

THREE-YEAR ASBESTOS INSPECTION

**Norton Public Schools  
Norton, MA**

Prepared For:

Norton Public Schools  
c/o Wade Lizotte  
64 West Main Street  
Norton, MA 02766

Prepared By:

Environmental Remediation Services  
20 Vernon Street  
Norwood, MA 02062  
(781) 762-1772  
Project No.: NPS-5

Project Conducted:  
November 10, 2016

Prepared By: \_\_\_\_\_



Daniel J. Slowe  
MA Asbestos Inspector AI 60336

MA Asbestos Project Monitor MA 60336  
Patricia Riley, AP 60296

November 11, 2016

Norton Public Schools  
PTO Chairperson  
Wade Lizotte  
64 West Main Street  
Norton, MA 02766

Environmental Remediation Services, Inc.  
20 Vernon Street  
Norwood, MA 02062  
(781) 762-1772  
FAX (781) 762-1779

RE: Three Year Asbestos Building Surveys According to the Asbestos Hazard Emergency Response Act (AHERA).

Mr. Lozotte,

Environmental Remediation Services, Inc. was retained to conduct a three year asbestos building assessment of the five Norton Public School buildings. The three year asbestos surveys were conducted in accordance with the EPA Asbestos Hazard Emergency Response Act (AHERA) - 40 CFR 763 AHERA 1987.

On November 10, 2016 the three year asbestos surveys were conducted at the following Norton Public Schools:

Henri A. Yelle Elementary School  
L.G. Nourse Elementary School  
J.C. Solmonese Elementary School  
Norton Middle School  
Norton High School

The AHERA Regulation requires that all of the Norton Public Schools be inspected for asbestos, that management plans and response actions are developed, and that periodic surveillance inspections be conducted every six months to ensure the safety of the building occupants. The goal of the inspections is to ensure that all previously identified asbestos materials, and all suspect asbestos containing materials, are intact and do not pose a health threat to building occupants. Under this scope of survey we also collect bulk samples of suspect asbestos containing materials which were not previously sampled but have become physically damaged. There were no samples collected during the most recent inspection.

The original Management Plans were developed in 1988 by an AHERA accredited and Massachusetts DLWD licensed Asbestos Inspector and Management Planner. At that time a limited amount of bulk sampling was performed that identified some building materials as asbestos containing. The majority of suspect asbestos containing materials were intact and assumed to contain asbestos. ERS, Inc. recommends the periodic surveillance (six months) of all building materials to ensure that asbestos containing materials do not become damaged. Enclosed are the response actions based on the most recent inspections.

The Management Plans should be available for public inspection at the Schools and at the Manager of Facilities office at 64 West Main Street in Norton, MA. If you have any questions regarding the update of the Management Plan please do not hesitate to give me a call at (781) 762-1772.

Sincerely,  
  
Environmental Remediation Services, Inc.  
Daniel J. Slowe  
MA Asbestos Inspector AI 60336

Patricia Riley  
Asbestos Management Planner AP 60296

Wade Lizotte  
LEA

## RECOMMENDATIONS & SYNOPSIS OF VISUAL INSPECTION - November 10, 2016

### Henri A. Yelle Elementary School

The boiler room in this school appears to have been abated and all pipes have been reinsulated with fiberglass. There is some asbestos containing pipe insulation in occupied areas of the School that was all viewed to be in good condition. All pipe insulation in this School should be assumed to contain asbestos until sampled and proven otherwise.

There are 12" and 9" floor tiles present throughout the School. All of these tiles have been verified to contain asbestos or should be assumed to contain asbestos until sampled. Some of the 9" floor tiles and mastic throughout the older portion of the school were abated in 2007. The floor tiles that were viewed to be damaged during the 2004 inspection were abated. Some of the asbestos floor tiles in this school have been covered over with non-asbestos floor tiles so caution should be taken when accessing floor surfaces. What may appear like new floor coverings could be over asbestos containing floor tiles and/or mastic.

The periodic surveillance of all asbestos, and suspect asbestos containing materials should be conducted every six months.

### L.G.Nourse Elementary School

The boiler room at the Nourse School appears to have been abated and all insulation in the boiler room is currently fiberglass. The door to the boiler room could contain asbestos within. There is 9" and 12" floor tiles present throughout the building. These tiles are considered asbestos but are in good condition at this time. The periodic surveillance of this School should be continued. It should also be assumed that there is 9" floor tiles present beneath some of the more recently 12' floor tiles at this school.

The 9" floor tiles in the kitchen were covered over in 2007 with new 12" floor tiles. The 9" floor tiles in the dishwasher room and in the custodians closet in the D wing have also been abated prior to 2010.

### J.C. Solmonese Elementary School

There are floor tiles, ceiling tiles, sprayed-on fireproofing, and pipe fittings throughout this building. All of these building materials are in good condition but should be sampled for asbestos content if they become damaged or are scheduled for disturbance by upcoming renovations. Some of these items were sampled during the initial 1988 survey and tested negative for asbestos content. However, due to the age of the School (1977) all building materials should be considered asbestos containing and monitored periodically.

### Norton Middle School

The Norton Middle School was constructed within the past eight years. A letter from the Architect (attached) is on file that indicates that no asbestos containing materials were used (the best of their knowledge) during the construction of this building. If any major renovations are to occur in this building then all non-friable suspect asbestos materials should be sampled to ensure that they are non-asbestos.

### Norton High School

The Norton High School was completely renovated during 2012-2013. The renovation involved the removal and replacement of all major building materials. There had to have been major abatement projects involved with this renovation and all paperwork from the abatement of this building needs to be added to this Plan. The paperwork would involve the MA DEP notifications of the abatement work conducted, all abatement project specifications and scopes of work, