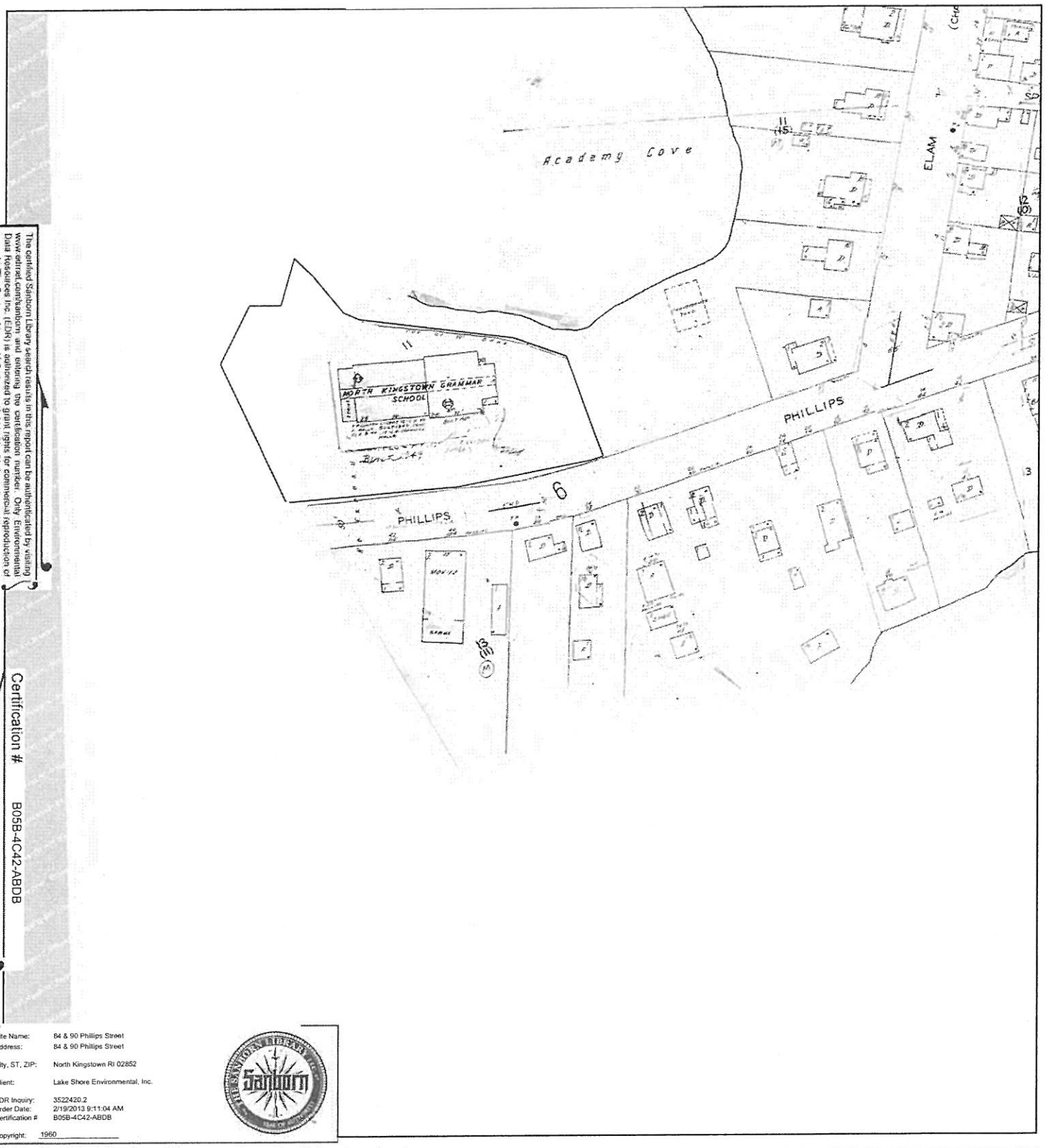
James A. Donnelly
Notary Public






121
PLAT OF NORTH KINGSTOWN
HIGH SCHOOL GROUNDS
NORTH KINGSTOWN, R.I.
Reproduced Sept. 2, 1947 by E. NEWMAN
ACADEMY
COVE
High water mark
AREA 4.04 Acres
DRIFTWAY
Narragansett Electric Co.
Est. George C. Cranston
225° 13'
PHILLIPS ST.

1960 Certified Sanborn Map



Certification # B05B-4C42-ABDB

Site Name:	84 & 90 Phillips Street
Address:	84 & 90 Phillips Street
City, ST, ZIP:	North Kingstown RI 02852
Client:	Lake Shore Environmental, Inc.
EDR Inquiry:	3522420.2
Order Date:	2/19/2013 9:11:04 AM
Certification #	B05B-4C42-ABDB
Copyright:	1960

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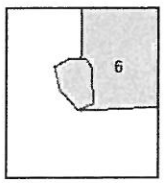

Volume 1, Sheet 6

0 Feet 150 300 600

N

1941 Certified Sanborn Map

Certification # B05B-4C42-ABDB

Site Name: 84 & 90 Phillips Street
Address: 84 & 90 Phillips Street
City, ST, ZIP: North Kingstown RI 02852
Client: Lake Shore Environmental, Inc.
EDR Inquiry: 3522420.2
Order Date: 2/19/2013 9:11:04 AM
Certification # B05B-4C42-ABDB
Copyright: 1941

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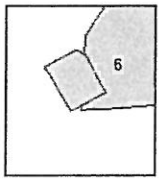

Volume 1, Sheet 6

0 Feet 150 300 600

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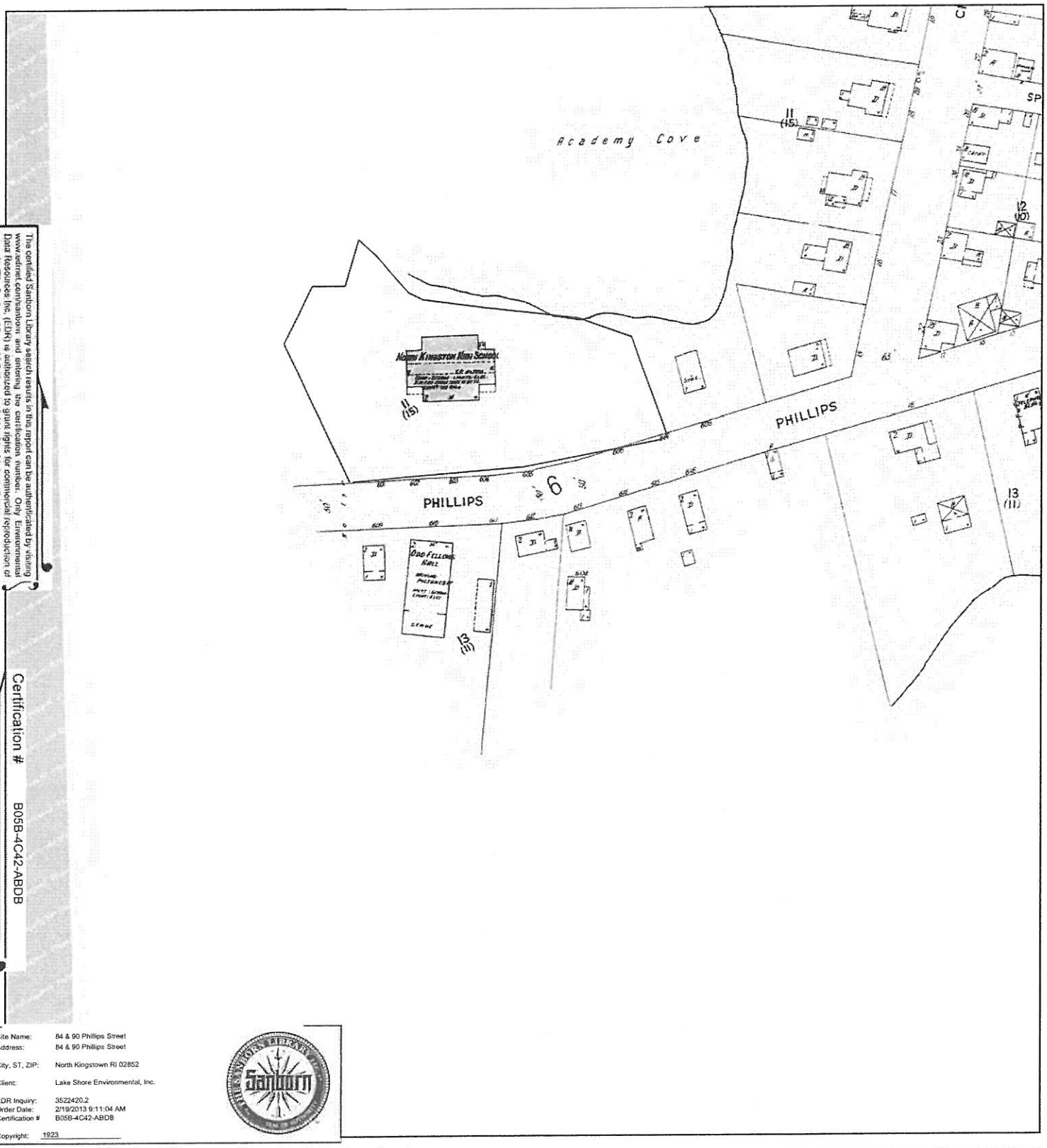
1923 Certified Sanborn Map



Certification # B05B-4C42-ABDB

Site Name: 84 & 90 Phillips Street
Address: 84 & 90 Phillips Street
City, ST, ZIP: North Kingstown RI 02852
Client: Lake Shore Environmental, Inc.
EDR Inquiry: 3522420.2
Order Date: 2/19/2013 9:11:04 AM
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Copyright: 1923

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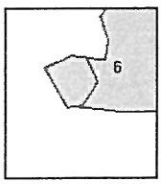

Volume 1, Sheet 6

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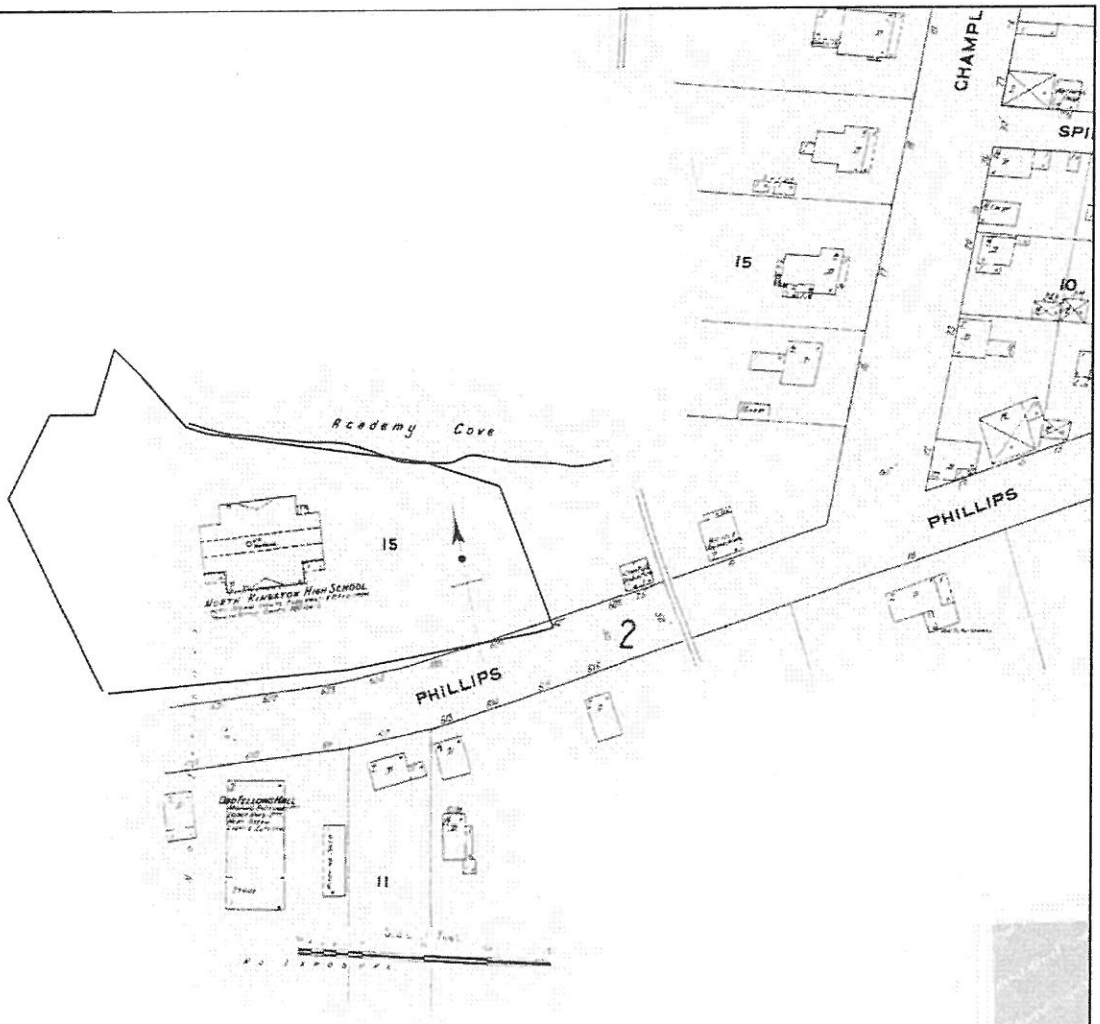
1910 Certified Sanborn Map



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Client: Lake Shore Environmental, Inc.
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Copyright: 1910

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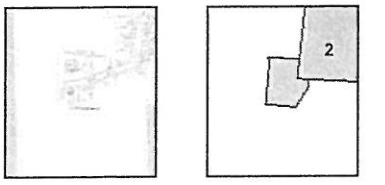

Volume 1, Sheet 2

0 Feet 150 300 600

N

Leave permit at school please

MECHANICAL PERMIT APPLICATION

CA BC-4

MUNICIPALITY North Kingstown APPLICATION DATE 8/11/83 PERMIT NO. 83B1771

NUMERICAL CODE 23 CENSUS TRACT 503 FEE RECEIVED: $ 50.00 BY beh

1. STREET LOCATION 99 Phillips Street No. of Stories 3

2. PLAT 116 3. LOT 109 4. FILE 5. MATERIAL OF STRUCTURE IS Brick

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15. STAMPED PRINTS YES X NO 16. ARCH. OR ENG. REG. NO. 7847 17. CONTRACTOR'S LIC. NO. 2527

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Renovation of heating system New oil tank and Oil burners.

Installation for: Incinerators w/ or w/o Air Pollution Control, Settling Chambers, Scrubber Afterburner

This Application to Install or Renovate the above must also be reviewed by:

R.I. DEPT. OF HEALTH
DIVISION OF AIR
POLLUTION CONTROL
Davis Street
Providence, R.I. 02903

Boiler Installations, 200,000 BTU or more, or for Dwellings of 6 Units or More

This Application to Install or Renovate the must also be reviewed by: Papers will be mailed

R.I. DEPT. OF LABOR
DIVISION OF OCCUPATIONAL SAFETY, BOILER UNIT
220 Elmwood Avenue
Providence, R.I. 02907

Elevators, Dumbwaiters, Conveyors, Stairs, and certain other

This Application to Install or Renovate the above must also be reviewed by:

R.I. DEPT. OF LABOR
DIVISION OF OCCUPATIONAL SAFETY, ELEVATOR UNIT
220 Elmwood Avenue
Providence, R.I. 02907

I hereby certify that I have the authority to make the foregoing application, that the application is correct, and that the owner of this building and the undersigned agree to conform to all applicable codes and ordinances of the municipality.

Tel. No. 434-7870 Jeffrey R. Sanders
SIGNATURE OF APPLICANT

DO NOT WRITE BELOW THIS LINE MECHANICAL PERMIT

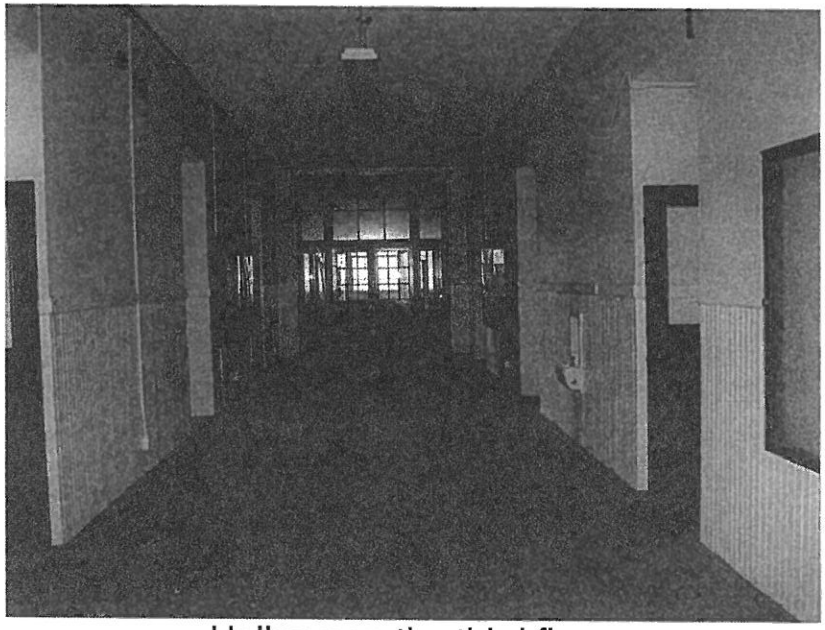
PERMIT GRANTED:

DATE 8/12/83

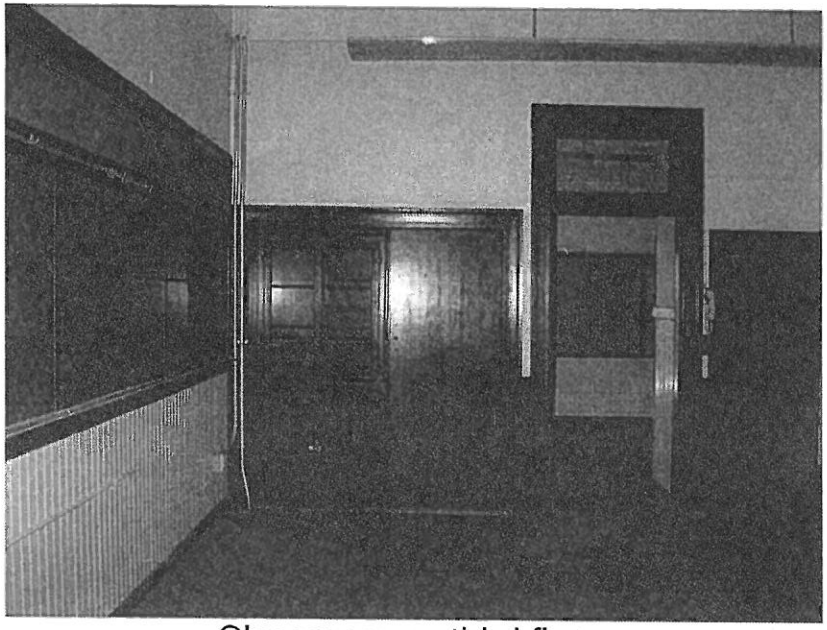
BY
MECHANICAL INSPECTOR

APPENDIX D

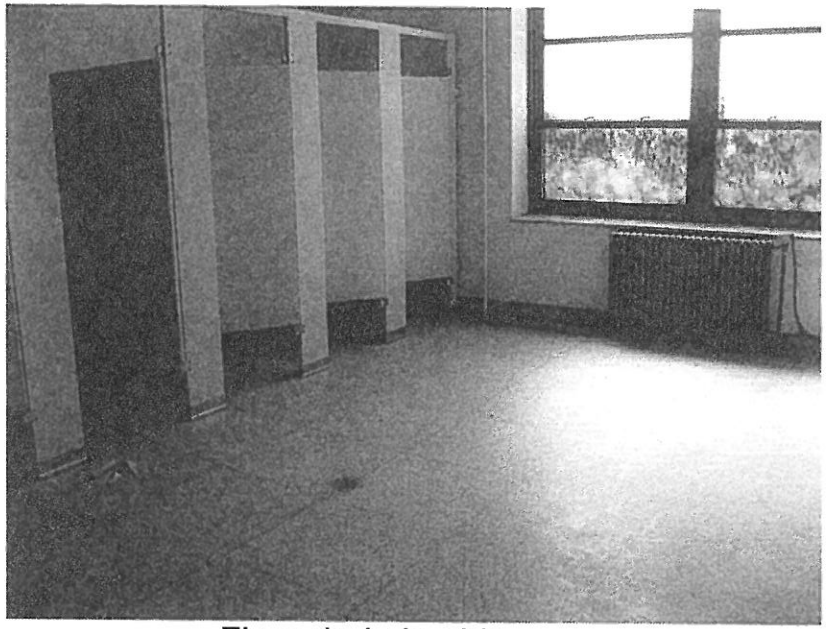
SITE PHOTOGRAPHS



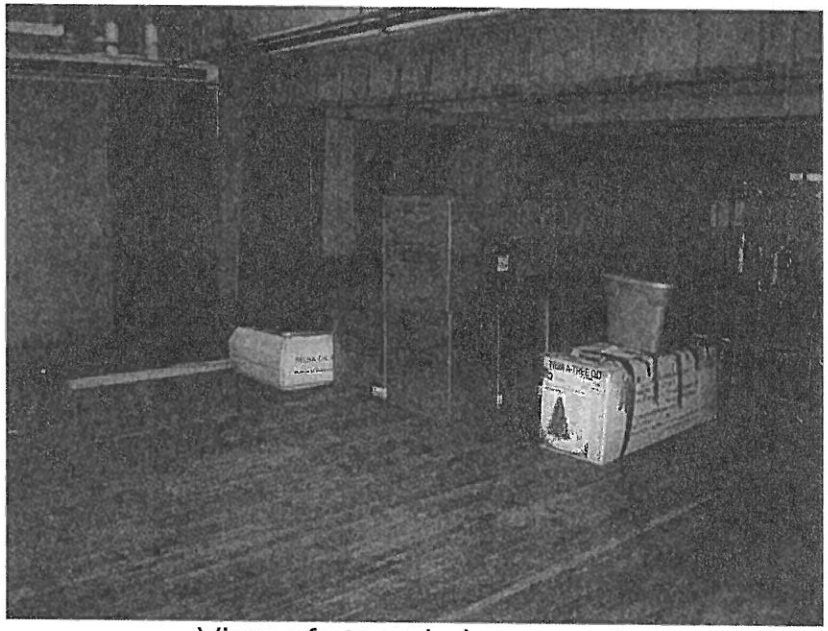
Hallway on the third floor.



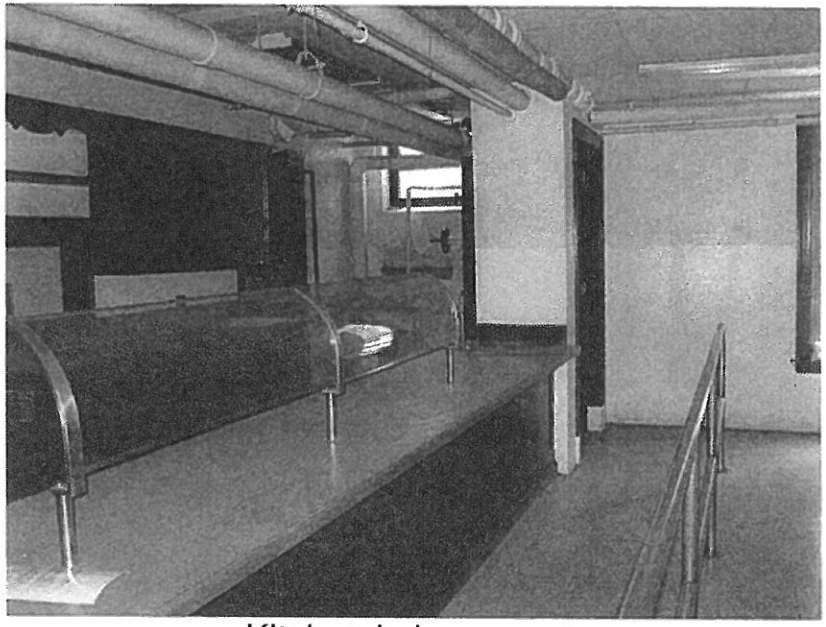
Classroom on third floor.



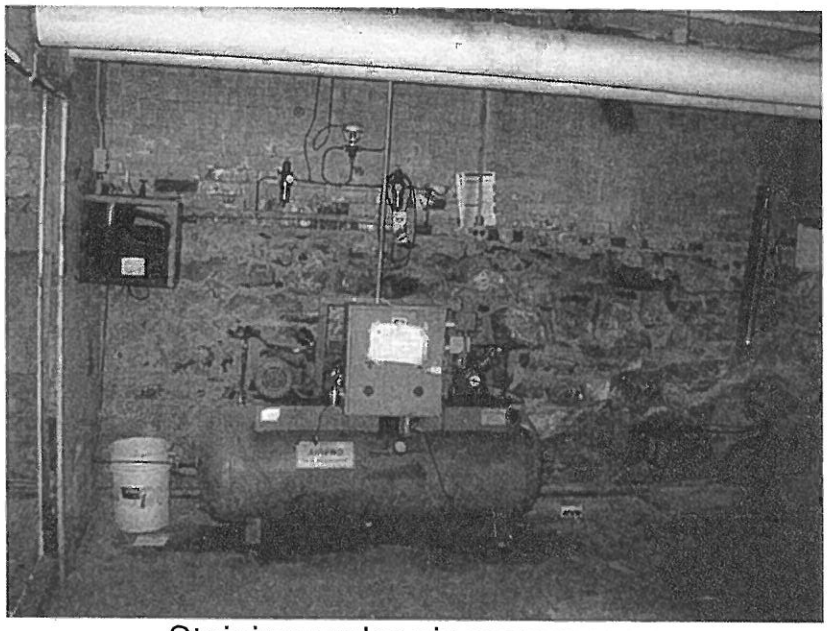
Floor drain in girls room.



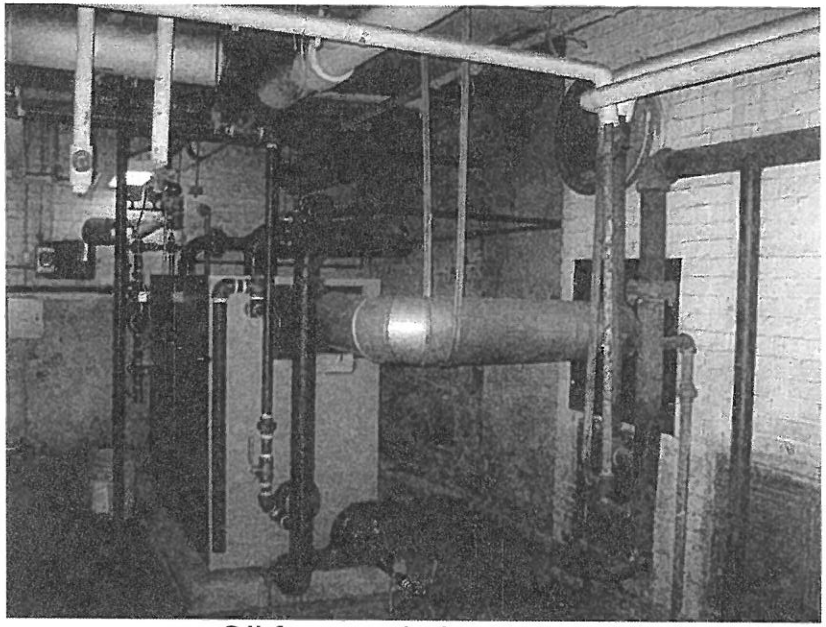
View of stage in basement.



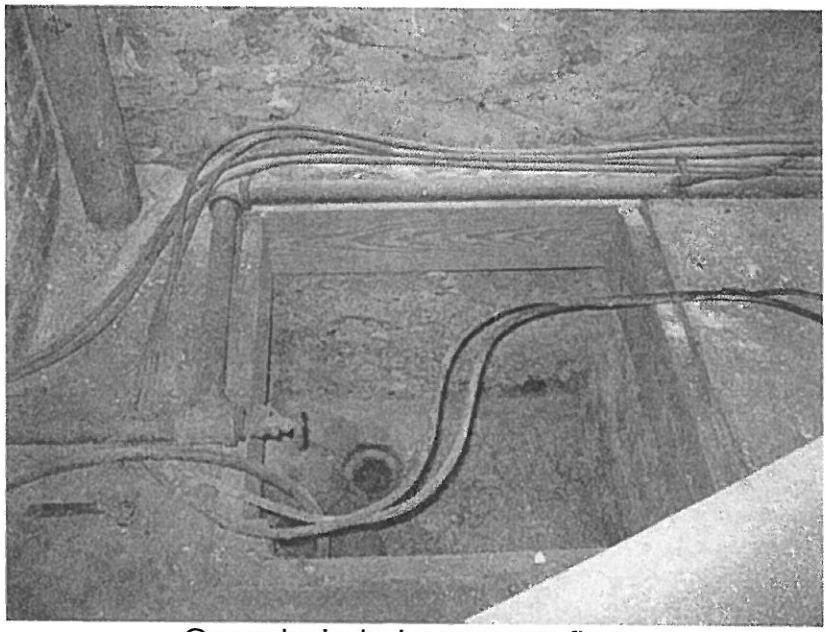
Kitchen in basement.



Staining under air compressor.

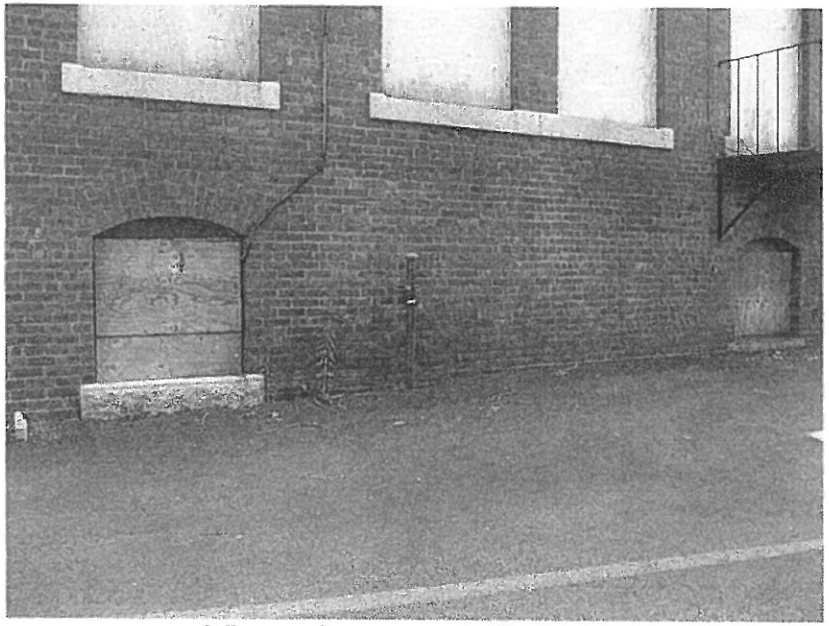


Oil furnace in basement.

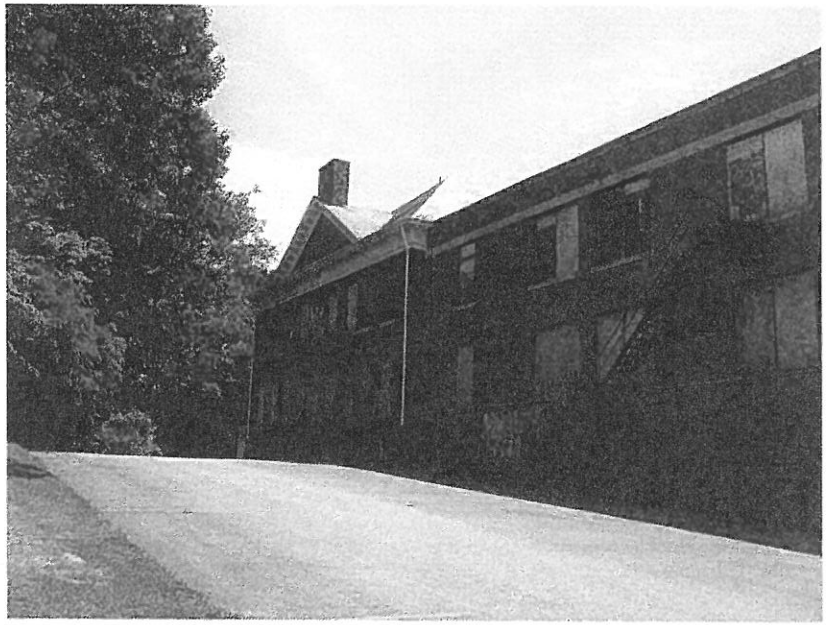


Open hole in basement floor.

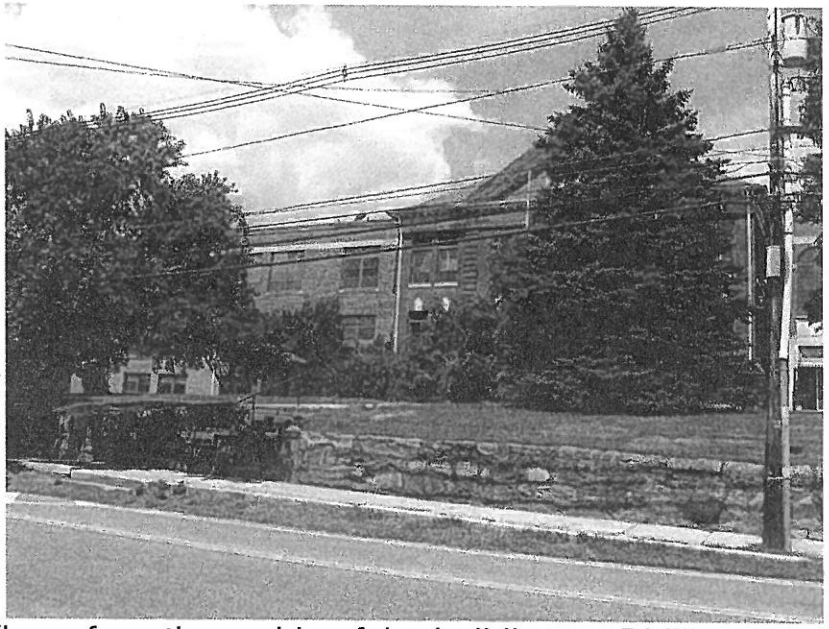
View of building facing east.



View of vent and fill pipes.



View of building from the north.



View of southern side of the building on Phillips Street.

APPENDIX E

RESUMES

DIANA J. SEAVER
ENVIRONMENTAL PARALEGAL

SUMMARY OF QUALIFICATIONS

- Proficient at performing research and analysis within the banking, real estate, and environmental industries.
- Proficient at communication and writing experiences within these same industries.
- Six years of experience performing paralegal services in support of an environmental consulting firm.
- Three years of legal research including Westlaw.
- Proficient with Microsoft office products, and with web site management.

COMPUTER SKILLS

Microsoft Windows XP, Windows Vista and Windows 7; Microsoft Word, Excel, Access, PowerPoint, Publisher and Outlook; Adobe Acrobat 9.0 and Dreamweaver; QuickBooks; ARCGIS Explorer; skilled at conducting research on free and fee based systems including Westlaw, EPA databases and other local, state and federal websites.

EDUCATION

Roger Williams University, Bristol, RI
Baccalaureate Paralegal Certificate Program
Lambda Epsilon Chi Honor Society

Providence College, Providence, RI.
Bachelor of Arts

OSHA 40 Hour Hazwopper Training (CFR 1910.120)

PROFESSIONAL EXPERIENCE

Lake Shore Environmental, Inc., Cumberland, RI *10/2005 - Present*
Environmental Paralegal
Responsibilities include a review of government record searches using environmental databases, a site reconnaissance, interviews with clients and local government officials, and a written environmental due diligence site assessment report. Legal research includes reviewing recorded land title records, reviewing historical sources, identification of adjoining land uses, identification of flood zones, the use of local GIS data resources, environmental file reviews at regulatory agencies, government records searches using environmental databases, analysis of laboratory reports comparing results to environmental regulations, and identification of recognized environmental conditions. Administrative tasks include assistance with office management, marketing efforts, and maintenance of the company web site.

CVS Caremark, Woonsocket, RI *12/2008 – 10/2010*
Real Estate Deal Administrator
Responsibilities included assisting the Regional Real Estate Director with land/store development and acquisition projects. Communication involved interaction with internal personnel, external developers, and outside attorneys regarding confidential site data. Reviewed developer construction budgets and completed internal financial forecasts. Reviewed acquisition contracts and lease assignments. Provided

preliminary screening research of potential sites identified by developers/brokers, including a review of site plans, tax records, plat maps, environmental assessment data, and, generated demographics.

Homestar Mortgage, Inc., Providence, RI *11/2004 – 10/2005*
Loan Officer
Responsibilities included the origination of residential mortgage products and procurement of title insurance and appraisals. Originate conforming, nonconforming, and line of credit mortgage products. Networking responsibilities involved developing referral relationships with real estate agents, appraisers, and attorneys.

Citizens Bank, Providence, RI *3/1993 – 3/1996*
Loan Review Officer
Analyze and review commercial loans for compliance with bank credit and risk ratings, policies and procedures. Evaluate loan documentation for accuracy and completeness, and review profit and loss statements. Analyze appraisals used as loan collateral. Prepare a written loan review report summarizing findings.

Participated on the due diligence acquisition team involving the acquisition of area banks, specializing in hotel accounting and mortgage banking analysis. Developed a program utilizing an Access database for assessing mortgage banking servicing compliance during pre and post acquisition due diligence.

Eastland Bank, Woonsocket, RI *12/1986 – 1/1993*
Commercial Real Estate Loan Officer (1990 – 1993)
Monitored a $50,000,000 commercial real estate portfolio for loans with payments in arrears, classified by FDIC as criticized assets including manufacturing companies, retail stores, and hotels for credit risk and compliance with restructured loan covenants. Prepared written assessments concerning amounts of exposure, types of business, collateral value, guarantors, repayment terms and current delinquency status.

Audit Manager and Audit Officer (1986 - 1990)
Managed audits of the bank's Mortgage Banking subsidiary, Eastland Mortgage in Oklahoma, OK; the Corporate Real Estate Lending Department; and Branch Banking. Reviewed accounting records and procedures, analyzed bank proposals and plans to assess risk, and ensured that bank practices, procedures and Federal regulations were followed. Prepared written audit reports documenting the findings of the audit, with recommendations on how to improve internal controls.

DAVID J. HAZEBROUCK, P.G., LSP, LEP
PRINCIPAL - SENIOR PROJECT MANAGER

EDUCATION:

B.S., University of Rhode Island, Geology, 1983
Field Geology, Montana State University, 1983
Various CEUs in environmental sciences required annually for state licenses

MEMBERSHIP/REGISTRATIONS:

Rhode Island Society of Environmental Professionals
Licensed Site Professional Association
Environmental Professionals Organization of Connecticut
Association of Groundwater Scientists and Engineers
Registered Professional Geologist (Maine) No. 335
Licensed Site Professional (Massachusetts) No. 7903
Licensed Environmental Professional (Connecticut) No. 240

EMPLOYMENT EXPERIENCE:

2002 - Present	Lake Shore Environmental, Inc.
1996 - 2002	Fuss & O'Neill, Inc.
1990 - 1996	Envirogen, Inc./Vapex Environmental Technologies, Inc.
1989 - 1990	Environmental Scientific Corporation
1985 - 1989	Lincoln Environmental, Inc./BCS Designers/Sure Test
1984 - 1985	U.S. Geologic Survey - Water Resources Division

PROFESSIONAL EXPERIENCE:

Mr. Hazebrouck is a Senior Project Manager and Hydrogeologist in the environmental assessment and remediation industry and is president of Lake Shore Environmental, Inc.. Mr. Hazebrouck has extensive experience in developing and implementing environmental site assessments, hydrogeologic studies, hazardous waste investigations, underground storage tank design and compliance programs, and in-situ remediation programs. His project experience ranges from property transfer site assessments to design and implementation of full scale remediation systems at federal superfund sites. He has directed numerous Brownfields redevelopment projects for private developers and state agencies throughout Rhode Island. He has also performed hydrogeologic studies in support of environmental impact assessments, pollutant loading evaluations for proposed development, surface and groundwater quality studies, siting and evaluation of public and industrial groundwater supplies, and has provided expert testimony at municipal and state regulatory hearings.

PUBLICATIONS:

Air Sparging in Conjunction with Vapor Extraction for Source Removal at VOC Spill Sites@, with M.C. Marley and M.T. Walsh, Proceedings of the Sixth Annual Conference on Petroleum Contaminated Soils, University of Massachusetts, Amherst, MA. September, 1991.

The Application of In-Situ Air Sparging as an Innovative Soils and Groundwater Remediation Technology@, with M.C. Marley and M.T. Walsh, published in Groundwater Monitoring Review, Spring 1992 (also abridged version published in Soils Magazine, October, 1992.

Tough Environmental Laws Extend Liability for Contaminated Sites@, New England Real Estate Journal, 1987.

Heed Environmental Issues in Real Estate Transactions, Providence Business News, September 2003.

RIDEM's Revised Hazardous Material Rule Makes Arsenic Levels in Soil Now Manageable, New England Real Estate Journal, April 2005.

Environmental land Use Restrictions and Their Role in Risk Management, New England Real Estate Journal, May 2006.

Environmental Due Diligence Tools: Which Site Assessment Tools Fit Your Needs, New England Real Estate Journal, April 2007.

APPENDIX F

LEAD-BASED PAINT BUIDING SURVEY

Final Report

for the

Lead Based Paint Testing

at

Wickford Elementary School
99 Phillips St.
North Kingstown, Rhode Island

Project Date:
7/31/13

EXECUTIVE SUMMARY

Enclosed is the final report of the inspection for Lead-Based Paint (LBP) conducted at Wickford Elementary School, 99 Phillips St., North Kingstown, Rhode Island.

A total of 65 surfaces, grouped as similar architectural features, were tested using a spectrum type of X-Ray fluorescence analyzer. Following the initial XRF screening phase of the project, 44 percent of the surfaces were found to test positive for lead and 56 percent of the surfaces have been determined to be negative for lead. Full details of the XRF screening results can be found further in this report.

1.0 PLANNING AND DESIGN

1.1 Project Background

Environmental Lead Detection has been contracted by AltTech to conduct Lead-Based Paint inspections at the Wickford Elementary School, 99 Phillips St., North Kingstown, Rhode Island.

The inspections took place on July 31, 2013.

1.2 Organization and Management

Brenda Eastman, ELI-0044, a Rhode Island Environmental Lead Inspector, conducted the field data collection portion of this project. Eastman was responsible for all major activities such as field design and operation, measurement quality control, data management and interpretation, quality assurance auditing, health and safety, overall coordination, and distribution of all reports, plans and Standard Operating Procedures. Brenda Eastman conducted the data analysis and report preparation.

1.3 Testing Objectives

The main objective of this LBP inspection was to test enough surfaces in a properly controlled manner to obtain a 95% confidence level with the results and to determine:

1. At what locations and in what concentrations LBP exists;
2. If the overall percentage of similar surfaces with LBP warrants confirmatory testing with atomic absorption spectrometry.

The intent of the sampling plan was to follow the requirements of the HUD Guidelines as applicable to the existing conditions at the complex at the time the survey was conducted.

1.4 Sampling Design

Representative painted surfaces were tested in each area specified on floor plans. Surfaces tested by XRF included:

Interior:

- Brick Wall
- Brick Column
- Ceramic Tile Baseboard
- Ceramic Tile Wall
- Concrete Baseboard
- Concrete Floor
- Concrete Wall
- Metal Baseboard
- Metal Door
- Metal Door Casing
- Metal Door Jamb
- Metal Drain Pipe
- Metal Electric Panel
- Metal Ladder
- Metal Pipe
- Metal Radiator
- Metal Sink
- Metal Stair Baluster
- Metal Stair Riser
- Metal Stair Stringer
- Metal Stall
- Metal Vent
- Metal Clad Door
- Metal Clad Door Casing
- Metal Clad Door Jamb
- Metal Clad Door Sidelight
- Particle Board Wall
- Plaster Ceiling
- Plaster Wall
- Wood Baseboard
- Wood Cabinet
- Wood Chair rail
- Wood Shelf
- Wood Shelf Support
- Wood Door
- Wood Door Casing
- Wood Door Jamb
- Wood Handrail
- Wood Mantle
- Wood Support Column
- Wood Wall
- Wood Wall Cleat
- Wood Wall Trim
- Wood Window Casing
- Wood Window Sill

Exterior:

- Metal Door
- Metal Door Jamb
- Metal Drain Pipe
- Metal Fire Escape
- Metal Grate
- Metal Handrail
- Metal Lally Column
- Metal Lintel
- Metal Oil Fill
- Metal Wall Cleat
- Wood Bulkhead Door
- Wood Bulkhead Door Casing
- Wood Bulkhead Trim
- Wood Bulkhead Wall
- Wood Bulkhead Window Casing
- Wood Bulkhead Window Sill
- Wood Door Casing
- Wood Door Overhang
- Wood Window Casing
- Wood Window Sill

1.5 Selection of Sampling Locations

Sampling of component locations to be tested was based primarily on accessibility and paint condition. Areas where loose or peeling paint existed were given priority. Location selection was further governed so as to minimize any potential background interferences, i.e., pipes in bathroom wet walls.

2.0 FIELD SAMPLING EQUIPMENT AND METHODS

2.1 Testing Methods

Under current Federal HUD guidelines, the XRF analyzer is a recognized method of in-situ lead paint testing. Initial in-situ lead paint testing was conducted using a Radiation Monitoring Devices (RMD) LPA-1 Lead in Paint Spectrum Analyzer.

The instrument employed was:

Model:	Serial #:	Source date:
RMD LPA-1	*2979*	*10/30/2012*

2.2 XRF Testing Procedure

The following general rules were applied to all XRF testing:

1. Within a single unit, or other survey area, all surfaces representing a single substrate were surveyed in a series to measure and subsequently avoid large "swings" in the readings by the XRF machines. Measurements within an area began with the densest substrate present and proceeded, in the following sequence, to the least dense. For example:

   steel ⇨ concrete ⇨ plaster ⇨ wood

2. Surfaces tested via XRF must be flat.
3. Testing locations shall be selected so as to avoid:
   - Edges of Walls and other large surfaces.
   - Electrical outlets, switches or wiring. (Testing at least 12" from electrical components to avoid possible interference.)
   - Plumbing, conduit, etc., if suspected of being present in Wall.
   - Patched areas of Walls and ceilings.
4. The XRF meters were fully recharged after each day's use.
5. XRF measurements were performed in accordance with the instructions stated in the manufacturer's manual and Environmental Lead Detection's testing protocol. In cases of conflict between the two, the protocol superseded the manufacturer's manual.

3.0 DATA PROCESSING AND ANALYSIS

3.1 Documentation

The field XRF readings were recorded on a separate page for each room or area tested. The forms identify the area number given to each room tested, room usage, component, substrate, color, floor, side and XRF reading and result. All readings were recorded on LBP Testing Data Sheets and will be maintained by ELD indefinitely.

3.2 Data Processing and Management

Over 550 readings were taken and recorded during this project. All readings were entered onto report forms in the field and then entered into our computerized database management program. The following information was keyed in:

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result

4.0 FINDINGS

Wickford Elementary School

XRF Data – Interior

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
	Calibration						1.1	
	Calibration						1.0	
	Calibration						1.0	
1	Storage	Ceiling	Plaster	White	2		0.1	Neg
1	Storage	Wall	Concrete	White	2	1	0.1	Neg
1	Storage	Wall	Brick	White	2	2	0.3	Neg
1	Storage	Wall	Concrete	White	2	3	0.3	Neg
1	Storage	Wall	Concrete	White	2	4	0.1	Neg
1	Storage	Floor	Concrete	Gray	2		0.2	Neg
1	Storage	Door	Wood	Varnish	2	3	0.0	Neg
1	Storage	Door Casing	Wood	Varnish	2	3	-0.1	Neg
1	Storage	Door Jamb	Wood	Varnish	2	3	0.0	Neg
2	Classroom	Upper Wall	Plaster	Green	2	1	0.5	Neg
2	Classroom	Upper Wall	Plaster	Green	2	2	0.4	Neg
2	Classroom	Upper Wall	Plaster	Green	2	3	0.4	Neg
2	Classroom	Upper Wall	Plaster	Green	2	4	0.3	Neg
2	Classroom	Chair rail	Wood	Varnish	2	1	0.1	Neg
2	Classroom	Lower Wall	Wood	Green	2	3	0.1	Neg
2	Classroom	Window Casing	Wood	Varnish	2	1	0.2	Neg
2	Classroom	Window Sill	Wood	Varnish	2	1	0.0	Neg
2	Classroom	Door	Wood	Varnish	2	3	-0.1	Neg
2	Classroom	Door Casing	Wood	Varnish	2	3	0.1	Neg
2	Classroom	Door Jamb	Wood	Varnish	2	3	0.0	Neg
2	Classroom	Closet Door	Wood	Varnish	2	3	0.0	Neg
2	Classroom	Closet Wall	Plaster	White	2	3	0.1	Neg
2	Classroom	Closet Ceiling	Plaster	White	2	3	0.0	Neg
2	Classroom	Closet Shelf	Wood	Varnish	2	3	0.0	Neg
2	Classroom	Closet Shelf Support	Wood	Varnish	2	3	0.3	Neg
2	Classroom	Cabinet	Wood	Varnish	2	3	-0.1	Neg
2	Classroom	Radiator	Metal	Silver	2	1	0.1	Neg
3	Bathroom	Wall	Plaster	White	2	1	0.5	Neg
3	Bathroom	Wall	Plaster	White	2	2	0.4	Neg
3	Bathroom	Wall	Plaster	White	2	3	0.5	Neg
3	Bathroom	Wall	Plaster	White	2	4	0.3	Neg
3	Bathroom	Door	Wood	Varnish	2	3	0.2	Neg
3	Bathroom	Door Casing	Wood	Varnish	2	3	0.1	Neg

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
3	Bathroom	Door Jamb	Wood	Varnish	2	3	-0.1	Neg
3	Bathroom	Radiator	Metal	Silver	2	1	0.1	Neg
3	Bathroom	Stalls	Metal	Tan	2		0.0	Neg
4	Utility Room	Wall	Concrete	Green	2	1	1.9	Pos
4	Utility Room	Wall	Concrete	Green	2	2	1.0	Pos
4	Utility Room	Wall	Concrete	Green	2	3	1.7	Pos
4	Utility Room	Wall	Concrete	Green	2	4	2.0	Pos
4	Utility Room	Floor	Concrete	Gray	2		0.2	Neg
4	Utility Room	Door Casing	Wood	Varnish	2	3	0.0	Neg
4	Utility Room	Door Jamb	Wood	Varnish	2	3	0.1	Neg
4	Utility Room	Shelf	Wood	Green	2	4	0.2	Neg
4	Utility Room	Shelf Support	Wood	Green	2	4	0.1	Neg
4	Utility Room	Drain Pipe	Metal	Green	2	1	-0.1	Neg
4	Utility Room	Ladder	Metal	Green	2	1	0.2	Neg
4	Utility Room	Sink	Metal	White	2	4	9.9	Pos
5	Storage	Wall	Concrete	White	2	1	0.0	Neg
5	Storage	Wall	Brick	White	2	2	0.1	Neg
5	Storage	Wall	Concrete	White	2	3	0.3	Neg
5	Storage	Wall	Concrete	White	2	4	0.2	Neg
5	Storage	Floor	Concrete	Green	2		0.3	Neg
5	Storage	Door	Wood	Varnish	2	3	0.1	Neg
5	Storage	Door Casing	Wood	Varnish	2	3	0.0	Neg
5	Storage	Door Jamb	Wood	Varnish	2	3	0.0	Neg
5	Storage	Radiator	Metal	White	2	1	0.0	Neg
6	Classroom	Wall	Plaster	Green	2	1	0.3	Neg
6	Classroom	Wall	Plaster	Green	2	2	0.4	Neg
6	Classroom	Wall	Plaster	Green	2	3	0.1	Neg
6	Classroom	Wall	Plaster	Green	2	4	0.4	Neg
6	Classroom	Chair rail	Wood	Varnish	2	1	0.0	Neg
6	Classroom	Baseboard	Wood	Varnish	2	3	0.1	Neg
6	Classroom	Door	Wood	Varnish	2	3	0.2	Neg
6	Classroom	Door Casing	Wood	Varnish	2	3	0.0	Neg
6	Classroom	Door Jamb	Wood	Varnish	2	3	0.1	Neg
6	Classroom	Window Casing	Wood	Varnish	2	1	0.0	Neg
6	Classroom	Window Sill	Wood	Varnish	2	1	0.2	Neg
6	Classroom	Closet Door	Wood	Varnish	2	3	0.1	Neg
6	Classroom	Closet Wall	Plaster	White	2	3	0.5	Neg
6	Classroom	Closet Ceiling	Plaster	White	2	3	0.2	Neg
6	Classroom	Closet Shelf	Wood	Varnish	2	3	0.1	Neg
6	Classroom	Closet Shelf Support	Wood	Varnish	2	3	0.0	Neg

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
6	Classroom	Cabinet	Wood	Varnish	2	3	0.2	Neg
6	Classroom	Radiator	Metal	Silver	2	1	0.0	Neg
6	Classroom	Vent	Metal	Green	2	3	0.3	Neg
7	Storage	Wall	Plaster	White	2	1	0.3	Neg
7	Storage	Wall	Concrete	White	2	2	0.5	Neg
7	Storage	Wall	Concrete	White	2	3	0.2	Neg
7	Storage	Wall	Concrete	White	2	4	0.5	Neg
7	Storage	Floor	Concrete	Green	2		1.0	Pos
7	Storage	Door	Wood	Varnish	2	3	0.2	Neg
7	Storage	Door Casing	Wood	Varnish	2	3	0.1	Neg
7	Storage	Door Jamb	Wood	Varnish	2	3	-0.1	Neg
7	Storage	Radiator	Metal	White	2	1	0.2	Neg
8	Corridor (Left)	Ceiling	Plaster	White	2		0.3	Neg
8	Corridor (Left)	Wall	Plaster	Blue	2	1	0.3	Neg
8	Corridor (Left)	Wall	Plaster	Blue	2	2	0.3	Neg
8	Corridor (Left)	Wall	Plaster	Blue	2	3	0.4	Neg
8	Corridor (Left)	Wall	Plaster	Blue	2	4	0.5	Neg
8	Corridor (Left)	Baseboard	Concrete	Blue	2	3	0.5	Neg
8	Corridor (Left)	Door	Wood	Varnish	2	3	0.2	Neg
8	Corridor (Left)	Door Casing	Wood	Varnish	2	3	0.0	Neg
8	Corridor (Left)	Door Jamb	Wood	Varnish	2	3	0.1	Neg
8	Corridor (Left)	Door	Metal Clad	Brown	2	1	4.9	Pos
8	Corridor (Left)	Door Casing	Metal Clad	Brown	2	1	4.7	Pos
8	Corridor (Left)	Door Jamb	Metal Clad	Brown	2	1	5.5	Pos
8	Corridor (Left)	Door Sidelight	Metal Clad	Brown	2	1	7.1	Pos
8	Corridor (Left)	Radiator	Metal	Silver	2	2	0.1	Neg
8	Corridor (Left)	Vent	Metal	Green	2	3	0.3	Neg
9	Storage	Ceiling	Plaster	White	2		0.0	Neg
9	Storage	Wall	Concrete	White	2	1	0.2	Neg
9	Storage	Wall	Plaster	White	2	2	0.1	Neg
9	Storage	Wall	Concrete	White	2	3	0.2	Neg
9	Storage	Wall	Concrete	White	2	4	0.3	Neg
9	Storage	Floor	Concrete	Green	2		0.5	Neg
9	Storage	Door	Wood	Varnish	2	1	0.1	Neg
9	Storage	Door Casing	Wood	Varnish	2	1	0.0	Neg
9	Storage	Door Jamb	Wood	Varnish	2	1	0.0	Neg
9	Storage	Drain Pipe	Metal	White	2	1	-0.2	Neg
10	Staff Lounge	Wall	Plaster	Green	2	1	-0.1	Neg
10	Staff Lounge	Wall	Plaster	Green	2	2	0.1	Neg
10	Staff Lounge	Wall	Plaster	Green	2	3	0.0	Neg
10	Staff Lounge	Wall	Plaster	Green	2	4	0.1	Neg

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
10	Staff Lounge	Chair rail	Wood	White	2	2	0.1	Neg
10	Staff Lounge	Baseboard	Wood	White	2	2	0.0	Neg
10	Staff Lounge	Window Casing	Wood	White	2	1	0.2	Neg
10	Staff Lounge	Window Sill	Wood	White	2	1	0.0	Neg
10	Staff Lounge	Door	Wood	Varnish	2	3	0.1	Neg
10	Staff Lounge	Door Casing	Wood	White	2	3	0.0	Neg
10	Staff Lounge	Door Jamb	Wood	White	2	3	0.2	Neg
10	Staff Lounge	Closet Wall	Plaster	Green	2	3	0.0	Neg
10	Staff Lounge	Closet Ceiling	Plaster	White	2	3	0.0	Neg
10	Staff Lounge	Closet Shelf	Wood	Green	2	3	0.0	Neg
10	Staff Lounge	Closet Shelf Support	Wood	Green	2	3	0.2	Neg
10	Staff Lounge	Closet Baseboard	Wood	White	2	3	-0.1	Neg
10	Staff Lounge	Radiator	Metal	White	2	3	0.3	Neg
11	Staff Lounge Bathroom	Ceiling	Plaster	White	2		0.3	Neg
11	Staff Lounge Bathroom	Wall	Plaster	White	2	1	0.2	Neg
11	Staff Lounge Bathroom	Wall	Plaster	White	2	2	0.0	Neg
11	Staff Lounge Bathroom	Wall	Plaster	White	2	3	0.1	Neg
11	Staff Lounge Bathroom	Wall	Plaster	White	2	4	-0.1	Neg
11	Staff Lounge Bathroom	Wall	Ceramic Tile	White	2	4	0.1	Neg
11	Staff Lounge Bathroom	Baseboard	Ceramic Tile	Black	2	4	9.9	Pos
11	Staff Lounge Bathroom	Door	Wood	Varnish	2	3	0.2	Neg
11	Staff Lounge Bathroom	Door Casing	Wood	White	2	3	0.1	Neg
11	Staff Lounge Bathroom	Door Jamb	Wood	White	2	3	0.0	Neg
11	Staff Lounge Bathroom	Stalls	Metal	Beige	2		0.0	Neg
12	Classroom	Wall	Plaster	Lilac	2	1	0.4	Neg
12	Classroom	Wall	Plaster	Lilac	2	2	0.2	Neg
12	Classroom	Wall	Plaster	Lilac	2	3	0.2	Neg
12	Classroom	Wall	Plaster	Lilac	2	4	0.3	Neg
12	Classroom	Chair rail	Wood	Varnish	2	1	-0.1	Neg
12	Classroom	Baseboard	Wood	Varnish	2	1	0.2	Neg
12	Classroom	Door	Wood	Varnish	2	3	0.1	Neg
12	Classroom	Door Casing	Wood	Varnish	2	3	0.2	Neg
12	Classroom	Door Jamb	Wood	Varnish	2	3	0.3	Neg
12	Classroom	Window Casing	Wood	Varnish	2	1	0.1	Neg
12	Classroom	Window Sill	Wood	Varnish	2	1	0.0	Neg
12	Classroom	Closet Door	Wood	Varnish	2	3	-0.1	Neg
12	Classroom	Closet Wall	Plaster	Lilac	2	3	0.3	Neg
12	Classroom	Closet Ceiling	Plaster	Lilac	2	3	0.1	Neg
12	Classroom	Closet Shelf	Wood	Varnish	2	3	0.0	Neg
12	Classroom	Closet Shelf Support	Wood	Varnish	2	3	0.2	Neg
12	Classroom	Cabinet	Wood	Varnish	2	3	0.1	Neg

Area	Room Usage	Component	Substrate	Color	2	Side	XRF Reading	Result
12	Classroom	Radiator	Metal	Silver	2	1	0.0	Neg
12	Classroom	Vent	Metal	Lilac	2	1	0.1	Neg
13	Storage	Ceiling	Plaster	White	2		0.0	Neg
13	Storage	Wall	Concrete	Green	2	1	1.8	Pos
13	Storage	Wall	Concrete	Green	2	2	0.5	Neg
13	Storage	Wall	Concrete	Green	2	3	1.7	Pos
13	Storage	Wall	Concrete	Green	2	4	1.3	Pos
13	Storage	Floor	Concrete	Gray	2		1.7	Pos
13	Storage	Radiator	Metal	Brown	2	1	0.4	Neg
14	Bathroom	Ceiling	Plaster	White	2		-0.1	Neg
14	Bathroom	Wall	Plaster	Blue	2	1	0.5	Neg
14	Bathroom	Wall	Plaster	Blue	2	2	0.3	Neg
14	Bathroom	Wall	Plaster	Blue	2	3	0.3	Neg
14	Bathroom	Wall	Plaster	Blue	2	4	0.4	Neg
14	Bathroom	Door	Wood	Varnish	2	3	-0.1	Neg
14	Bathroom	Door Casing	Wood	Varnish	2	3	0.0	Neg
14	Bathroom	Door Jamb	Wood	Varnish	2	3	0.1	Neg
14	Bathroom	Radiator	Metal	Silver	2	1	0.2	Neg
14	Bathroom	Stalls	Metal	Tan	2		-0.1	Neg
15	Corridor (Right)	Upper Wall	Plaster	White	2	1	0.3	Neg
15	Corridor (Right)	Upper Wall	Plaster	White	2	2	0.3	Neg
15	Corridor (Right)	Upper Wall	Plaster	White	2	3	0.4	Neg
15	Corridor (Right)	Upper Wall	Plaster	White	2	4	0.5	Neg
15	Corridor (Right)	Chair rail	Wood	Blue	2	3	0.2	Neg
15	Corridor (Right)	Lower Wall	Wood	Blue	2	3	0.3	Neg
15	Corridor (Right)	Door	Metal Clad	Brown	2	2	3.8	Pos
15	Corridor (Right)	Door Casing	Metal Clad	Brown	2	2	4.6	Pos
15	Corridor (Right)	Door Jamb	Metal Clad	Brown	2	2	5.0	Pos
15	Corridor (Right)	Door Sidelight	Metal Clad	Brown	2	2	7.0	Pos
15	Corridor (Right)	Electric Panel	Metal	Blue	2	3	0.0	Neg
16	Classroom	Upper Wall	Plaster	White	2	1	0.2	Neg
16	Classroom	Upper Wall	Plaster	White	2	2	0.1	Neg
16	Classroom	Upper Wall	Plaster	White	2	3	0.1	Neg
16	Classroom	Upper Wall	Plaster	White	2	4	0.4	Neg
16	Classroom	Chair rail	Wood	Varnish	2	1	0.2	Neg
16	Classroom	Lower Wall	Wood	White	2	1	0.0	Neg
16	Classroom	Window Casing	Wood	Varnish	2	3	0.1	Neg
16	Classroom	Window Sill	Wood	Varnish	2	3	-0.1	Neg
16	Classroom	Door	Wood	Varnish	2	1	0.2	Neg
16	Classroom	Door Casing	Wood	Varnish	2	1	0.0	Neg
16	Classroom	Door Jamb	Wood	Varnish	2	1	0.1	Neg
16	Classroom	Closet Door	Wood	Varnish	2	1	0.1	Neg

Area	Room Usage	Component	Substrate	Color	2	Side	XRF Reading	Result
16	Classroom	Closet Wall	Plaster	White	2	1	0.3	Neg
16	Classroom	Closet Ceiling	Plaster	White	2	1	0.1	Neg
16	Classroom	Closet Shelf	Wood	Varnish	2	1	0.2	Neg
16	Classroom	Closet Shelf Support	Wood	Varnish	2	1	0.1	Neg
16	Classroom	Cabinet	Wood	Varnish	2	1	-0.1	Neg
16	Classroom	Radiator	Metal	Silver	2	3	0.0	Neg
16	Classroom	Vent	Metal	White	2	1	-0.1	Neg
17	Staircase (Right)	Wall	Plaster	Blue	LL to 2	1	0.1	Neg
17	Staircase (Right)	Wall	Plaster	Blue	LL to 2	2	0.3	Neg
17	Staircase (Right)	Wall	Plaster	Blue	LL to 2	3	0.2	Neg
17	Staircase (Right)	Wall	Plaster	Blue	LL to 2	4	0.1	Neg
17	Staircase (Right)	Baseboard	Wood	Blue	LL to 2	4	0.1	Neg
17	Staircase (Right)	Window Casing	Wood	Varnish	LL to 2	4	0.2	Neg
17	Staircase (Right)	Window Sill	Wood	Varnish	LL to 2	4	0.0	Neg
17	Staircase (Right)	Door	Metal Clad	Brown	LL to 2	2	5.6	Pos
17	Staircase (Right)	Door Casing	Metal Clad	Brown	LL to 2	2	5.0	Pos
17	Staircase (Right)	Door Jamb	Metal Clad	Brown	LL to 2	2	4.6	Pos
17	Staircase (Right)	Door Sidelight	Metal Clad	Brown	LL to 2	2	5.9	Pos
17	Staircase (Right)	Stair Riser	Metal	Green	LL to 2		0.3	Neg
17	Staircase (Right)	Stair Stringer	Metal	Green	LL to 2		0.1	Neg
17	Staircase (Right)	Stair Baluster	Metal	Green	LL to 2		0.0	Neg
17	Staircase (Right)	Handrail	Wood	Varnish	LL to 2		-0.1	Neg
17	Staircase (Right)	Radiator	Metal	Blue	LL to 2	4	0.3	Neg
18	Storage	Ceiling	Plaster	White	1		0.1	Neg
18	Storage	Wall	Brick	Green	1	1	0.1	Neg
18	Storage	Wall	Brick	Green	1	2	0.0	Neg
18	Storage	Wall	Concrete	Green	1	3	0.2	Neg
18	Storage	Wall	Concrete	Green	1	4	0.0	Neg
18	Storage	Floor	Concrete	Gray	1		0.1	Neg
18	Storage	Door	Wood	Varnish	1	3	0.0	Neg
18	Storage	Door Casing	Wood	Varnish	1	3	0.2	Neg
18	Storage	Door Jamb	Wood	Varnish	1	3	0.1	Neg
18	Storage	Drain Pipe	Metal	Green	1	1	0.5	Neg
19	Classroom	Wall	Plaster	White	1	1	0.1	Neg
19	Classroom	Wall	Plaster	White	1	2	0.3	Neg
19	Classroom	Wall	Plaster	White	1	3	0.0	Neg
19	Classroom	Wall	Plaster	White	1	4	0.2	Neg
19	Classroom	Chair rail	Wood	Lilac	1	1	0.0	Neg
19	Classroom	Baseboard	Wood	Lilac	1	3	0.2	Neg
19	Classroom	Door	Wood	Varnish	1	3	0.0	Neg
19	Classroom	Door Casing	Wood	Varnish	1	3	0.0	Neg
19	Classroom	Door Jamb	Wood	Varnish	1	3	0.1	Neg

Area	Room Usage	Component	Substrate	Color	2	Side	XRF Reading	Result
19	Classroom	Radiator	Metal	Silver	1	1	-0.1	Neg
20	Bathroom	Wall	Plaster	White	1	1	0.0	Neg
20	Bathroom	Wall	Plaster	White	1	2	-0.1	Neg
20	Bathroom	Wall	Plaster	White	1	3	0.2	Neg
20	Bathroom	Wall	Plaster	White	1	4	0.1	Neg
20	Bathroom	Baseboard	Ceramic Tile	Black	1	4	9.9	Pos
20	Bathroom	Door	Wood	Varnish	1	3	0.2	Neg
20	Bathroom	Door Casing	Wood	Lilac	1	3	0.0	Neg
20	Bathroom	Door Jamb	Wood	Lilac	1	3	0.0	Neg
20	Bathroom	Radiator	Metal	White	1	4	0.1	Neg
20	Bathroom	Pipe	Metal	White	1	1	0.0	Neg
21	Classroom	Upper Wall	Plaster	White	1	1	0.2	Neg
21	Classroom	Upper Wall	Plaster	White	1	2	0.1	Neg
21	Classroom	Upper Wall	Plaster	White	1	3	0.4	Neg
21	Classroom	Upper Wall	Plaster	White	1	4	0.4	Neg
21	Classroom	Chair rail	Wood	Varnish	1	2	-0.1	Neg
21	Classroom	Lower Wall	Wood	White	1	2	0.2	Neg
21	Classroom	Baseboard	Wood	Varnish	1	1	0.1	Neg
21	Classroom	Door	Wood	Varnish	1	3	0.0	Neg
21	Classroom	Door Casing	Wood	Varnish	1	3	0.1	Neg
21	Classroom	Door Jamb	Wood	Varnish	1	3	-0.1	Neg
21	Classroom	Window Casing	Wood	Varnish	1	1	0.1	Neg
21	Classroom	Window Sill	Wood	Varnish	1	1	0.2	Neg
21	Classroom	Closet Wall	Plaster	White	1	3	0.3	Neg
21	Classroom	Closet Ceiling	Plaster	White	1	3	0.1	Neg
21	Classroom	Closet Shelf	Wood	Varnish	1	3	-0.2	Neg
21	Classroom	Cabinet	Wood	Varnish	1	3	0.1	Neg
22	Classroom	Upper Wall	Plaster	Blue	1	1	0.3	Neg
22	Classroom	Upper Wall	Plaster	Blue	1	2	0.1	Neg
22	Classroom	Upper Wall	Plaster	Blue	1	3	0.2	Neg
22	Classroom	Upper Wall	Plaster	Blue	1	4	0.3	Neg
22	Classroom	Chair rail	Wood	Varnish	1	2	0.0	Neg
22	Classroom	Lower Wall	Wood	Blue	1	2	0.1	Neg
22	Classroom	Door	Wood	Varnish	1	3	-0.1	Neg
22	Classroom	Door Casing	Wood	Varnish	1	3	0.2	Neg
22	Classroom	Door Jamb	Wood	Varnish	1	3	0.2	Neg
22	Classroom	Window Casing	Wood	Varnish	1	1	0.0	Neg
22	Classroom	Window Sill	Wood	Varnish	1	1	0.0	Neg
22	Classroom	Closet Door	Wood	Varnish	1	3	0.1	Neg
22	Classroom	Closet Wall	Plaster	Blue	1	3	0.3	Neg
22	Classroom	Closet Ceiling	Plaster	Blue	1	3	0.1	Neg
22	Classroom	Closet Shelf	Wood	Varnish	1	3	0.0	Neg

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
22	Classroom	Closet Shelf Support	Wood	Varnish	1	3	0.2	Neg
22	Classroom	Cabinet	Wood	Varnish	1	3	0.1	Neg
22	Classroom	Radiator	Metal	Silver	1	1	0.0	Neg
23	Corridor (Right)	Upper Wall	Plaster	White	1	1	0.2	Neg
23	Corridor (Right)	Upper Wall	Plaster	White	1	2	0.1	Neg
23	Corridor (Right)	Upper Wall	Plaster	White	1	3	0.3	Neg
23	Corridor (Right)	Upper Wall	Plaster	White	1	4	0.3	Neg
23	Corridor (Right)	Chair rail	Wood	Blue	1	3	0.1	Neg
23	Corridor (Right)	Lower Wall	Wood	Blue	1	3	0.2	Neg
23	Corridor (Right)	Door	Metal Clad	Brown	1	2	3.1	Pos
23	Corridor (Right)	Door Casing	Metal Clad	Brown	1	2	4.7	Pos
23	Corridor (Right)	Door Jamb	Metal Clad	Brown	1	2	6.6	Pos
23	Corridor (Right)	Door Sidelight	Metal Clad	Brown	1	2	5.8	Pos
24	Utility Room	Wall	Concrete	Green	1	1	1.0	Pos
24	Utility Room	Wall	Concrete	Green	1	2	0.7	Neg
24	Utility Room	Wall	Concrete	Green	1	3	0.4	Neg
24	Utility Room	Wall	Concrete	Green	1	4	0.5	Neg
24	Utility Room	Floor	Concrete	Gray	1		-0.1	Neg
24	Utility Room	Radiator	Metal	Brown	1	1	0.4	Neg
24	Utility Room	Door	Wood	Varnish	1	3	0.2	Neg
24	Utility Room	Door Casing	Wood	Varnish	1	3	0.0	Neg
24	Utility Room	Door Jamb	Wood	Varnish	1	3	-0.1	Neg
24	Utility Room	Sink	Metal	White	1	4	9.9	Pos
24	Utility Room	Drain Pipe	Metal	Green	1	1	0.3	Neg
25	Storage	Ceiling	Plaster	White	1		0.1	Neg
25	Storage	Wall	Plaster	Green	1	1	0.2	Neg
25	Storage	Wall	Concrete	Green	1	2	0.3	Neg
25	Storage	Wall	Concrete	Green	1	3	0.1	Neg
25	Storage	Wall	Brick	Green	1	4	0.2	Neg
25	Storage	Floor	Concrete	Gray	1		1.0	Pos
25	Storage	Door	Wood	Varnish	1	3	-0.1	Neg
25	Storage	Door Casing	Wood	Varnish	1	3	0.1	Neg
25	Storage	Door Jamb	Wood	Varnish	1	3	0.0	Neg
25	Storage	Radiator	Metal	White	1	1	0.0	Neg
26	Classroom	Wall	Plaster	Lilac	1	1	0.2	Neg
26	Classroom	Wall	Plaster	Lilac	1	2	0.1	Neg
26	Classroom	Wall	Plaster	Lilac	1	3	0.2	Neg
26	Classroom	Wall	Plaster	Lilac	1	4	0.4	Neg
26	Classroom	Baseboard	Wood	Varnish	1	4	0.2	Neg
26	Classroom	Door	Wood	Varnish	1	3	0.0	Neg
26	Classroom	Door Casing	Wood	Varnish	1	3	0.0	Neg
26	Classroom	Door Jamb	Wood	Varnish	1	3	0.1	Neg

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
26	Classroom	Window Casing	Wood	Varnish	1	1	0.1	Neg
26	Classroom	Window Sill	Wood	Varnish	1	1	0.2	Neg
26	Classroom	Closet Door	Wood	Varnish	1	3	-0.1	Neg
26	Classroom	Closet Wall	Plaster	White	1	3	0.2	Neg
26	Classroom	Closet Ceiling	Plaster	White	1	3	0.0	Neg
26	Classroom	Closet Shelf	Wood	Varnish	1	3	-0.1	Neg
26	Classroom	Closet Shelf Support	Wood	Varnish	1	3	0.1	Neg
26	Classroom	Cabinet	Wood	Varnish	1	3	0.0	Neg
26	Classroom	Radiator	Metal	Silver	1	1	0.1	Neg
27	Storage	Wall	Plaster	White	1	1	0.3	Neg
27	Storage	Wall	Concrete	White	1	2	0.0	Neg
27	Storage	Wall	Concrete	White	1	3	0.1	Neg
27	Storage	Wall	Concrete	White	1	4	0.0	Neg
27	Storage	Floor	Concrete	Green	1		2.0	Pos
27	Storage	Door	Wood	Varnish	1	3	0.2	Neg
27	Storage	Door Casing	Wood	Varnish	1	3	-0.1	Neg
27	Storage	Door Jamb	Wood	Varnish	1	3	0.1	Neg
27	Storage	Radiator	Metal	White	1	1	-0.1	Neg
27	Storage	Pipe	Metal	White	1	1	0.0	Neg
28	Corridor (Left)	Wall	Plaster	Blue	1	1	0.4	Neg
28	Corridor (Left)	Wall	Plaster	Blue	1	2	0.2	Neg
28	Corridor (Left)	Wall	Plaster	Blue	1	3	0.2	Neg
28	Corridor (Left)	Wall	Plaster	Blue	1	4	0.3	Neg
28	Corridor (Left)	Door	Metal Clad	Brown	1	1	5.1	Pos
28	Corridor (Left)	Door Casing	Metal Clad	Brown	1	1	3.6	Pos
28	Corridor (Left)	Door Jamb	Metal Clad	Brown	1	1	5.8	Pos
28	Corridor (Left)	Door Sidelight	Metal Clad	Brown	1	1	6.2	Pos
29	Lounge	Wall	Plaster	White	1	1	0.3	Neg
29	Lounge	Wall	Plaster	White	1	2	0.1	Neg
29	Lounge	Wall	Plaster	White	1	3	0.1	Neg
29	Lounge	Wall	Plaster	White	1	4	0.2	Neg
29	Lounge	Baseboard	Wood	Varnish	1	4	0.1	Neg
29	Lounge	Door	Wood	Varnish	1	1	-0.1	Neg
29	Lounge	Door Casing	Wood	Varnish	1	1	0.1	Neg
29	Lounge	Door Jamb	Wood	Varnish	1	1	0.2	Neg
29	Lounge	Window Casing	Wood	Varnish	1	3	0.1	Neg
29	Lounge	Window Sill	Wood	Varnish	1	3	0.2	Neg
29	Lounge	Closet Wall	Concrete	Green	1	1	-0.1	Neg
29	Lounge	Closet Ceiling	Plaster	White	1	3	0.0	Neg
29	Lounge	Closet Floor	Concrete	Green	1	1	1.0	Pos
29	Lounge	Closet Shelf Support	Wood	Varnish	1	3	0.1	Neg
29	Lounge	Mantle	Wood	Varnish	1	3	0.0	Neg

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
30	Storage	Ceiling	Plaster	White	1		0.1	Neg
30	Storage	Wall	Concrete	Green	1	1	0.5	Neg
30	Storage	Wall	Brick	Green	1	2	0.2	Neg
30	Storage	Wall	Concrete	Green	1	3	0.3	Neg
30	Storage	Wall	Concrete	Green	1	4	0.2	Neg
30	Storage	Floor	Concrete	Gray	1		1.0	Pos
30	Storage	Cabinet	Wood	Green	1	1	0.2	Neg
31	Staircase (Left)	Wall	Plaster	Blue	LL to 2	1	0.4	Neg
31	Staircase (Left)	Wall	Plaster	Blue	LL to 2	2	0.2	Neg
31	Staircase (Left)	Wall	Plaster	Blue	LL to 2	3	0.2	Neg
31	Staircase (Left)	Wall	Plaster	Blue	LL to 2	4	0.3	Neg
31	Staircase (Left)	Baseboard	Wood	Blue	LL to 2	2	0.2	Neg
31	Staircase (Left)	Door	Metal	Brown	LL to 2	1	0.1	Neg
31	Staircase (Left)	Door Casing	Wood	Blue	LL to 2	1	0.0	Neg
31	Staircase (Left)	Door Jamb	Metal	Brown	LL to 2	1	-0.1	Neg
31	Staircase (Left)	Door	Metal Clad	Brown	LL to 2	2	4.9	Pos
31	Staircase (Left)	Door Casing	Metal Clad	Brown	LL to 2	2	5.8	Pos
31	Staircase (Left)	Door Jamb	Metal Clad	Brown	LL to 2	2	5.1	Pos
31	Staircase (Left)	Door Sidelight	Metal Clad	Brown	LL to 2	2	4.7	Pos
31	Staircase (Left)	Stair Riser	Metal	Green	LL to 2		0.1	Neg
31	Staircase (Left)	Stair Stringer	Metal	Green	LL to 2		0.0	Neg
31	Staircase (Left)	Stair Baluster	Metal	Green	LL to 2		-0.1	Neg
31	Staircase (Left)	Handrail	Wood	Varnish	LL to 2		0.1	Neg
31	Staircase (Left)	Pipe	Metal	White	LL to 2	4	0.0	Neg
32	Auditorium	Wall	Plaster	White	Lower Level	1	-0.1	Neg
32	Auditorium	Wall	Ceramic Tile	Blue	Lower Level	2	0.1	Neg
32	Auditorium	Window Casing	Wood	Varnish	Lower Level	3	-0.1	Neg
32	Auditorium	Window Sill	Wood	Varnish	Lower Level	3	0.0	Neg
32	Auditorium	Door	Metal	Blue	Lower Level	3	0.1	Neg
32	Auditorium	Door Casing	Wood	Varnish	Lower Level	3	0.2	Neg
32	Auditorium	Door Jamb	Metal	Blue	Lower Level	3	0.1	Neg
32	Auditorium	Door	Metal Clad	Blue	Lower Level	4	6.0	Pos
32	Auditorium	Door Casing	Metal Clad	Blue	Lower Level	4	5.2	Pos
32	Auditorium	Door Jamb	Metal Clad	Blue	Lower Level	4	4.1	Pos
32	Auditorium	Door Sidelight	Metal Clad	Blue	Lower Level	4	7.2	Pos
33	Hall	Wall	Plaster	Blue	Lower Level	1	-0.2	Neg
33	Hall	Wall	Plaster	Blue	Lower Level	2	0.1	Neg
33	Hall	Wall	Plaster	Blue	Lower Level	3	0.0	Neg
33	Hall	Wall	Plaster	Blue	Lower Level	4	0.1	Neg
33	Hall	Door	Wood	Varnish	Lower Level	1	0.2	Neg
33	Hall	Door Casing	Wood	Varnish	Lower Level	1	-0.1	Neg
33	Hall	Door Jamb	Wood	Varnish	Lower Level	1	0.1	Neg

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
33	Hall	Door	Metal Clad	Brown	Lower Level	4	4.5	Pos
33	Hall	Door Casing	Metal Clad	Brown	Lower Level	4	6.3	Pos
33	Hall	Door Jamb	Metal Clad	Brown	Lower Level	4	5.5	Pos
33	Hall	Door Sidelight	Metal Clad	Brown	Lower Level	4	4.0	Pos
33	Hall	Door	Metal	Red	Lower Level	3	0.1	Neg
33	Hall	Door Jamb	Metal	Brown	Lower Level	3	5.4	Pos
34	Boys Bathroom	Ceiling	Plaster	White	Lower Level		0.0	Neg
34	Boys Bathroom	Wall	Plaster	Blue	Lower Level	1	0.3	Neg
34	Boys Bathroom	Wall	Plaster	Blue	Lower Level	2	0.1	Neg
34	Boys Bathroom	Wall	Plaster	Blue	Lower Level	3	0.1	Neg
34	Boys Bathroom	Wall	Plaster	Blue	Lower Level	4	-0.1	Neg
34	Boys Bathroom	Door	Wood	Varnish	Lower Level	1	0.2	Neg
34	Boys Bathroom	Door Casing	Wood	Varnish	Lower Level	1	0.2	Neg
34	Boys Bathroom	Door Jamb	Wood	Varnish	Lower Level	1	0.0	Neg
34	Boys Bathroom	Stall	Metal	Gray	Lower Level		-0.1	Neg
34	Boys Bathroom	Radiator	Metal	White	Lower Level	3	0.0	Neg
34	Boys Bathroom	Pipe	Metal	White	Lower Level	3	0.1	Neg
35	Storage	Wall	Brick	White	Lower Level	1	9.9	Pos
35	Storage	Wall	Brick	White	Lower Level	2	9.9	Pos
35	Storage	Wall	Brick	White	Lower Level	3	0.4	Neg
35	Storage	Wall	Brick	White	Lower Level	4	9.9	Pos
35	Storage	Wall	Concrete	White	Lower Level	1	0.2	Neg
35	Storage	Floor	Concrete	Gray	Lower Level		0.4	Neg
35	Storage	Door	Wood	Varnish	Lower Level	1	0.1	Neg
35	Storage	Door Casing	Wood	Varnish	Lower Level	1	0.0	Neg
35	Storage	Door Jamb	Wood	Varnish	Lower Level	1	0.2	Neg
36	Janitor's Room	Wall	Brick	Green	Lower Level	1	0.3	Neg
36	Janitor's Room	Wall	Brick	Green	Lower Level	2	0.2	Neg
36	Janitor's Room	Wall	Brick	Green	Lower Level	3	0.5	Neg
36	Janitor's Room	Wall	Brick	Green	Lower Level	4	0.3	Neg
36	Janitor's Room	Wall	Plaster	White	Lower Level	3	0.0	Neg
36	Janitor's Room	Door	Metal	Red	Lower Level	1	0.6	Neg
36	Janitor's Room	Door Casing	Metal	Red	Lower Level	1	4.0	Pos
36	Janitor's Room	Door Jamb	Metal	Red	Lower Level	1	0.5	Neg
36	Janitor's Room	Door	Metal	Gray	Lower Level	3	-0.1	Neg
36	Janitor's Room	Door Jamb	Metal	Gray	Lower Level	3	0.0	Neg
36	Janitor's Room	Door	Wood	Gray	Lower Level	4	6.6	Pos
36	Janitor's Room	Door Casing	Wood	Gray	Lower Level	4	3.1	Pos
36	Janitor's Room	Door Jamb	Wood	Gray	Lower Level	4	4.9	Pos
36	Janitor's Room	Wall Cleat	Wood	Green	Lower Level	2	1.4	Pos
36	Janitor's Room	Cabinet	Wood	Gray	Lower Level	2	1.0	Pos
36	Janitor's Room	Cabinet	Wood	Gray	Lower Level	3	4.3	Pos

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
36	Janitor's Room	Support Column	Wood	Green	Lower Level	3	-0.1	Neg
36	Janitor's Room	Pipe	Metal	Green	Lower Level	1	0.3	Neg
37	Boiler Room	Wall	Plaster	Yellow	Lower Level	1	0.1	Neg
37	Boiler Room	Wall	Brick	White	Lower Level	2	0.3	Neg
37	Boiler Room	Wall	Brick	White	Lower Level	3	0.2	Neg
37	Boiler Room	Wall	Plaster	Yellow	Lower Level	4	0.0	Neg
37	Boiler Room	Drain Pipe	Metal	Gray	Lower Level	3	0.0	Neg
38	Storage	Ceiling	Plaster	White	Lower Level		-0.2	Neg
38	Storage	Wall	Concrete	Blue	Lower Level	1	0.3	Neg
38	Storage	Wall	Brick	Blue	Lower Level	1	0.6	Neg
38	Storage	Wall	Brick	Blue	Lower Level	2	9.9	Pos
38	Storage	Wall	Brick	Blue	Lower Level	3	6.0	Pos
38	Storage	Wall	Brick	Blue	Lower Level	4	0.1	Neg
38	Storage	Floor	Concrete	Gray	Lower Level		0.0	Neg
38	Storage	Door	Wood	Blue	Lower Level	2	5.2	Pos
38	Storage	Door Casing	Wood	Blue	Lower Level	2	6.6	Pos
38	Storage	Door Jamb	Wood	Blue	Lower Level	2	4.8	Pos
39	Kitchen	Wall	Plaster	Blue	Lower Level	1	-0.1	Neg
39	Kitchen	Wall	Plaster	Blue	Lower Level	2	0.2	Neg
39	Kitchen	Wall	Plaster	Blue	Lower Level	3	0.1	Neg
39	Kitchen	Wall	Plaster	Blue	Lower Level	4	0.0	Neg
39	Kitchen	Floor	Concrete	Gray	Lower Level		0.3	Neg
39	Kitchen	Door	Wood	Varnish	Lower Level	2	0.1	Neg
39	Kitchen	Door Casing	Wood	Varnish	Lower Level	2	0.0	Neg
39	Kitchen	Door Jamb	Wood	Varnish	Lower Level	2	0.2	Neg
39	Kitchen	Column	Brick	Blue	Lower Level		9.9	Pos
40	Storage	Ceiling	Plaster	White	Lower Level		0.1	Neg
40	Storage	Wall	Concrete	White	Lower Level	1	0.2	Neg
40	Storage	Wall	Brick	White	Lower Level	2	9.9	Pos
40	Storage	Wall	Concrete	White	Lower Level	3	0.2	Neg
40	Storage	Wall	Concrete	White	Lower Level	4	0.0	Neg
40	Storage	Column	Brick	White	Lower Level		9.9	Pos
40	Storage	Floor	Concrete	Green	Lower Level		0.2	Neg
40	Storage	Door	Wood	Varnish	Lower Level	2	-0.1	Neg
40	Storage	Door Casing	Wood	Varnish	Lower Level	2	0.1	Neg
40	Storage	Door Jamb	Wood	Varnish	Lower Level	2	0.0	Neg
41	Boiler Room	Wall	Concrete	Green	Lower Level	1	0.1	Neg
41	Boiler Room	Wall	Brick	Green	Lower Level	2	9.9	Pos
41	Boiler Room	Floor	Concrete	Gray	Lower Level		0.3	Neg
42	Cafeteria	Wall	Concrete	Blue	Lower Level	1	0.1	Neg
42	Cafeteria	Wall	Brick	White	Lower Level	2	0.0	Neg
42	Cafeteria	Wall	Concrete	White	Lower Level	3	0.1	Neg

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
42	Cafeteria	Wall	Concrete	White	Lower Level	4	0.2	Neg
42	Cafeteria	Door	Metal Clad	Brown	Lower Level	3	5.6	Pos
42	Cafeteria	Door Casing	Metal Clad	Brown	Lower Level	3	5.8	Pos
42	Cafeteria	Door Jamb	Metal Clad	Brown	Lower Level	3	6.3	Pos
43	Music Room	Wall	Concrete	Pink	Lower Level	1	0.2	Neg
43	Music Room	Wall	Particle Board	Pink	Lower Level	2	-0.1	Neg
43	Music Room	Wall	Concrete	Pink	Lower Level	3	0.1	Neg
43	Music Room	Wall	Particle Board	Pink	Lower Level	4	0.0	Neg
43	Music Room	Wall Trim	Wood	Pink	Lower Level	4	0.1	Neg
43	Music Room	Baseboard	Wood	Brown	Lower Level	4	0.0	Neg
43	Music Room	Door	Wood	Brown	Lower Level	2	0.1	Neg
43	Music Room	Door Casing	Wood	Brown	Lower Level	2	-0.1	Neg
43	Music Room	Door Jamb	Wood	Brown	Lower Level	2	-0.2	Neg
43	Music Room	Window Casing	Wood	Varnish	Lower Level	1	0.1	Neg
43	Music Room	Window Sill	Wood	Varnish	Lower Level	1	0.0	Neg
44	Classroom	Wall	Concrete	Pink	Lower Level	1	0.1	Neg
44	Classroom	Wall	Concrete	Pink	Lower Level	2	0.0	Neg
44	Classroom	Wall	Concrete	Pink	Lower Level	3	0.1	Neg
44	Classroom	Wall	Particle Board	Pink	Lower Level	4	-0.2	Neg
44	Classroom	Wall Trim	Wood	Pink	Lower Level	4	0.0	Neg
44	Classroom	Door	Metal Clad	Brown	Lower Level	2	5.5	Pos
44	Classroom	Door Casing	Metal Clad	Brown	Lower Level	2	3.1	Pos
44	Classroom	Door Jamb	Metal Clad	Brown	Lower Level	2	1.0	Pos
44	Classroom	Window Casing	Wood	Varnish	Lower Level	1	0.2	Neg
44	Classroom	Window Sill	Wood	Varnish	Lower Level	1	0.1	Neg

4.0 XRF Data - Exterior

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
	Exterior	Fire Escape	Metal	Black		3	8.7	Pos
	Exterior	Window Casing	Wood	White		3	9.9	Pos
	Exterior	Window Sill	Wood	White		3	9.9	Pos
	Exterior	Drain Pipe	Metal	Black		3	0.1	Neg
	Exterior	Lintel	Metal	White		3	3.6	Pos
	Exterior	Grates	Metal	Green		3	2.8	Pos
	Exterior	Handrail	Metal	Brown		3	4.5	Pos
	Exterior	Door	Metal	Brown		3	-0.2	Neg
	Exterior	Door Casing	Wood	Brown		3	2.2	Pos
	Exterior	Door Jamb	Metal	Brown		3	0.2	Neg
	Exterior	Wall Cleat	Metal	White		3	0.2	Neg
	Exterior	Lally Column	Metal	Brown		3	-0.1	Neg
	Exterior	Oil Fill	Metal	Black		3	-0.1	Neg
	Exterior	Bulkhead Wall	Wood	Yellow		3	2.5	Pos
	Exterior	Bulkhead Trim	Wood	Yellow		3	2.8	Pos
	Exterior	Bulkhead Window Casing	Wood	Yellow		3	1.0	Pos
	Exterior	Bulkhead Window Sill	Wood	Yellow		3	3.5	Pos
	Exterior	Bulkhead Door	Wood	Yellow		4	2.3	Pos
	Exterior	Bulkhead Door Casing	Wood	Yellow		4	3.0	Pos
	Exterior	Door	Metal	Brown		1	0.1	Neg
	Exterior	Door Casing	Wood	Brown		1	1.5	Pos
	Exterior	Door Jamb	Metal	Brown		1	0.2	Neg
	Exterior	Door Overhang	Wood	White		1	-0.1	Neg
	Exterior	Drain Pipe	Metal	Black		1	0.0	Neg
	Exterior	Fire Escape	Metal	Black		1	6.3	Pos
	Calibration						1.1	
	Calibration						1.1	
	Calibration						1.2	

4.1 XRF Data – Surfaces Found To Be Positive For LBP

Surfaces that have been identified as containing lead-based paint above federal standards are listed as follows:

Wickford Elementary School

Interior

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
4	Utility Room	Wall	Concrete	Green	2	1	1.9	Pos
4	Utility Room	Wall	Concrete	Green	2	2	1.0	Pos
4	Utility Room	Wall	Concrete	Green	2	3	1.7	Pos
4	Utility Room	Wall	Concrete	Green	2	4	2.0	Pos
4	Utility Room	Sink	Metal	White	2	4	9.9	Pos
7	Storage	Floor	Concrete	Green	2		1.0	Pos
8	Corridor (Left)	Door	Metal Clad	Brown	2	1	4.9	Pos
8	Corridor (Left)	Door Casing	Metal Clad	Brown	2	1	4.7	Pos
8	Corridor (Left)	Door Jamb	Metal Clad	Brown	2	1	5.5	Pos
8	Corridor (Left)	Door Sidelight	Metal Clad	Brown	2	1	7.1	Pos
11	Staff Lounge Bathroom	Baseboard	Ceramic Tile	Black	2	4	9.9	Pos
13	Storage	Wall	Concrete	Green	2	1	1.8	Pos
13	Storage	Wall	Concrete	Green	2	3	1.7	Pos
13	Storage	Wall	Concrete	Green	2	4	1.3	Pos
13	Storage	Floor	Concrete	Gray	2		1.7	Pos
15	Corridor (Right)	Door	Metal Clad	Brown	2	2	3.8	Pos
15	Corridor (Right)	Door Casing	Metal Clad	Brown	2	2	4.6	Pos
15	Corridor (Right)	Door Jamb	Metal Clad	Brown	2	2	5.0	Pos
15	Corridor (Right)	Door Sidelight	Metal Clad	Brown	2	2	7.0	Pos
17	Staircase (Right)	Door	Metal Clad	Brown	LL to 2	2	5.6	Pos
17	Staircase (Right)	Door Casing	Metal Clad	Brown	LL to 2	2	5.0	Pos
17	Staircase (Right)	Door Jamb	Metal Clad	Brown	LL to 2	2	4.6	Pos
17	Staircase (Right)	Door Sidelight	Metal Clad	Brown	LL to 2	2	5.9	Pos
20	Bathroom	Baseboard	Ceramic Tile	Black	1	4	9.9	Pos
23	Corridor (Right)	Door	Metal Clad	Brown	1	2	3.1	Pos
23	Corridor (Right)	Door Casing	Metal Clad	Brown	1	2	4.7	Pos
23	Corridor (Right)	Door Jamb	Metal Clad	Brown	1	2	6.6	Pos
23	Corridor (Right)	Door Sidelight	Metal Clad	Brown	1	2	5.8	Pos
24	Utility Room	Wall	Concrete	Green	1	1	1.0	Pos
24	Utility Room	Sink	Metal	White	1	4	9.9	Pos
25	Storage	Floor	Concrete	Gray	1		1.0	Pos
28	Corridor (Left)	Door	Metal Clad	Brown	1	1	5.1	Pos
28	Corridor (Left)	Door Casing	Metal Clad	Brown	1	1	3.6	Pos
28	Corridor (Left)	Door Jamb	Metal Clad	Brown	1	1	5.8	Pos
28	Corridor (Left)	Door Sidelight	Metal Clad	Brown	1	1	6.2	Pos

Area	Room Usage	Component	Substrate	Color	Floor	Side	XRF Reading	Result
29	Lounge	Closet Floor	Concrete	Green	1	1	1.0	Pos
30	Storage	Floor	Concrete	Gray	1		1.0	Pos
31	Staircase (Left)	Door	Metal Clad	Brown	LL to 2	2	4.9	Pos
31	Staircase (Left)	Door Casing	Metal Clad	Brown	LL to 2	2	5.8	Pos
31	Staircase (Left)	Door Jamb	Metal Clad	Brown	LL to 2	2	5.1	Pos
31	Staircase (Left)	Door Sidelight	Metal Clad	Brown	LL to 2	2	4.7	Pos
32	Auditorium	Door	Metal Clad	Blue	Lower Level	4	6.0	Pos
32	Auditorium	Door Casing	Metal Clad	Blue	Lower Level	4	5.2	Pos
32	Auditorium	Door Jamb	Metal Clad	Blue	Lower Level	4	4.1	Pos
32	Auditorium	Door Sidelight	Metal Clad	Blue	Lower Level	4	7.2	Pos
33	Hall	Door	Metal Clad	Brown	Lower Level	4	4.5	Pos
33	Hall	Door Casing	Metal Clad	Brown	Lower Level	4	6.3	Pos
33	Hall	Door Jamb	Metal Clad	Brown	Lower Level	4	5.5	Pos
33	Hall	Door Sidelight	Metal Clad	Brown	Lower Level	4	4.0	Pos
33	Hall	Door Jamb	Metal	Brown	Lower Level	3	5.4	Pos
35	Storage	Wall	Brick	White	Lower Level	1	9.9	Pos
35	Storage	Wall	Brick	White	Lower Level	2	9.9	Pos
35	Storage	Wall	Brick	White	Lower Level	4	9.9	Pos
36	Janitor's Room	Door Casing	Metal	Red	Lower Level	1	4.0	Pos
36	Janitor's Room	Door	Wood	Gray	Lower Level	4	6.6	Pos
36	Janitor's Room	Door Casing	Wood	Gray	Lower Level	4	3.1	Pos
36	Janitor's Room	Door Jamb	Wood	Gray	Lower Level	4	4.9	Pos
36	Janitor's Room	Wall Cleat	Wood	Green	Lower Level	2	1.4	Pos
36	Janitor's Room	Cabinet	Wood	Gray	Lower Level	2	1.0	Pos
36	Janitor's Room	Cabinet	Wood	Gray	Lower Level	3	4.3	Pos
38	Storage	Wall	Brick	Blue	Lower Level	2	9.9	Pos
38	Storage	Wall	Brick	Blue	Lower Level	3	6.0	Pos
38	Storage	Door	Wood	Blue	Lower Level	2	5.2	Pos
38	Storage	Door Casing	Wood	Blue	Lower Level	2	6.6	Pos
38	Storage	Door Jamb	Wood	Blue	Lower Level	2	4.8	Pos
39	Kitchen	Column	Brick	Blue	Lower Level		9.9	Pos
40	Storage	Wall	Brick	White	Lower Level	2	9.9	Pos
40	Storage	Column	Brick	White	Lower Level		9.9	Pos
41	Boiler Room	Wall	Brick	Green	Lower Level	2	9.9	Pos
42	Cafeteria	Door	Metal Clad	Brown	Lower Level	3	5.6	Pos
42	Cafeteria	Door Casing	Metal Clad	Brown	Lower Level	3	5.8	Pos
42	Cafeteria	Door Jamb	Metal Clad	Brown	Lower Level	3	6.3	Pos
44	Classroom	Door	Metal Clad	Brown	Lower Level	2	5.5	Pos
44	Classroom	Door Casing	Metal Clad	Brown	Lower Level	2	3.1	Pos
44	Classroom	Door Jamb	Metal Clad	Brown	Lower Level	2	1.0	Pos

Exterior

Area	Surface	Substrate	Color	Floor	Side	XRF Reading	Result
Exterior	Fire Escape	Metal	Black		3	8.7	Pos
Exterior	Window Casing	Wood	White		3	9.9	Pos
Exterior	Window Sill	Wood	White		3	9.9	Pos
Exterior	Lintel	Metal	White		3	3.6	Pos
Exterior	Grates	Metal	Green		3	2.8	Pos
Exterior	Handrail	Metal	Brown		3	4.5	Pos
Exterior	Door Casing	Wood	Brown		3	2.2	Pos
Exterior	Bulkhead Wall	Wood	Yellow		3	2.5	Pos
Exterior	Bulkhead Trim	Wood	Yellow		3	2.8	Pos
Exterior	Bulkhead Window Casing	Wood	Yellow		3	1.0	Pos
Exterior	Bulkhead Window Sill	Wood	Yellow		3	3.5	Pos
Exterior	Bulkhead Door	Wood	Yellow		4	2.3	Pos
Exterior	Bulkhead Door Casing	Wood	Yellow		4	3.0	Pos
Exterior	Door Casing	Wood	Brown		1	1.5	Pos
Exterior	Fire Escape	Metal	Black		1	6.3	Pos

Conclusion

Positive levels of lead-based paint, as measured by XRF, were detected on interior brick walls, brick columns, concrete floors, concrete walls, metal door casings, metal door jambs, metal sinks, metal clad doors, metal clad door casings, metal clad door jambs, metal clad door sidelights, wood cabinet, wood doors, wood door casings, wood door jambs, and wood wall cleat.

Positive levels of lead-based paint, as measured by XRF, were detected on exterior metal fire escapes, metal grates, metal handrail, metal lintel, wood bulkhead wall, wood bulkhead trim, wood bulkhead door, wood door casings, wood window casings, and wood window sills.

Ceramic tile baseboard in bathrooms tested positive due to lead used in the glazing process. The crushing, abrading or shattering of this glaze can release a fine dust in which the lead becomes bioavailable.

According to Rhode Island Regulations, any reading 1.0 mg/cm^2 and higher is considered positive for lead-based paint. Any reading under 1.0 mg/cm^2 is considered inconclusive and should be assumed positive unless paint chip sampling is conducted and the lead content is found to be below 600 ppm.

The Rhode Island Department of Health (HEALTH) is authorized by the United States Environmental Protection Agency (EPA) to administer and enforce the federal Renovation, Repair, and Painting (RRP) Rule regarding lead hazard control activities (i.e., training, licensing, education, compliance, and enforcement). Property owners and contractors MUST comply with Rhode Island Rules and Regulations for Lead Poisoning Prevention [RI General Law 23-24.6-PB].

This school would be considered a regulated facility if it will be used as a licensed childcare facility whose primary purpose is or will be to educate or care for children younger than six years of age. This includes, but is not limited to, preschools, daycare facilities, nursery schools, public or private elementary schools, playgrounds, foster homes, and shelters. "The Lead-Safe Certified Guide to Renovate Right" is included in this report.

OSHA Regulations apply to all construction work where an employee may be occupationally exposed to lead. Construction work is defined as work for construction, alteration and/or repair, including painting and decorating. This would include air monitoring when any construction work is conducted.

OSHA Regulations and 22.11: Work Practices and Other Requirements For Renovation Work are included in this report.

Submitted by:

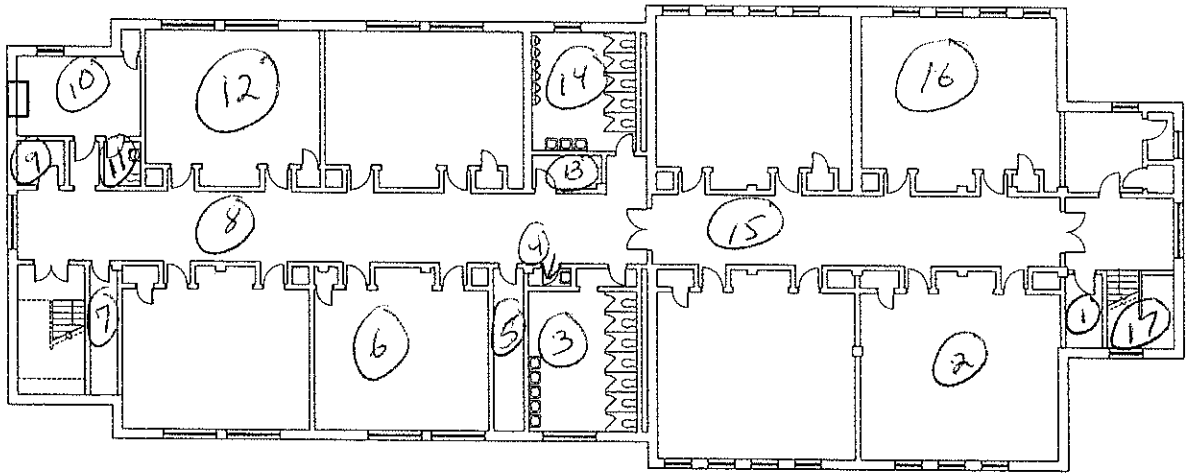
Brenda J Eastman

Brenda Eastman
Rhode Island Environmental Lead Inspector #0044
Expires on 10/31/13

Floor Plans

Side 3

Side 2



Side 4

Second Floor Plan

Side 1

PLEASE NOTE - SCALE/CONSTRUCTION

These drawings are provided to communicate the construction layout and design intent. Contractor will verify all existing dimensions and field conditions and will notify the Architect of any discrepancies.

Issued

Status

Existing Conditions

No.	Date	Revision	By

Certification Stamp

Project

LITMAN ARCHITECTURE
JAY LITMAN, AIA
250 WATER STREET
WARREN, RHODE ISLAND 02885
Tel: 401-474-0780
Fax: 401-247-0250
www.litmanarchitecture.com

Title

Date

Drawn:

Checked:

Scale:

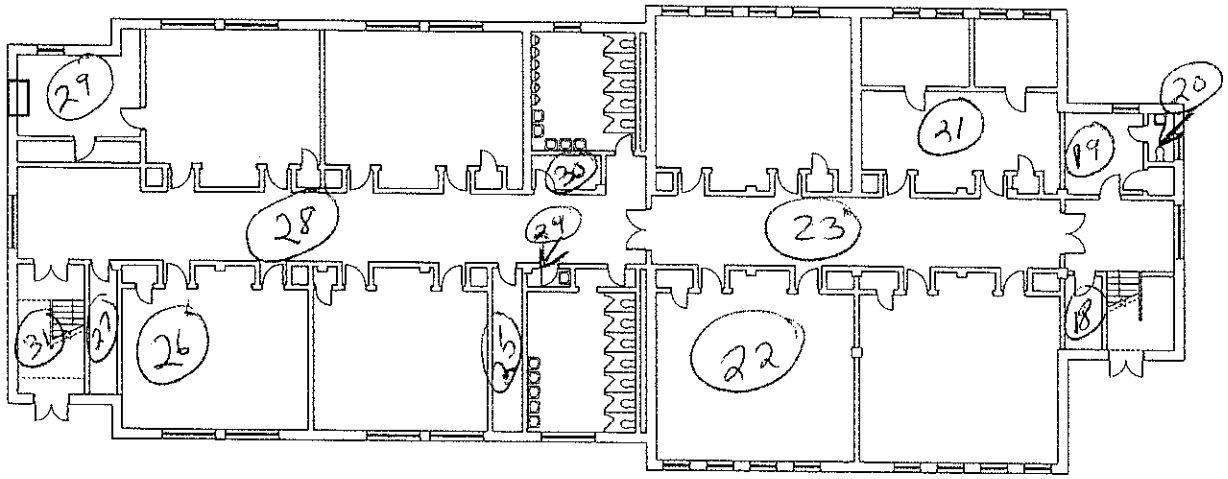
Issue No. 01

Project No.

DWG No.

Side 3

Side 2



Side 4

First Floor Plan

Side 1

PLEASE NOTE - NOT CONSTRUCTION

These drawings are provided to communicate the construction layout and design intent. Contractor will verify all existing dimensions and field conditions and will notify the architect of any discrepancies.

Issued

Status

Existing Conditions

No.	Date	Revision	By

Certification Stamp:

PROJECT

LITMAN ARCHITECTURE
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259 WATER STREET
WARREN, RHODE ISLAND 02885
Tel: 401-474-0780
Fax: 401-247-9252
www.litmanarchitecture.com

Title

Date

Drawn:

Checked:

Scale:

N

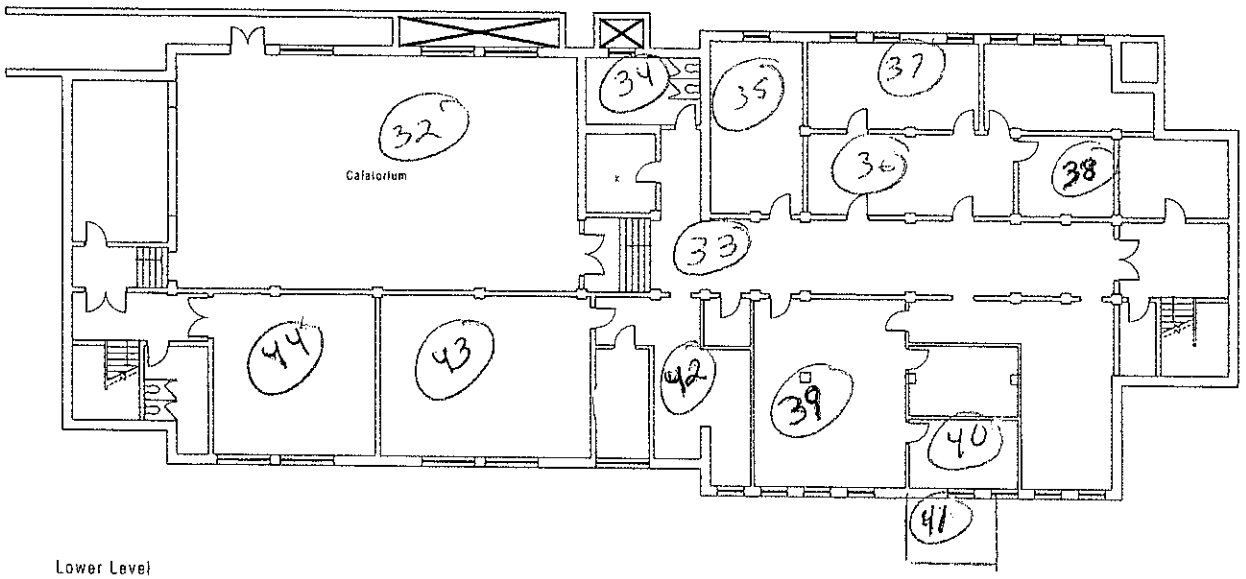
Issue No.
01

Project No.

DWG. No.

Side 3

Side 2



Side 4

Lower Level

Side 1

PLEASE NOTE - NOT FOR CONSTRUCTION

These drawings are provided to communicate the construction layout and design intent. Contractor will verify all existing dimensions and field conditions and will notify the Architect of any discrepancies.

Issued

Status
Existing Conditions

No.	Date	Revision	By

Certification Stamp

PROJECT

LITMAN ARCHITECTURE
JAY LITMAN, AIA
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www.litmanarchitecture.com

Title

Date

Drawn:

Checked:

Scale: 1" = 10'

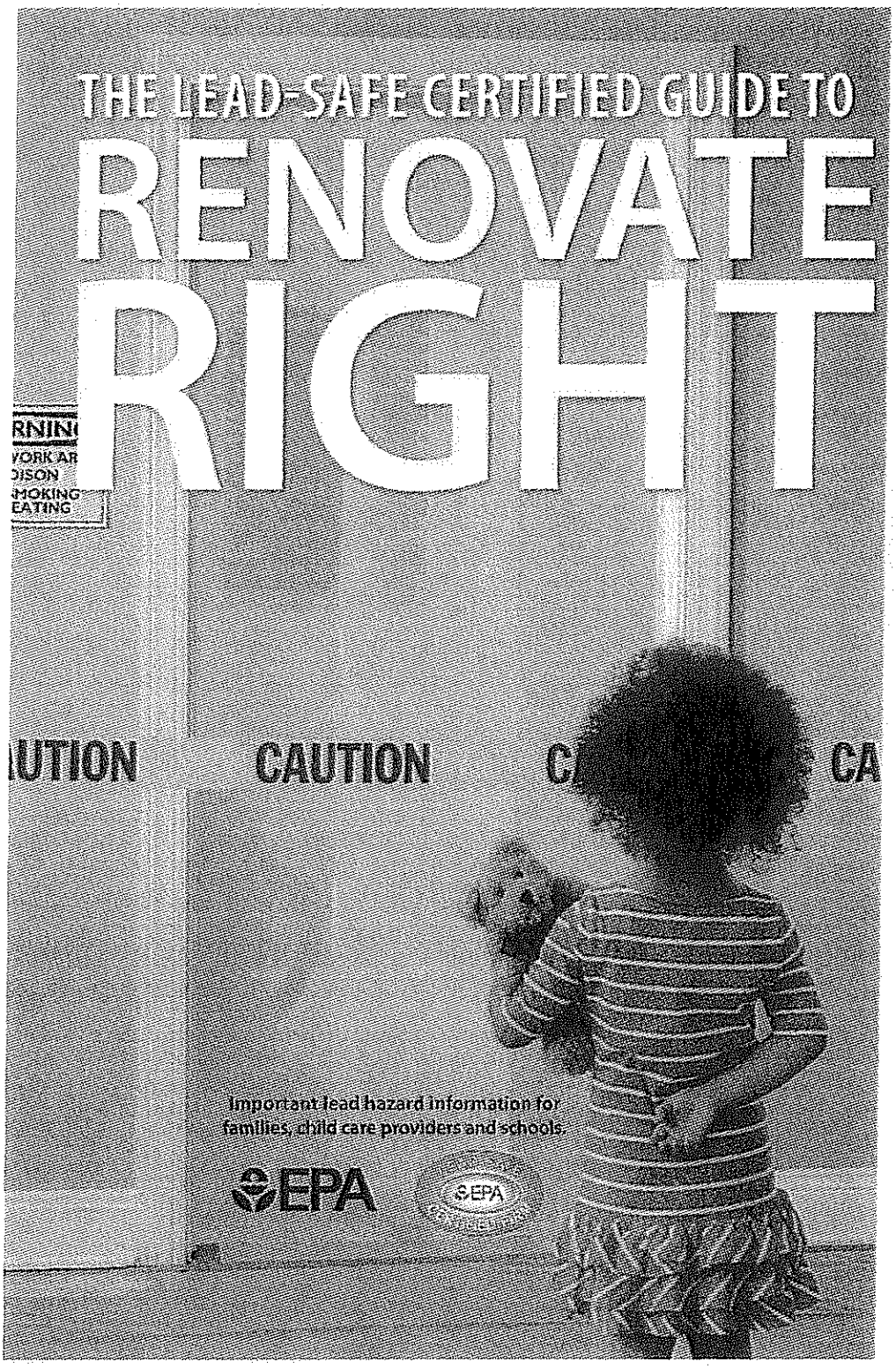
N

Issue No. 01

Project No.

DWG No.

The Lead-Safe Certified Guide to Renovate Right


THE LEAD-SAFE CERTIFIED GUIDE TO
RENOVATE RIGHT
CAUTION
CAUTION
Important lead hazard information for families, child care providers and schools.
EPA

The Rhode Island Department of Health (HEALTH) is authorized by the United States Environmental Protection Agency (EPA) to administer and enforce the federal Renovation, Repair, and Painting (RRP) Rule regarding lead hazard control activities (i.e., training, licensing, education, compliance, and enforcement). Property owners and contractors MUST comply with Rhode Island Rules and Regulations for Lead Poisoning Prevention [RI General Law 23-24.6-PB].

Rhode Island's definition of regulated facilities differs from the EPA's definition of target housing. In Rhode Island, the RRP Rule applies to the following regulated facilities:

- Residential rental units, whether occupied or vacant, including common areas;
- Single family residential dwellings and owner-occupied dwelling units in which one or more children younger than six years of age resides or is expected to reside within the next 12 months;
- Licensed childcare facilities whose primary purpose is or will be to educate or care for children younger than six years of age. This includes, but is not limited to, preschools, daycare facilities, nursery schools, public or private elementary schools, playgrounds, foster homes, and shelters;
- Any other property in which a child younger than six years of age resides or is expected to reside within the next 12 months for 14 or more days per year.

Rhode Island's regulations differ from the federal EPA RRP Rule as specified below:

- The Lead Hazard Control Firm MUST submit a Start Work Notification (Form PBLC-9) to HEALTH at least three business days before beginning work.
- A licensed Lead-Safe Remodeler/Renovator MUST be on site at all times.
- When the work is complete, a clearance inspection by a Rhode Island Certified Environmental Lead Inspector or Technician is required. The clearance inspection MUST include dust wipe samples analyzed by an approved laboratory. Once acceptable dust levels are achieved, the Certified Environmental Lead Inspector or Technician will issue a Certification of Acceptable Clearance Status (Form PBLC-27).
- Rhode Island recognizes positive sodium rhodizonate test kit results (e.g. Lead Check Swabs). EPA-recognized test kits are designed to determine the presence of lead above the federal standard of 0.5% (5,000 parts per million). Negative test results with these kits are, however, considered inconclusive in Rhode Island because Rhode Island's lead standards are more stringent. The RRP Rule still applies to surfaces where test kit results were negative unless laboratory analysis of paint chip samples, collected by a Rhode Island Certified Environmental Lead Inspector or Technician, confirms that the paint contains such low levels of lead that lead safe work practices are not required. The lead inspection report must be on HEALTH forms, include a copy of the laboratory report, be signed by a Certified Environmental Lead Inspector, and be kept for at least three years after completion of the job.

Please fill out the Rhode Island Pre-Renovation Notification form at the back of this pamphlet to document compliance with state regulations.

HEALTH Information Line: 401-222-5960 / RI Relay 711
www.health.ri.gov/lead

IT'S THE LAW!

Federal law requires contractors that disturb painted surfaces in homes, child care facilities and schools, built before 1978 to be certified and follow specific work practices to prevent lead contamination. Always ask to see your contractor's certification.

Federal law requires that individuals receive certain information before renovating more than six square feet of painted surfaces in a room for interior projects or more than twenty square feet of painted surfaces for exterior projects or window replacement or demolition in housing, child care facilities and schools built before 1978.

- Homeowners and tenants: renovators must give you this pamphlet before starting work.
- Child care facilities, including preschools and kindergarten classrooms, and the families of children under six years of age that attend those facilities: renovators must provide a copy of this pamphlet to child care facilities and general renovation information to families whose children attend those facilities.

WHO SHOULD READ THIS PAMPHLET?

This pamphlet is for you if you:

- Reside in a home built before 1978.
- Own or operate a child care facility, including preschools and kindergarten classrooms, built before 1978, or
- Have a child under six years of age who attends a child care facility built before 1978.

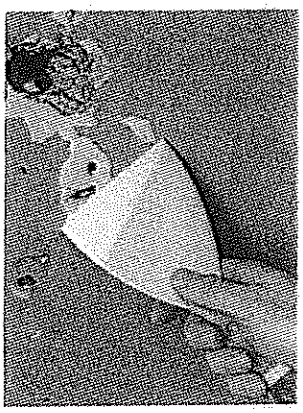
You will learn:

- Basic facts about lead and your health.
- How to choose a contractor, if you are a property owner.
- What tenants, and parents/guardians of a child in a child care facility or school should consider.
- How to prepare for the renovation or repair job.
- What to look for during the job and after the job is done.
- Where to get more information about lead.

This pamphlet is not for:

- **Abatement projects.** Abatement is a set of activities aimed specifically at eliminating lead or lead hazards. EPA has regulations for certification and training of abatement professionals. If your goal is to eliminate lead or lead hazards, contact the National Lead Information Center at **1-800-424-LEAD (5323)** for more information.
- **"Do-it-yourself" projects.** If you plan to do renovation work yourself, this document is a good start, but you will need more information to complete the work safely. Call the National Lead Information Center at **1-800-424-LEAD (5323)** and ask for more information on how to work safely in a home with lead-based paint.
- **Contractor education.** Contractors who want information about working safely with lead should contact the National Lead Information Center at **1-800-424-LEAD (5323)** for information about courses and resources on lead-safe work practices.

RENOVATING, REPAIRING, OR PAINTING?



- Is your home, your building, or the child care facility or school your children attend being renovated, repaired, or painted?
- Was your home, your building, or the child care facility or school where your children under six years of age attend built before 1978?

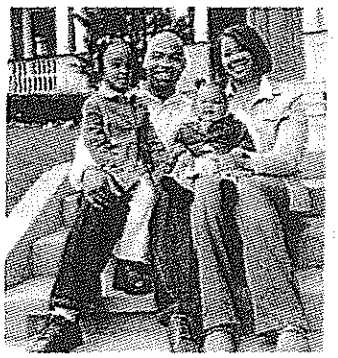
If the answer to these questions is YES, there are a few important things you need to know about lead-based paint.

This pamphlet provides basic facts about lead and information about lead safety when work is being done in your home, your building or the child care facility or school your children attend.

The Facts About Lead

- Lead can affect children's brains and developing nervous systems, causing reduced IQ, learning disabilities, and behavioral problems. Lead is also harmful to adults.
- Lead in dust is the most common way people are exposed to lead. People can also get lead in their bodies from lead in soil or paint chips. Lead dust is often invisible.
- Lead-based paint was used in more than 38 million homes until it was banned for residential use in 1978.
- Projects that disturb painted surfaces can create dust and endanger you and your family. Don't let this happen to you. Follow the practices described in this pamphlet to protect you and your family.

LEAD AND YOUR HEALTH



Lead is especially dangerous to children under six years of age.

Lead can affect children's brains and developing nervous systems, causing:

- Reduced IQ and learning disabilities.
- Behavior problems.

Even children who appear healthy can have dangerous levels of lead in their bodies.

Lead is also harmful to adults. In adults, low levels of lead can pose many dangers, including:

- High blood pressure and hypertension.
- Pregnant women exposed to lead can transfer lead to their fetuses. Lead gets into the body when it is swallowed or inhaled.
- People, especially children, can swallow lead dust as they eat, play, and do other normal hand-to-mouth activities.
- People may also breathe in lead dust or fumes if they disturb lead-based paint. People who sand, scrape, burn, brush or blast or otherwise disturb lead-based paint risk unsafe exposure to lead.

What should I do if I am concerned about my family's exposure to lead?

- Call your local health department for advice on reducing and eliminating exposures to lead inside and outside your home, child care facility or school.
- Always use lead-safe work practices when renovation or repair will disturb painted surfaces.
- A blood test is the only way to find out if you or a family member already has lead poisoning. Call your doctor or local health department to arrange for a blood test.

For more information about the health effects of exposure to lead, visit the EPA lead website at **www.epa.gov/lead/pubs/leadinfo.htm** or call **1-800-424-LEAD (5323)**.

There are other things you can do to protect your family every day.

- Regularly clean floors, window sills, and other surfaces.
- Wash children's hands, bottles, pacifiers, and toys often.
- Make sure children eat a healthy, nutritious diet consistent with the USDA's dietary guidelines, that helps protect children from the effects of lead.
- Wipe off shoes before entering house.

WHERE DOES THE LEAD COME FROM?

Dust is the main problem.

The most common way to get lead in the body is from dust. Lead dust comes from deteriorating lead-based paint and lead-contaminated soil that gets tracked into your home. This dust may accumulate to unsafe levels. Then, normal hand to-mouth activities, like playing and eating (especially in young children), move that dust from surfaces like floors and window sills into the body.

Home renovation creates dust.

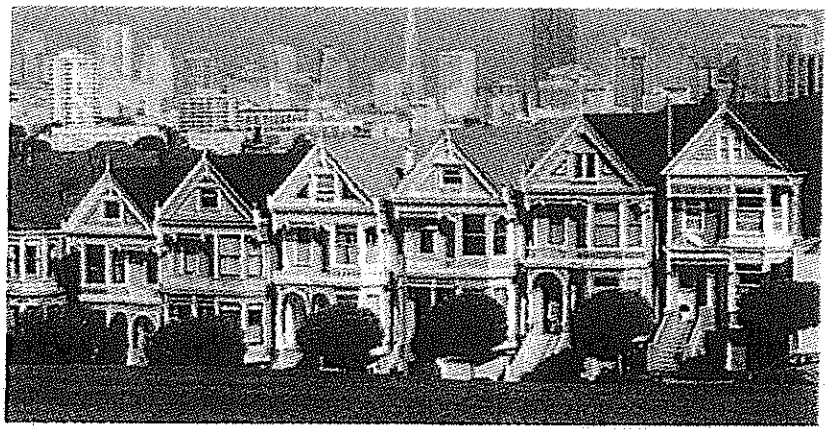
Common renovation activities like sanding, cutting, and demolition can create hazardous lead dust and chips.

Proper work practices protect you from the dust.

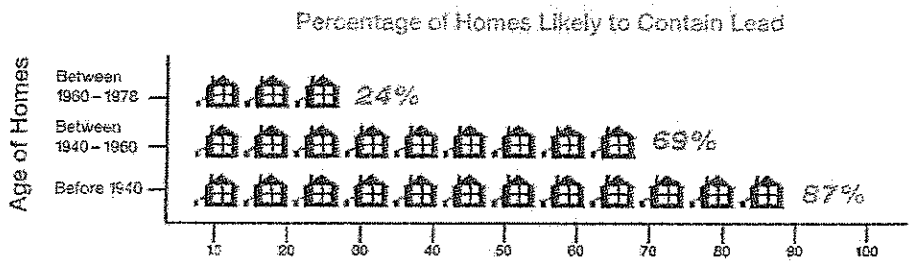
The key to protecting yourself and your family during a renovation, repair or painting job is to use lead-safe work practices such as containing dust inside the work area, using dust-minimizing work methods, and conducting a careful cleanup, as described in this pamphlet.

Other sources of lead.

Remember, lead can also come from outside soil, your water, or household items (such as lead-glazed pottery and lead crystal). Contact the National Lead Information Center at 1-800-424-LEAD (5323) for more information on these sources.



CHECKING YOUR HOME FOR LEAD-BASED PAINT



Older homes, child care facilities, and schools are more likely to contain lead-based paint.

Homes may be single-family homes or apartments. They may be private, government-assisted, or public housing. Schools are preschools and kindergarten classrooms. They may be urban, suburban, or rural.

You have the following options:

You may decide to assume your home, child care facility, or school contains lead. Especially in older homes and buildings, you may simply want to assume lead-based paint is present and follow the lead-safe work practices described in this brochure during the renovation, repair, or painting job.

You can hire a certified professional to check for lead-based paint. These professionals are certified risk assessors or inspectors, and can determine if your home has lead or lead hazards.

- A certified inspector or risk assessor can conduct an inspection telling you whether your home, or a portion of your home, has lead-based paint and where it is located. This will tell you the areas in your home where lead-safe work practices are needed.
- A certified risk assessor can conduct a risk assessment telling you if your home currently has any lead hazards from lead in paint, dust, or soil. The risk assessor can also tell you what actions to take to address any hazards.
- For help finding a certified risk assessor or inspector, call the National Lead Information Center at **1-800-424-LEAD (5323).**

You may also have a certified renovator test the surfaces or components being disturbed for lead using a lead test kit. Test kits must be EPA-recognized and are available at hardware stores. They include detailed instructions for their use.

FOR PROPERTY OWNERS

You have the ultimate responsibility for the safety of your family, tenants, or children in your care.

This means properly preparing for the renovation and keeping persons out of the work area (see p. 8). It also means ensuring the contractor uses lead-safe work practices.

Federal law requires that contractors performing renovation, repair and painting projects that disturb painted surfaces in homes, child care facilities, and schools built before 1978 be certified and follow specific work practices to prevent lead contamination.

Make sure your contractor is certified, and can explain clearly the details of the job and how the contractor will minimize lead hazards during the work.

- You can verify that a contractor is certified by checking EPA's website at epa.gov/getleadsafe or by calling the National Lead Information Center at 1-800-424-LEAD (5323). You can also ask to see a copy of the contractor's firm certification.
- Ask if the contractor is trained to perform lead-safe work practices and to see a copy of their training certificate.
- Ask them what lead-safe methods they will use to set up and perform the job in your home, child care facility or school.
- Ask for references from at least three recent jobs involving homes built before 1978, and speak to each personally.

Always make sure the contract is clear about how the work will be set up, performed, and cleaned.

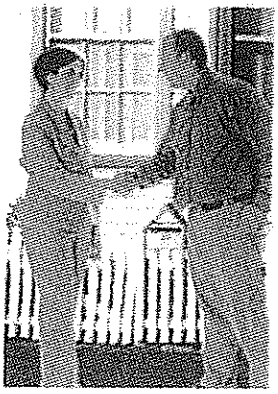
- Share the results of any previous lead tests with the contractor.
- You should specify in the contract that they follow the work practices described on pages 9 and 10 of this brochure.
- The contract should specify which parts of your home are part of the work area and specify which lead-safe work practices will be used in those areas. Remember, your contractor should confine dust and debris to the work area and should minimize spreading that dust to other areas of the home.
- The contract should also specify that the contractor will clean the work area, verify that it was cleaned adequately, and re-clean it if necessary.

If you think a worker is not doing what he is supposed to do or is doing something that is unsafe, you should:

- Direct the contractor to comply with regulatory and contract requirements.
- Call your local health or building department, or
- Call EPA's hotline 1-800-424-LEAD (5323).

If your property receives housing assistance from HUD (or a state or local agency that uses HUD funds), you must follow the requirements of HUD's Lead-Safe Housing Rule and the ones described in this pamphlet.

FOR TENANTS AND FAMILIES OF CHILDREN UNDER SIX YEARS OF AGE IN CHILD CARE FACILITIES AND SCHOOLS



You play an important role ensuring the ultimate safety of your family.

This means properly preparing for the renovation and staying out of the work area (see p. 8).

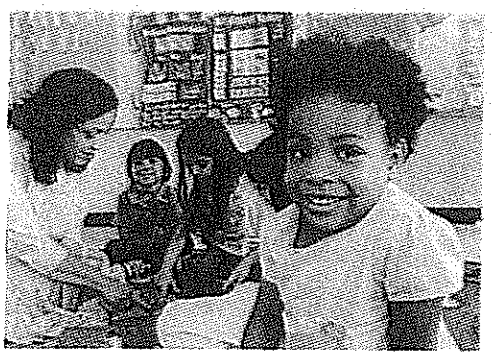
Federal law requires that contractors performing renovation, repair and painting projects that disturb painted surfaces in homes built before 1978 and in child care facilities and schools built before 1978, that a child under six years of age visits regularly, to be certified and follow specific work practices to prevent lead contamination.

The law requires anyone hired to renovate, repair, or do painting preparation work on a property built before 1978 to follow the steps described on pages 9 and 10 unless the area where the work will be done contains no lead-based paint.

If you think a worker is not doing what he is supposed to do or is doing something that is unsafe, you should:

- Contact your landlord.
- Call your local health or building department, or
- Call EPA's hotline 1-800-424-LEAD (5323).

If you are concerned about lead hazards left behind after the job is over, you can check the work yourself (see page 10).



PREPARING FOR A RENOVATION

The work areas should not be accessible to occupants while the work occurs.

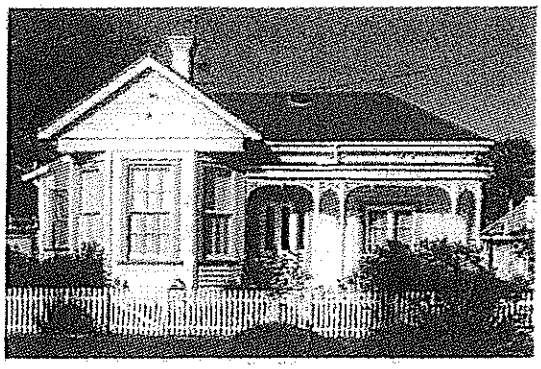
The rooms or areas where work is being done may need to be blocked off or sealed with plastic sheeting to contain any dust that is generated. Therefore, the contained area may not be available to you until the work in that room or area is complete, cleaned thoroughly, and the containment has been removed. Because you may not have access to some areas during the renovation, you should plan accordingly.

You may need:

- Alternative bedroom, bathroom, and kitchen arrangements if work is occurring in those areas of your home.
- A safe place for pets because they too can be poisoned by lead and can track lead dust into other areas of the home.
- A separate pathway for the contractor from the work area to the outside in order to bring materials in and out of the home. Ideally, it should not be through the same entrance that your family uses.
- A place to store your furniture. All furniture and belongings may have to be moved from the work area while the work is being done. Items that can't be moved, such as cabinets, should be wrapped in plastic.
- To turn off forced-air heating and air conditioning systems while the work is being done. This prevents dust from spreading through vents from the work area to the rest of your home. Consider how this may affect your living arrangements.

You may even want to move out of your home temporarily while all or part of the work is being done.

Child care facilities and schools may want to consider alternative accommodations for children and access to necessary facilities.



DURING THE WORK

Federal law requires contractors that are hired to perform renovation, repair and painting projects in homes, child care facilities, and schools built before 1978 that disturb painted surfaces to be certified and follow specific work practices to prevent lead contamination.

The work practices the contractor must follow include these three simple procedures, described below:

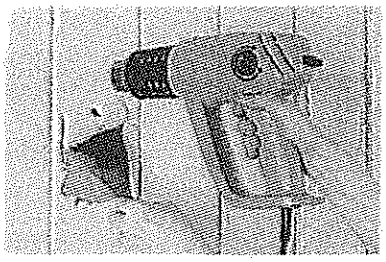
1. **Contain the work area.** The area must be contained so that dust and debris do not escape from that area. Warning signs must be put up and plastic or other impermeable material and tape must be used as appropriate to:

   - Cover the floors and any furniture that cannot be moved.
   - Seal off doors and heating and cooling system vents.

These will help prevent dust or debris from getting outside the work area.

2. **Avoid renovation methods that generate large amounts of lead-contaminated dust.** Some methods generate so much lead-contaminated dust that their use is prohibited. They are:

   - Open flame burning or torching.
   - Sanding, grinding, planing, needle gunning, or blasting with power tools and equipment not equipped with a shroud and HEPA vacuum attachment.
   - Using a heat gun at temperatures greater than 1100°F.



There is no way to eliminate dust, but some renovation methods make less dust than others. Contractors may choose to use various methods to minimize dust generation, including using water to mist areas before sanding or scraping; scoring paint before separating components; and prying and pulling apart components instead of breaking them.

3. **Clean up thoroughly.** The work area should be cleaned up daily to keep it as clean as possible. When all the work is done, the area must be cleaned up using special cleaning methods before taking down any plastic that isolates the work area from the rest of the home. The special cleaning methods should include:

   - Using a HEPA vacuum to clean up dust and debris on all surfaces, followed by
   - Wet wiping and wet mopping with plenty of rinse water.

When the final cleaning is done, look around. There should be no dust, paint chips, or debris in the work area. If you see any dust, paint chips, or debris, the area must be re-cleaned.

FOR PROPERTY OWNERS: AFTER THE WORK IS DONE

When all the work is finished, you will want to know if your home, child care facility, or school has been cleaned up properly. Here are some ways to check.

Ask about your contractor's final cleanup check. Remember, lead dust is often invisible to the naked eye. It may still be present even if you cannot see it. The contractor must use disposable cleaning cloths to wipe the floor of the work area and compare them to a cleaning verification card to determine if the work area was adequately cleaned.

To order a cleaning verification card and detailed instructions visit the EPA lead website at www.epa.gov/lead or contact the National Lead Information Center at 1-800-424-LEAD (5323) or visit their website at www.epa.gov/lead/nlic.htm.

You also may choose to have a lead-dust test. Lead-dust tests are wipe samples sent to a laboratory for analysis.

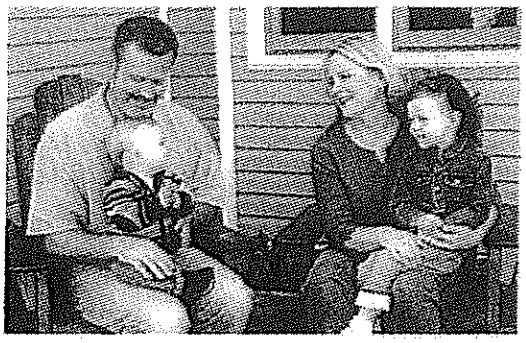
- You should specify in your contract that a lead-dust test will be done. In this case, make it clear who will do the testing.
- Testing should be done by a lead professional.

If you choose to do the testing, some EPA-recognized lead laboratories will send you a kit that allows you to collect samples and send them back to the lab for analysis.

Contact the National Lead Information Center at 1-800-424-LEAD (5323) for lists of qualified professionals and EPA-recognized lead labs.

If your home, child care facility, or school fails the dust test, the area should be re-cleaned and tested again.

Where the project is done by contract, it is a good idea to specify in the contract that the contractor is responsible for re-cleaning if the home, child care facility, or school fails the test.



FOR ADDITIONAL INFORMATION

You may need additional information on how to protect yourself and your children while a job is going on in your home, your building, or child care facility.

The National Lead Information Center at **1-800-424-LEAD (5323)** or **www.epa.gov/lead/nlic.htm** can tell you how to contact your state, local, and/or tribal programs or get general information about lead poisoning prevention.

- State and tribal lead poisoning prevention or environmental protection programs can provide information about lead regulations and potential sources of financial aid for reducing lead hazards. If your state or local government has requirements more stringent than those described in this pamphlet, you must follow those requirements.
- Local building code officials can tell you the regulations that apply to the renovation work that you are planning.
- State, county, and local health departments can provide information about local programs, including assistance for lead-poisoned children and advice on ways to get your home checked for lead.

The National Lead Information Center can also provide a variety of resource materials, including the following guides to lead-safe work practices. Many of these materials are also available at **www.epa.gov/lead/pubs/brochure.htm**.

- Steps to Lead Safe Renovation, Repair and Painting.
- Protect Your Family from Lead in Your Home
- Lead in Your Home: A Parent's Reference Guide

For the hearing impaired, call the Federal Information Relay Service at 1-800-877-8339 to access any of the phone numbers in this brochure.

EPA CONTACTS

EPA Regional Offices

EPA addresses residential lead hazards through several different regulations. EPA requires training and certification for conducting abatement and renovations, education about hazards associated with renovations, disclosure about known lead paint and lead hazards in housing, and sets lead-paint hazard standards.

Your Regional EPA Office can provide further information regarding lead safety and lead protection programs at epa.gov/lead.

Region 1
(Connecticut, Massachusetts, Maine, New Hampshire, Rhode Island, Vermont)
Regional Lead Contact
U.S. EPA Region 1
Suite 1100
One Congress Street
Boston, MA 02114-2023
(888) 372-7341

Region 2
(New Jersey, New York, Puerto Rico, Virgin Islands)
Regional Lead Contact
U.S. EPA Region 2
2890 Woodbridge Avenue
Building 205, Mail Stop 225
Edison, NJ 08837-3679
(732) 321-6671

Region 3
(Delaware, Maryland, Pennsylvania, Virginia, Washington, DC, West Virginia)
Regional Lead Contact
U.S. EPA Region 3
1650 Arch Street
Philadelphia, PA
19103-2029
(215) 814-5000

Region 4
(Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee)
Regional Lead Contact
U.S. EPA Region 4
61 Forsyth Street, SW
Atlanta, GA 30303-8960
(404) 562-9900

Region 5
(Illinois, Indiana, Michigan, Minnesota, Ohio, Wisconsin)
Regional Lead Contact
U.S. EPA Region 5
77 West Jackson Boulevard
Chicago, IL 60604-3507
(312) 886-6003

Region 6
(Arkansas, Louisiana, New Mexico, Oklahoma, Texas)
Regional Lead Contact
U.S. EPA Region 6
1445 Ross Avenue,
12th Floor
Dallas, TX 75202-2733
(214) 665-6444

Region 7
(Iowa, Kansas, Missouri, Nebraska)
Regional Lead Contact
U.S. EPA Region 7
901 N. 5th Street
Kansas City, KS 66101
(913) 551-7003

Region 8
(Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming)
Regional Lead Contact
U.S. EPA Region 8
1595 Wynkoop Street
Denver, CO 80202
(303) 312-6312

Region 9
(Arizona, California, Hawaii, Nevada)
Regional Lead Contact
U.S. Region 9
75 Hawthorne Street
San Francisco, CA 94105
(415) 947-8021

Region 10
(Alaska, Idaho, Oregon, Washington)
Regional Lead Contact
U.S. EPA Region 10
1200 Sixth Avenue
Seattle, WA 98101-1128
(206) 553-1200

OTHER FEDERAL AGENCIES

CPSC

The Consumer Product Safety Commission (CPSC) protects the public from the unreasonable risk of injury or death from 15,000 types of consumer products under the agency's jurisdiction. CPSC warns the public and private sectors to reduce exposure to lead and increase consumer awareness. Contact CPSC for further information regarding regulations and consumer product safety.

CPSC
4330 East West Highway
Bethesda, MD 20814
Hotline 1-(800) 638-2772
www.cpsc.gov

CDC Childhood Lead Poisoning Prevention Branch

The Centers for Disease Control and Prevention (CDC) assists state and local childhood lead poisoning prevention programs to provide a scientific basis for policy decisions, and to ensure that health issues are addressed in decisions about housing and the environment. Contact CDC Childhood Lead Poisoning Prevention Program for additional materials and links on the topic of lead.

CDC Childhood Lead Poisoning Prevention Branch
4770 Buford Highway, MS F-40
Atlanta, GA 30341
(770) 488-3300
www.cdc.gov/nceh/lead

HUD Office of Healthy Homes and Lead Hazard Control

The Department of Housing and Urban Development (HUD) provides funds to state and local governments to develop cost-effective ways to reduce lead-based paint hazards in America's privately-owned low-income housing. In addition, the office enforces the rule on disclosure of known lead paint and lead hazards in housing, and HUD's lead safety regulations in HUD-assisted housing, provides public outreach and technical assistance, and conducts technical studies to help protect children and their families from health and safety hazards in the home. Contact the HUD Office of Healthy Homes and Lead Hazard Control for information on lead regulations, outreach efforts, and lead hazard control research and outreach grant programs.

U.S. Department of Housing and Urban Development
Office of Healthy Homes and
Lead Hazard Control
451 Seventh Street, SW, Room 8236
Washington, DC 20410-3000
HUD's Lead Regulations Hotline
(202) 402-7698
www.hud.gov/offices/lead/

SAMPLE PRE-RENOVATION FORM

This sample form may be used by renovation firms to document compliance with the Federal pre-renovation education and renovation, repair, and painting regulations.

Occupant Confirmation

Pamphlet Receipt

☐ I have received a copy of the lead hazard information pamphlet informing me of the potential risk of the lead hazard exposure from renovation activity to be performed in my dwelling unit. I received this pamphlet before the work began.

_____

Printed Name of Owner-occupant

_____ _____

Signature of Owner-occupant Signature Date

Renovator's Self Certification Option (for tenant-occupied dwellings only)

Instructions to Renovator: If the lead hazard information pamphlet was delivered but a tenant signature was not obtainable, you may check the appropriate box below.

☐ Declined – I certify that I have made a good faith effort to deliver the lead hazard information pamphlet to the rental dwelling unit listed below at the date and time indicated and that the occupant declined to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit with the occupant.

☐ Unavailable for signature – I certify that I have made a good faith effort to deliver the lead hazard information pamphlet to the rental dwelling unit listed below and that the occupant was unavailable to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit by sliding it under the door or by (fill in how pamphlet was left).

_____ _____

Printed Name of Person Certifying Delivery Attempted Delivery Date

_____

Signature of Person Certifying Lead Pamphlet Delivery

_____

_____

_____

Unit Address

Note Regarding Mailing Option — As an alternative to delivery in person, you may mail the lead hazard information pamphlet to the owner and/or tenant. Pamphlet must be mailed at least seven days before renovation. Mailing must be documented by a certificate of mailing from the post office.

RHODE ISLAND PRE-RENOVATION NOTIFICATION

Pre-Renovation Education and Renovation, Repair, and Painting Owner / Occupant Notification Form

Occupant Confirmation of Pamphlet Receipt

❑ I have received a copy of the pamphlet *The Lead-Safe Certified Guide to Renovate Right* informing me of the potential risks of lead hazard exposure from renovation activity to be performed in my dwelling unit. I received this pamphlet before the work began.

Recipient's Name Date

Recipient's Signature Date

Street Address, Apartment Number, City

Lead-Safe Remodeler/Renovator Self-Certification Option (for tenant-occupied dwellings only)

If the lead hazard information pamphlet was delivered but a signature could not be obtained, you MUST check the appropriate box below:

❑ Declined – I certify that I made a good faith effort to deliver the *Renovate Right* pamphlet to the rental dwelling unit listed below at the date and time indicated and that the occupant declined to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit with the occupant.

❑ Unavailable for signature – I certify that I have made a good faith effort to deliver the *Renovate Right* pamphlet to the rental dwelling unit listed below and that the occupant was unavailable to sign the confirmation of receipt. I further certify that I have left a copy of the pamphlet at the unit by sliding it under the door or by (fill in how the pamphlet was left):

Printed Name of Person Certifying Delivery Attempted Delivery Date and Time

Signature of Person Certifying Delivery

Street Address, Apartment Number, City

Note Regarding Mailing Option — As an alternative to delivery in person, you may mail the Renovate Right pamphlet to the owner and occupant. The pamphlet must be mailed at least seven days before renovation. Mailing must be documented by a certificate of mailing from the post office.

form continued on back of page

Rhode Island Clearance Inspection Requirement

The Lead Hazard Control Firm or the property owner is required to hire a Rhode Island Certified Environmental Lead Inspector or Technician to conduct a clearance inspection using dust wipe sampling and, if applicable, obtain a Certification of Acceptable Clearance Status or Certification of Lead-Safe Status. Critical barriers cannot be removed until dust wipe samples, analyzed by an approved laboratory, pass clearance. The Lead Hazard Control Firm must receive a copy of the clearance certification and retain the certification with this form in its records for at least three years. The property owner must receive and retain copies of all certifications, inspections, and laboratory reports for as long as he/she owns the property.

Clearance Inspection Certification

❑ I certify that I informed the property owner of the clearance inspection requirement.

The ❑ Owner or ❑ Lead Hazard Control Firm (check one) will arrange for the clearance inspection and applicable certification(s).

Owner's Name	Owner's Signature	Date
	LHCF –	
Lead Hazard Control Firm's Name	License No.	
	LRM –	
Lead-Safe Remodeler/Renovator's Name	License No.	
Lead-Safe Remodeler/Renovator's Signature		Date

RHODE ISLAND DEPARTMENT OF HEALTH

OSHA Lead Construction Brochure

22.11: Work Practices and Other Requirements For Renovation Work

(1) Applicability. The requirements of 454 CMR 22.11 shall apply to all Renovation Work which results, or may result, in the disturbance of paint, paint debris, plaster or other materials containing Dangerous Levels of Lead. Because the requirements of 454 CMR 22.11 shall apply to all such Renovation Work, whether or not a lead paint inspection or determination has been performed, Renovation Work conducted in residences constructed prior to 1978 should be carried out as if Dangerous Levels of Lead were present, in accordance with the provisions of 454 CMR 22.11, unless testing performed in accordance with 105 CMR 460.000 or using another scientifically valid method has indicated the absence of Dangerous Levels of Lead.

(2) Licensing and Certification Exemption for Persons Performing Renovation Work. Renovation Work may be performed by persons who do not possess the licenses and certificates required under 454 CMR 22.00 for persons engaged in Class I or Moderate-Risk Deleading, provided that all persons participating in said Renovation Work in the capacity of employees have received the training specified by the OSHA Lead In Construction Standard at 29 CFR Part 1926.62(l).

(3) Prohibition on the Use of Minors. No person under the age of 18 years shall be employed to work on any Renovation Project.

(4) Personal Protection and Hygienic Precautions. The employer or other entity carrying out Renovation Work shall provide the medical monitoring and personal protective equipment specified by 454 CMR 22.09. No person shall eat, drink, smoke, chew gum or tobacco, or apply cosmetics in any Work Area.

(5) Distribution of Acceptable Lead Hazard Information. Persons or entities who carry out Renovation Work subject to the requirements of 40 CFR Part 745, Subpart E (sec. 745.80 through 745.88), shall comply with all requirements of that Subpart including, without limitation, those pertaining to the distribution of the specified lead hazard information.

(6) Work Practice Requirements.

(a) Exclusion of Personnel. All persons not directly engaged in work operations shall be excluded from the Work Area at all times when work is in progress and until such time as said area is sufficiently cleaned of lead dust, debris or other contamination as to preclude incidental exposure of occupants or other persons. Signs, barriers or other appropriate means necessary to effect the security of the Work Area shall be used.

(b) Shutdown and Isolation of HVAC Systems. Where the Work Area of the facility being renovated is serviced by a forced air heating, ventilation or air conditioning system (HVAC), said system shall be shut down and all ducts opening into the Work Area shall be covered with taped-down plastic sheeting or other impermeable material prior to the commencement of the work.

(c) Removal of Movable Objects. All movable objects which may be contaminated by lead dust or debris from the work activity shall be removed from the Work Area.

(d) Covering of Non-Movable Objects. All non-movable or fixed objects remaining within the Work Area shall be sufficiently covered with taped-down plastic sheeting or other appropriate impermeable material, so as to prevent their contamination.

(e) Isolation of the Work Area. The Work Area shall be sufficiently isolated from adjacent interior spaces of the dwelling by plastic sheeting or other appropriate impermeable material to prevent contamination of said adjacent spaces.

(f) Doors and Windows. Where lead paint or lead-painted fixtures or structures, such as windows, are removed from the exterior of a residence, all doors and windows on the side of the residence from which lead paint, fixtures or structures are being removed, on the same floor, and on all floors below shall be closed for the duration of the work.

(g) Plants and Ground. The ground and any plants or shrubs in the area in which exterior lead paint removal or other work which disturbs exterior lead paint is taking place shall be covered with a tarpaulin or other appropriate impermeable material. Said covering shall extend out from the edge of the structure a sufficient distance to collect any and all falling paint debris.

(h) Prevention of Remote Contamination. Exterior renovation work shall be conducted so as to confine any generated lead dust or debris to the Work Area, and in no case shall said project be equipped and operated so as to permit the migration of generated lead dust or debris to an abutting property. Barriers and engineering controls may be employed to comply with 454 CMR 22.11(5)(h).
(i) Material Disposition. Paint chips or other materials containing Dangerous Levels of Lead generated during work operations shall not be allowed to fall distances in excess of forty feet, except where such transfer of lead-containing materials takes place in dust-tight chutes or enclosures.
(j) Clean-up Requirements. All interior and exterior surfaces which may have become contaminated with lead dust or debris and all tools and equipment used during work operations shall be cleaned of contamination at the conclusion of the project. Acceptable cleaning methods shall include HEPA-filtered vacuuming, wet wiping or washing using solutions of tri-sodium phosphate or any general household detergent and other forms of low-disturbance mechanical transfer. Dry sweeping and compressed air release shall not be employed as cleaning methods.
(k) Prohibition on Burning as a Method of Lead Paint Removal. The use of open-flame burning as a method of removing lead paint from interior and exterior building surfaces of residences is expressly prohibited by 454 CMR 22.00.
(l) Protection of the Environment. Adequate precautions shall be implemented to ensure that the outside environment is protected according to applicable EPA and DEP regulations.
(m) Waste Disposal. The preparation, transportation and disposal of waste material containing lead shall be carried out in accordance with applicable EPA, DOT and DEP regulations.

Lead poisoning may occur when workers inhale or ingest lead dust and fumes during abrasive blasting, sanding, cutting, burning, or welding of bridges and other steel structures coated with lead-containing paints. Data presented in this document reveal lead poisoning among workers who were wearing respirators. Therefore, a prudent policy is to minimize the risk of adverse health effects by keeping lead concentrations as low as possible and by using all available controls--including engineering controls, work practices, and respiratory protection. To help achieve the *Healthy People 2000* [DHHS 1990] objective of limiting worker blood lead concentrations to 25 μg/dl, NIOSH recommends the following measures for reducing lead exposure and preventing lead poisoning among workers involved in demolishing or maintaining bridges and other steel structures.

Air Monitoring

An industrial hygienist or other qualified professional should perform an initial hazard assessment of the worksite to determine the composition of the paint. Environmental monitoring should also be performed to (1) measure worker exposure to airborne lead and other hazardous agents (e.g., silica and solvents), and (2) select the engineering controls and PPE required. Environmental monitoring should be performed as needed to measure the effectiveness of controls and to determine whether the proper respiratory protection is being worn. Air samples should be collected and analyzed according to NIOSH methods [NIOSH 1984] or their equivalent.

Engineering Controls

Engineering controls should be used to minimize exposures to lead at the worksite. At a minimum, airborne lead exposures should not exceed the current OSHA PEL for general industry (50 $\mu g/m^3$). Wherever possible, engineering controls should include material substitution (i.e., repainting of structures with less toxic material), process and equipment modification, isolation or automation, and local and general exhaust ventilation. The appropriate types of controls vary with the operation.

Welding, Cutting, or Burning

Before welding, cutting, or burning any metal coated with lead-containing materials, remove the coating to a point at least 4 inches from the area where heat will be applied [29 CFR 1926.354]. When removal of lead-containing paint is not feasible, use engineering controls (e.g., local exhaust ventilation) to protect workers who are welding, cutting, or burning lead-bearing materials. Such controls should be used to remove fumes and smoke at the source and to keep the concentration of lead in the breathing zone below the OSHA PEL. Contaminated air should be filtered before it is

discharged into the environment well away from the source of intake air and other workers. Replace contaminated air with clean air [29 CFR 1926.353].

Surface Preparation

When performing abrasive blasting, scaling, chipping, grinding, or other operations to remove lead-containing paint, use work practices that minimize the amount of dust generated. Less dusty blasting techniques include centrifugal blasting (using rotating blades to propel the abrasive, which is recovered and recycled), wet blasting (using high-pressure water with or without an abrasive, or surrounding the blast nozzle with a ring of water), and vacuum blasting (shrouding the nozzle with local exhaust ventilation) [Rex 1990]. Other methods that reduce dust include scraping, heating and scraping, use of needle guns, and chemical removal.

Materials containing crystalline silica should *not* be used as abrasives for any blasting operation, including paint removal [NIOSH 1988b]. Crystalline silica is associated with silicosis and is classified by NIOSH as a potential occupational carcinogen [NIOSH 1988d].

Lead-containing dust and abrasive materials should be removed daily by using vacuums equipped with HEPA filters or by using wet methods to prevent lead-containing particles from becoming airborne [Steel Structures Painting Council 1991].

Work Inside Containment Structures

Containment structures are often used to reduce environmental contamination by capturing particles of paint and used blasting materials. Although such structures reduce environmental contamination, they may also increase lead exposures for workers (see Figure 1). Ventilation should be provided to reduce the airborne concentration of lead and increase visibility. Containment structures should be designed to optimize the flow of ventilation air past the worker(s). Insofar as possible, workers should be upstream from the blasting operation to reduce exposure to lead dust entrained in the ventilation air and to improve visibility. Designs for the containment structure and ventilation systems should be specific to each task because of varied conditions at the worksite (i.e., the type of steel structure being blasted, the type of blasting methods, and the type of materials used for construction).

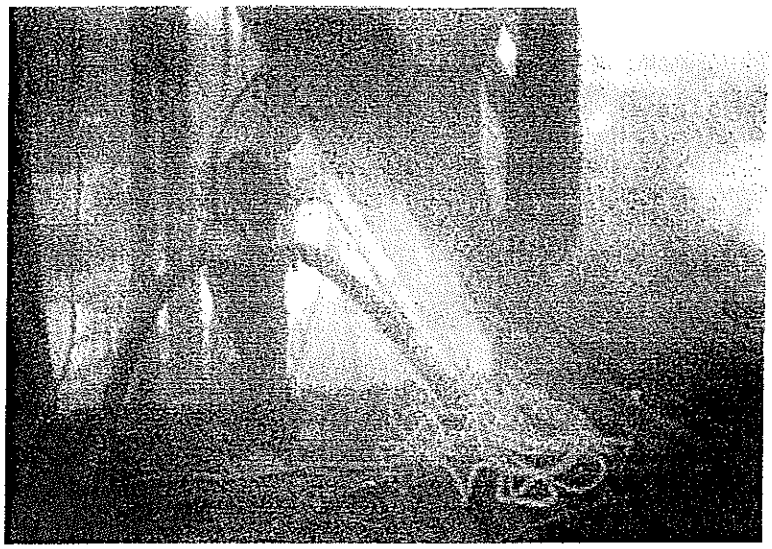


Figure 1. Construction worker using a HEPA-filter vacuum inside a containment structure. Note that the worker is obscured by a high airborne concentration of dust.

Contract Specifications

All new contracts of Federal, State, and local departments of transportation should include specifications for a mandatory program of worker protection from lead poisoning during the maintenance, repainting, or demolition of bridges and other steel structures.

Personal Hygiene Practice

Personal hygiene is an important element of any program for protecting workers from exposure to lead dust [Ulenbelt et al. 1990]. OSHA requires employers to provide adequate washing facilities at the worksite so that workers can remove lead particles that accumulate on the skin and hair [29 CFR 1926.51]. Showers should also be available [OSHA/NIOSH 1991].

All workers exposed to lead should wash their hands and faces before eating, drinking, or smoking, and they should not eat, drink, or use tobacco products in the work area. Tobacco products (cigarettes, cigars, chewing tobacco, etc.) and food items should not be permitted in the work area. Contaminated work clothes should be removed before eating.

Workers should change into work clothes at the worksite. Work clothes include disposable or washable coveralls. Street clothes should be stored separately from work clothes in a clean area provided by the employer. Separate lockers or storage facilities should be provided so that clean clothing is not contaminated by work clothing and shoes. Workers should change back into their street clothes after washing or showering and before leaving the worksite to prevent the accumulation of lead dust in the workers' cars and homes and thereby protect family members from exposure to lead. Cars should be parked where they will not be contaminated with lead.

Employers should arrange for the laundering of protective clothing; or, if disposable protective clothing is used, the employer should maintain an adequate supply at the worksite and arrange for its safe disposal according to applicable Federal [40 CFR 260] and State regulations.

Warning Signs

Warning signs should be posted to mark the boundaries of lead-contaminated work areas. These signs should follow the example presented in the OSHA general industry standard [29 CFR 1910.1025], which warns about the lead hazard and prohibits eating and drinking in the area. Such signs should also specify any PPE required (for example, respirators). The sample sign in Figure 2 contains all the information needed for a lead-contaminated work area where respirators are required.

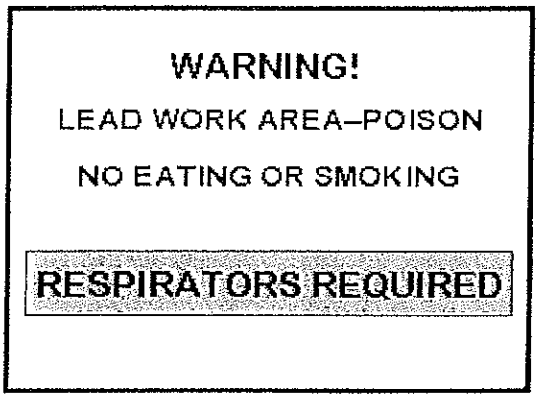


Figure 2. Sample of warning sign for lead work area requiring respirators.

Personal Protective Equipment (PPE)

Engineering controls and good work practices should be used to minimize worker exposure to lead. Because of the variable exposure concentrations in the construction industry and the difficulty of monitoring a mobile workforce, PPE should be used whenever workers are potentially exposed to lead [OSHA/NIOSH 1991]. The use of PPE should supplement the continued use of engineering controls and good work practices.

Protective Clothing

Protective clothing not only shields workers from the hazards of welding and abrasive blasting, but it also minimizes the accumulation of lead on the worker's skin and hair. Workers should change into washable coveralls or disposable clothing before entering the contaminated work area. Because wearing PPE (especially protective clothing) can contribute to the development of heat stress [NIOSH/OSHA/USCG/EPA 1985], a potentially serious illness, regular monitoring and other preventive measures are vital [NIOSH 1986].

To minimize the amount of lead that may accumulate in the worker's car and home and to protect the members of the worker's household, lead-contaminated clothing (including work shoes) should be left

at the worksite for cleaning or disposal. Workers who are welding, cutting, or burning should wear nonflammable clothing [NIOSH 1988a].

Respiratory Protection

Effective source control measures (such as containment or local exhaust ventilation) should be implemented to minimize worker exposure to lead. NIOSH prefers such measures as the primary means of protecting workers; but source control at construction sites is often ineffective, and airborne lead concentrations may be high or may vary unpredictably. Therefore, respiratory protection is also necessary for certain operations such as blasting, sweeping, and vacuuming, and for other jobs as determined at the worksite by an industrial hygienist or other qualified professional. However, respirators are the least preferred method of controlling lead exposure, and *they should not be used as the only means of preventing or minimizing exposures.* The use of respirators should supplement the continued use of engineering controls and good work practices [OSHA/NIOSH 1991].

When respirators are used, the employer must establish a comprehensive respiratory protection program as outlined in the *NIOSH Respirator Decision Logic* [NIOSH 1987b] and the *NIOSH Guide to Industrial Respiratory Protection* [NIOSH 1987a], and as required in the OSHA respiratory protection standard [29 CFR 1910.134]. Important elements of the OSHA respiratory protection standard are (1) an evaluation of the worker's ability to perform the work while wearing a respirator, (2) regular training of personnel, (3) periodic environmental monitoring, and (4) respirator fit testing, maintenance, inspection, cleaning, and storage. The program should be evaluated regularly by the employer. Without a complete respiratory protection program, workers will not receive the protection anticipated.

Respirators should be selected by the person who is in charge of the program and knowledgeable about the workplace and the limitations associated with each type of respirator. Because exposures to lead during construction may vary substantially throughout a workshift and between days, the highest anticipated exposure should be used to determine the appropriate respirator for each job.

Respirator selection should be made according to the guidelines in Table 3. Employers must use respirators that are certified by NIOSH and the Mine Safety and Health Administration (MSHA) [NIOSH 1991a].

Table 3.--NIOSH recommended respiratory protection for workers exposed to inorganic lead

Condition	Minimum respiratory protection*
Less than or equal to 0.5 mg/m^3 (10 x PEL**)	Any air-purifying respirator with a high-efficiency particulate filter
Less than or equal to 1.25	Any powered, air-purifying respirator with a high-efficiency particulate filter,

mg/m^3 (25 x PEL)	or Any supplied-air respirator equipped with a hood or helmet and operated in a continuous-flow mode (for example, type CE abrasive blasting respirators)
Less than or equal to 2.5 mg/m^3 (50 x PEL)	Any air-purifying, full-facepiece respirator with a high efficiency particulate filter, or Any powered, air-purifying respirator with a tight fitting facepiece and a high-efficiency particulate filter
Less than or equal to 50 mg/m^3 (1,000 x PEL)	Any supplied-air respirator equipped with a half-mask and operated in a pressure-demand or other positive pressure mode
Less than or equal to 100 mg/m^3 (2,000 x PEL)	Any supplied-air respirator equipped with a full face-piece and operated in a pressure-demand or other positive-pressure mode
Planned or emergency entry into environments containing unknown concentrations or concentrations above 100 mg/m^3 (2,000 x PEL)	Any self-contained breathing apparatus equipped with a full facepiece and operated in a pressure-demand or other positive-pressure mode, or Any supplied-air respirator equipped with a full face-piece and operated in a pressure-demand or other positive-pressure mode in combination with an auxiliary self-contained breathing apparatus operated in a pressure-demand or other positive-pressure mode
Firefighting	Any self-contained breathing apparatus equipped with a full facepiece and operated in a pressure-demand or other positive pressure mode
Escape only	Any air-purifying, full- facepiece respirator with a high-efficiency particulate filter, or Any appropriate escape-type, self-contained breathing apparatus
* Only NIOSH/MSHA-approved equipment should be used. [Return to top of table] ** Multiple of the OSHA PEL for general industry. [Return to top of table]	

NIOSH type CE respirators are required for use by abrasive blasting operators [29 CFR 1910.94]. Currently, only continuous-flow respirators are certified by NIOSH for abrasive blasting [29 CFR 1910.94], but positive-pressure, supplied-air respirators would provide greater protection [NIOSH 1987b; 30 CFR 11]. The continuous-flow respirators are recommended by NIOSH only for airborne concentrations less than or equal to 25 times the OSHA PEL for general industry--50 $\mu g/m^3$ [NIOSH 1987b]. Furthermore, manufacturer's instructions regarding quality of air, air pressure, and inside diameter and length of hoses must be strictly followed. Use of longer hoses, hoses having a smaller inside diameter, or hoses with kinks and bends may restrict the flow of air to the respirator.

In all cases, respiratory protection should be donned before entering the contaminated work area, and it should be removed only after the worker has left that area.

Medical Surveillance

Medical Monitoring

BLLs are currently the best indicator of personal lead exposure. Workers potentially exposed to lead should therefore be monitored for the presence of lead in blood and the effects of lead on the blood-forming system. This assessment is necessary to ensure that engineering controls, personal hygiene practices, and PPE are preventing lead exposure.

The OSHA general industry standard contains provisions for the medical monitoring of workers exposed to lead [29 CFR 1910.25]. NIOSH supports the use of these provisions for construction workers but acknowledges that these workers may require more frequent blood lead monitoring (for example, monthly) than specified in the OSHA standard because of their highly variable, unpredictable exposures to lead. Similar provisions for more frequent monitoring have also been specified by the Connecticut Department of Transportation to be included in bid specifications for construction work involving lead exposure [Connecticut Department of Transportation 1991].

Lead concentration in the blood should be measured for any exposed worker who experiences symptoms or signs of lead poisoning. Analyses of blood should be performed only by OSHA-listed laboratories (a listing is available from the OSHA Analytical Laboratory in Salt Lake City, Utah; telephone, 801-524-4270).

The results of all laboratory analyses, a description of the worker's job, and any available data on possible exposures should be evaluated by a physician with experience and training in occupational health. To detect the health effects of excess lead exposure and to provide a baseline for comparison with future results, an occupational health interview and a physical examination should be performed before job placement, before returning to work after being removed from the job because of elevated blood lead concentrations, and annually for all workers exposed to lead.

Medical Protection

The OSHA lead standard for general industry [29 CFR 1910.1025] requires that certain actions be taken at given concentrations of lead in the blood (see Table 4). These actions are designed to prevent many of the adverse health effects of lead exposure.

Table 4.--Actions required by the OSHA general industry standard for various lead concentrations in blood (BLLs)

Number of tests	BLL* (µg/dl)	Action required

1	Greater than or equal to 40	Notification of worker in writing; medical examination of worker and consultation
3 (average)	Greater than or equal to 50	Removal of worker from job with potential lead exposure
1	Greater than or equal to 60	Removal of worker from job with potential lead exposure
2	Less than 40	Reinstatement of worker in job with potential lead exposure
* In the OSHA general industry standard for lead, BLLs are reported in micrograms per 100 grams (μg/100 g) of whole blood, which is approximately equal to μg/dl. [Return to top of table]		

APPENDIX G

ASBESTOS CONTAINING MATERIAL SURVEY

AltTech
Alternative Technologies, LLC
44 Pole Bridge Road
North Scituate, RI 02857
Ph: 401-556-2746

August 23, 2013

Lake Shore Environmental, Inc.
Attn: Mr. David J. Hazebrouck, P.E., LSP, LEP
Mich Building, 2nd Floor, Suite 3
10 Nate Whipple Highway, Cumberland, RI 02864

RE: Limited Hazardous Building Materials Survey
Former School Building
99 Phillips Street, North Kingstown, RI
AltTech Project No.: 20130729

Dear Mr. Hazebrouck:

As you are aware, Alternative Technologies, LLC (AltTech), was contracted by your authority, to conduct a limited hazardous material survey, which included a limited non-destructive asbestos survey (visible and accessible) and window/door caulk sampling for PCB's. Please find enclosed the attached results received from the laboratory, as well as a brief summary of the project.

On Saturday, August 3, 2013, AltTech personnel, Brian A. Piccolo (Rhode Island Department of Health (RIDOH) Certification No AAC-0657 IS), arrived at the above referenced property to conduct limited hazardous material survey which included a limited non-destructive asbestos survey (visible and accessible) and window/door caulk sampling for PCB's. Thirty-six (36) suspect ACMs were identified and consisted of various 12" x 12" vinyl composite tile (VCT) and associated mastic (glue), red floor tile and associated mastic, carpet mastic, green fabric backed flooring and associated mastic, black floor paper and associated mastic, cove base molding and associated mastic, brown stone pattern linoleum and associated mastic, 2' x 4' smooth white ceiling tile, textured plaster and associated skim coat, sheetrock backing behind the textured plaster, sheetrock, joint compound, window caulk, door caulk, black tar associated with the cement deck roofing system, black sealant associated with the copper gutters, white sheetrock/plaster ceiling material, grey sheetrock/plaster ceiling material, horse hair plaster, plaster on metal lathe and associated skim coat, and air-cell thermal system insulation, each of which was sampled by AltTech.

The samples were submitted to and analyzed by ProScience Analytical Services, Inc. (ProScience) of Woburn, Massachusetts. ProScience is accredited through the National Voluntary Laboratory Accreditation Program (NVLAP No. 200090-0), the American Industrial Hygiene Association (AIHA No. 22559) and with the Rhode Island Department of health (RIDOH) (AAL – 093). Samples were analyzed in accordance with United States Environmental Protection Agency (EPA) recommended protocol ("Follow-up to the Interim Method for Determination of Asbestos in Bulk Insulation Samples" - EPA 600/R-93/116 method "Visual Estimate") using polarized light microscopy (PLM) supplemented by dispersion staining techniques.

The attached results reveal that the red floor tile located below the grey 12" x 12" VCT in the south eastern basement room adjacent to the bathroom, window caulk, and air-cell TSI located in the attic space of the slate roof portion of the building, were each found to be positive for

asbestos. The black sealant sample associated with the copper gutters was found to contain trace amounts of asbestos.

A licensed asbestos abatement contractor, following an approved RIDOH asbestos abatement plan, should appropriately abate the all of the materials that were found to be positive for asbestos prior to being potentially disturbed during future renovation/demolition activities, which may take place at the subject property. Additionally, the black sealant sample associated with the copper gutters should be analyzed using a more enhanced analytical method (NY-ELAP Manual Item 198.6 for PLM analysis of non-organically bound (NOB) materials Method), to determine the actual make-up.

Two (2) caulk samples, one from the windows and one from the doors were collected. Each of these samples were submitted to Spectrum Analytical, Inc., of Agawam, Massachusetts, for laboratory analysis of PCBs, by USEPA Method 8082 using the accelerated solvent extraction (ASE) via method SW846 3545A.

As can be seen in the appended results both the window and door caulk samples were found to contain less than the reportable detection limits of less than .083 mg/kg (parts per million-ppm), and are not considered to be PCB containing.

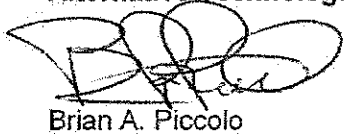
AltTech has made an effort to characterize visible and readily accessible suspect ACMs associated with the former school building located at 99 Phillips Street in North Kingstown, RI. However, no sampling event can be all encompassing. As such, should construction workers encounter and/or need to disturb any product(s) suspected as being ACM, that have not been previously identified or sampled by AltTech, during any renovation/demolition activities in the future, all proper precautions should be taken to ensure these materials are appropriately characterized and handled accordingly.

The information and conclusions contained in this report are based upon work undertaken by trained professional and technical staff in accordance with generally accepted engineering and scientific practices current at the time the work was performed. Conclusions presented in this report should not be construed as legal or medical advice.

The conclusions presented in this letter report represent the best technical judgment of AltTech based on the data obtained from the work. The conclusions are based on the site conditions encountered by AltTech at the time work was performed at the specific inspection and/or sampling location.

If you have any questions regarding the contents of this letter, or any other matter, please do not hesitate to call me at (401) 556-2746. Thank you for choosing AltTech for your hazardous material consulting services.

Sincerely,
Alternative Technologies, LLC



Brian A. Piccolo
Rhode Island Asbestos Inspector (AAC-0657 IS)

ProScience Analytical Services, Inc.

PLM Asbestos Chain of Custody Record

LABORATORY/HEADQUARTERS
22 Cummings Park, Woburn, MA 01801
T:781-935-3212 F:781-932-4857

CONSULTING SERVICES
683 North Mountain Rd., Newington, CT 06111
T:860-953-1022 F:860-953-1030

☐ RUSH

Turn Around Time Requested

☐ Same day ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☒ 5 Days

Client: Alternative Technologies, LLC
Address: 44 Pole Bridge Road, North Scituate, RI 02857
Project Site & Number: 99 Phillips Street, No. Kingstown, RI
Phone / FAX Number: 401-556-2746
Contact: Brian Piccolo

Relinquished By: [signature]
Received By and Date: [signature] 10am 8.6.13
Quantity Received: 38 Analyzed:
Faxed By and Date: [signature] 8.12.13
Stop on First Positive: Yes X No

For Lab Use> Batch Number: B87630 Analyzed By / Date: [signature] 8/9/13 QC By / Date: [signature]

Lab ID	Field ID Sampled date	Description / Location	Visual: Color	Homogenity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Refractive Indicies: Oil	∥	⊥	Asbestos Percentage (%): Chrysotile	Amosite	Crocidolite (Circle Type)	Tremolite	Anthophyllite	Actinolite	Non Asbestos Percentage (%): Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non Fiberous
	8/3/2013 1A	Blue 12"x12" VCT	BL	Y	GR	N																					100
	8/3/2013 1Am	mastic	Y	Y	R	N																					100
	8/3/2013 2A	Cream 12"x12" VCT	CR	Y	GR	N																					100
	8/3/2013 2Am	mastic	BK	Y	R	N																					100
	8/3/2013 3A	Red Floor Tile	R	Y	GR	N	W	∥	+	L	√	1.55	1.53	1.50	20												80
	8/3/2013 3Am	mastic	BK	Y	T	N																					100

Comments: ***Please email results to bpiccolo@altsubx.com***

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Quantity Received: Analyzed:
Faxed By and Date:
Stop on First Positive: Yes ✓ No

For Lab Use> Batch Number: 38 7630 Analyzed By / Date: [signature] 8/9/13 QC By / Date:

Lab ID	Field ID Sampled date	Description / Location	Visual: Color	Homogenity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Refractive Indicies: Oil	∥	⊥	Asbestos Percentage (%): Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non Asbestos Percentage (%): Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non Fibrous
	8/3/2013 4A	2'x4' Swirl Pattern Ceiling Tile	M C	N	F	Y																FW 40	40				20
	8/3/2013 5A	Grey 12"x12" UCT	G Y	Y	G	N																					100
	8/3/2013 5Am	Mastic	M C	N	R	N																					100
	8/3/2013 6A	Yellow Carpet Mastic	Y	Y	R	N																					100
	8/3/2013 7A	Green Fabric Backed Flooring	G N	N	F R	N																	W 25				75
	8/3/2013 7Am	* Black Mastic (initials) 8/12/13	B ~~Y~~	Y ~~Y~~	H ~~R~~	N																					100

Comments: *Please email results to bpiccolo@altsubx.com*

~~* = Mastic is yellow, not black~~ (initials) 8/12/13

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Received By and Date:
Quantity Received: _____ Analyzed: _____
Faxed By and Date:
Stop on First Positive: Yes X No _____

For Lab Use> Batch Number: 887630 Analyzed By / Date: 8/9/13 QC By / Date:

Lab ID	Field ID Sampled date	Description / Location	Visual: Color	Visual: Homogenity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: Oil	Refractive Indices: II	Refractive Indices: ⊥	Asbestos Percentage (%): Chrysotile	Asbestos Percentage (%): Amosite	Asbestos Percentage (%): Circle Type: Crocidolite	Asbestos Percentage (%): Circle Type: Tremolite	Asbestos Percentage (%): Circle Type: Anthophyllite	Asbestos Percentage (%): Circle Type: Actinolite	Non Asbestos Percentage (%): Fiberglass	Non Asbestos Percentage (%): Mineral Wool	Non Asbestos Percentage (%): Cellulose	Non Asbestos Percentage (%): Hair	Non Asbestos Percentage (%): Synthetic	Non Asbestos Percentage (%): Other	Non Asbestos Percentage (%): Non Fibrous
	8/3/2013 8A	Black Floor Paper	B	H	F	F																	W				
			BK	Y	F	F																	70				30
	8/3/2013 8AM	Brown Mastic	B	H	F	N																					
			BK	Y	F	N																					100
	8/3/2013 9A	Cove Base	B	H	F	N																					
			BK	Y	F	N																					100
	8/3/2013 9AM	Mastic	B	H	H	N																					
			BK	Y	H	N																					100
	8/3/2013 10A	Brown Stone Putty Linoleum	M	H	F	N															I		W				
			C	N	F	N															2		25				73
	8/3/2013 10AM	Mastic	Y	H	H	N																					
			BK	Y	H	N																					100

Comments: **Please email results to bpiccolo@altsubx.com**

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Quantity Received: Analyzed:
Faxed By and Date:
Stop on First Positive: Yes X No

For Lab Use> Batch Number: 187630 Analyzed By / Date: 8/9/13 QC By / Date:

Lab ID	Field ID Sampled date	Description / Location	Visual: Color	Visual: Homogeneity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indices: Oil	Refractive Indices: II	Refractive Indices: ⊥	Asbestos Percentage (%): Chrysotile	Amosite	Circle Type: Crocidolite	Tremolite	Anthophyllite	Actinolite	Non Asbestos Percentage (%): Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non Fibrous
	8/3/2013 11A	2'x4' Smooth white Ceiling Tile	M	C	N	F																F	W				
	8/3/2013 12A	Textured Plaster	W	H	N	G																50	30				20
	8/3/2013 13A	Skim Coat	G	H	N	G																					100
	8/3/2013 14A	Sheetrock Backing & Textured Plaster	M	C	N	F																	W				
	8/3/2013 15A	Sheetrock	M	C	N	F																	10				90
	8/3/2013 16A	Joint Compound	W	H	N	G																	W				
																							40				60
																											100

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Relinquished By: [signature]

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Lab ID	Field ID Sampled date	Description / Location	Color	Homogenity	Texture	Friable	Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Oil	‖	⊥	Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non Fibrous
	8/3/2013 17A	Window Caulk	BK	Y	R	N	W	‖	+	LW		1.55	1.553	1.552	15												85
	8/3/2013 18A	Door Caulk	WH	Y	R	N																					100
	8/3/2013 19A	Black Tar on Cement Deck	BK	Y	[illegible]	N																					100
	8/3/2013 20A	Black Sealant Assl Copper Gutters	BK	[illegible]	T	N	W	‖	+	LW		1.55	1.553	1.552	TR												100
	8/3/2013 21A	White sheetrock/Plaster material	MC	[illegible]	EG	Y																	W 5	X 2			93
	8/3/2013 22A	Grey sheetrock/Plaster material	MC	NG	EG	Y																	W 10	JC 2			88

Comments: ***Please email results to bpiccolo@altsubx.com***

ProScience Analytical Services, Inc.

PLM Asbestos Chain of Custody Record

☐RUSH

Turn Around Time Requested

☐ Same day ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☒ 5 Days

LABORATORY/HEADQUARTERS
22 Cummings Park, Woburn, MA 01801
T:781-935-3212 F:781-932-4857

CONSULTING SERVICES
683 North Mountain Rd., Newington, CT 06111
T:860-953-1022 F:860-953-1030

Client: Alternative Technologies, LLC
Address: 44 Pole Bridge Road, North Scituate, RI 02857
Project Site & Number: 99 Phillips Street, No. Kingstown, RI
Phone / FAX Number: 401-556-2746
Contact: Brian Piccolo

Relinquished By: [signature]
Received By and Date:
Quantity Received: Analyzed:
Faxed By and Date:
Stop on First Positive: Yes X No

For Lab Use> Batch Number: B87630 Analyzed By / Date: [signature] 1/10/13 QC By / Date:

Lab ID	Field ID Sampled date	Description / Location	Visual: Color	Homogenity	Texture	Friable	Optical Properties: Morphology	Extinction	Sign of Elongation	Birefringence	Pleochroism	Refractive Indicies: Oil	∥	⊥	Asbestos Percentage (%): Chrysotile	Amosite	Crocidolite	Tremolite	Anthophyllite	Actinolite	Non Asbestos Percentage (%): Fiberglass	Mineral Wool	Cellulose	Hair	Synthetic	Other	Non Fibrous	
	8/3/2013 23A	Horsehair Plaster	Gy	H N	F	Y																		5C 2			98	
	8/3/2013 24A	Plaster on metal lathe	G Y	N	G N	Y																	W TR				100	
	8/3/2013 25A	Skin Coat H.S./24A	Wh	Y	G N	Y																					100	
	8/3/2013 26A	Air-Cell TSI	Gy	Hy	F	Y	Wl	Il	+	Hi	[illegible]	[illegible]	[illegible]	1.552	50												50	
	8/3/2013 26B	" "																										DNA
	8/3/2013 26C	" "																										DNA

Comments: ***Please email results to bpiccolo@altsubx.com***

ProScience Analytical Services, Inc.

PLM Asbestos Chain of Custody Record

LABORATORY/HEADQUARTERS
12 Cummings Park, Woburn, MA 01801
T:781-935-3212 F:781-932-4857

CONSULTING SERVICES
683 North Mountain Rd., Newington, CT 06111
T:860-953-1022 F:860-953-1030

☐ RUSH

Turn Around Time Requested

☐ Same day ☐ 24 Hour ☐ 48 Hour ☐ 72 Hour ☒ 5 Days

Client: Alternative Technologies, LLC
Address: 44 Pole Bridge Road, North Scituate, RI 02857
Project Site & Number: 99 Phillips Street, No. Kingstown, RI
Phone / FAX Number: 401-556-2746
Contact: Brian Piccolo

Relinqueshed By:
Received By and Date:
Quantity Received: _____ Analyzed: _____
Faxed By and Date:
Stop on First Positive: Yes X No

For Lab Use> Batch Number: B87630 Analyzed By / Date: 8/10/13 QC By / Date:

Lab ID	Field ID Sampled date	Description / Location	Visual: Color	Visual: Homogenity	Visual: Texture	Visual: Friable	Optical Properties: Morphology	Optical Properties: Extinction	Optical Properties: Sign of Elongation	Optical Properties: Birefringence	Optical Properties: Pleochroism	Refractive Indicies: Oil	Refractive Indicies: II	Refractive Indicies: ⊥	Asbestos Percentage (%): Chrysotile	Asbestos Percentage (%): Amosite	Asbestos Percentage (%): Circle Type: Crocidolite	Asbestos Percentage (%): Circle Type: Tremolite	Asbestos Percentage (%): Circle Type: Anthophyllite	Asbestos Percentage (%): Circle Type: Actinolite	Non Asbestos Percentage (%): Fiberglass	Non Asbestos Percentage (%): Mineral Wool	Non Asbestos Percentage (%): Cellulose	Non Asbestos Percentage (%): Hair	Non Asbestos Percentage (%): Synthetic	Non Asbestos Percentage (%): Other	Non Fibrous
	8/3/2013 27A	Rainbow Sw-1 12"x12" VCT	W	H	G	NF																					60
	8/3/2013 27AM	Mastic	Y	Y	RF																						10
	8/3/2013																										
	8/3/2013																										
	8/3/2013																										
	8/3/2013																										

Comments: ***Please email results to bpiccolo@altsubx.com***

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
WC-1 SB74604-01	20130729	Caulk	03-Aug-13 12:30	07-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 83.0		µg/kg dry	83.0	62.0	1	SW846 8082A	13-Aug-13	15-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 83.0		µg/kg dry	83.0	74.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 83.0		µg/kg dry	83.0	53.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 83.0		µg/kg dry	83.0	49.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 83.0		µg/kg dry	83.0	43.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 83.0		µg/kg dry	83.0	69.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 83.0		µg/kg dry	83.0	51.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 83.0		µg/kg dry	83.0	77.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 83.0		µg/kg dry	83.0	34.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*85*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*110*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*60*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*60*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	87.5		%			1	SM2540 G Mod.	09-Aug-13	09-Aug-13	DT	1319068	

Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
WC-1 SB74604-01	20130729	Caulk	03-Aug-13 12:30	07-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 83.0		µg/kg dry	83.0	62.0	1	SW846 8082A	13-Aug-13	15-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 83.0		µg/kg dry	83.0	74.8	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 83.0		µg/kg dry	83.0	53.3	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 83.0		µg/kg dry	83.0	49.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 83.0		µg/kg dry	83.0	43.2	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 83.0		µg/kg dry	83.0	69.2	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 83.0		µg/kg dry	83.0	51.5	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 83.0		µg/kg dry	83.0	77.3	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 83.0		µg/kg dry	83.0	34.2	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	85			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	110			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	60			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	60			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	87.5		%			1	SM2540 G Mod.	09-Aug-13	09-Aug-13	DT	1319068	

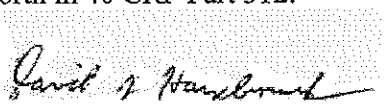
Sample Identification	Client Project #	Matrix	Collection Date/Time	Received
DC-1 SB74604-02	20130729	Caulk	03-Aug-13 12:45	07-Aug-13

CAS No.	Analyte(s)	Result	Flag	Units	*RDL	MDL	Dilution	Method Ref.	Prepared	Analyzed	Analyst	Batch	Cert.
Semivolatile Organic Compounds by GC													
Polychlorinated Biphenyls Prepared by method SW846 3540C													
12674-11-2	Aroclor-1016	< 71.3		µg/kg dry	71.3	53.2	1	SW846 8082A	13-Aug-13	15-Aug-13	IMR	1319380	X
11104-28-2	Aroclor-1221	< 71.3		µg/kg dry	71.3	64.2	1	"	"	"	"	"	X
11141-16-5	Aroclor-1232	< 71.3		µg/kg dry	71.3	45.8	1	"	"	"	"	"	X
53469-21-9	Aroclor-1242	< 71.3		µg/kg dry	71.3	42.9	1	"	"	"	"	"	X
12672-29-6	Aroclor-1248	< 71.3		µg/kg dry	71.3	37.1	1	"	"	"	"	"	X
11097-69-1	Aroclor-1254	< 71.3		µg/kg dry	71.3	59.4	1	"	"	"	"	"	X
11096-82-5	Aroclor-1260	< 71.3		µg/kg dry	71.3	44.2	1	"	"	"	"	"	X
37324-23-5	Aroclor-1262	< 71.3		µg/kg dry	71.3	66.4	1	"	"	"	"	"	X
11100-14-4	Aroclor-1268	< 71.3		µg/kg dry	71.3	29.4	1	"	"	"	"	"	X
Surrogate recoveries:													
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr)*	*105*			*30-150 %*			"	"	"	"	"	
10386-84-2	*4,4-DB-Octafluorobiphenyl (Sr) [2C]*	*105*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr)*	*90*			*30-150 %*			"	"	"	"	"	
2051-24-3	*Decachlorobiphenyl (Sr) [2C]*	*40*			*30-150 %*			"	"	"	"	"	
General Chemistry Parameters													
	% Solids	95.5		%			1	SM2540 G Mod.	09-Aug-13	09-Aug-13	DT	1319068	

QUALIFICATIONS

I declare that, to the best of my professional knowledge and belief, I meet the definition of environmental professional as defined in 312.10 of 40 CRF 312.

I have the specific qualifications based on education, training, and experience to assess a property of the nature, history, and setting of the subject property. I have developed and performed all the appropriate inquiries in conformance with the standards and practices set forth in 40 CRF Part 312.



David J. Hazebrouck, P.G., LSP, LEP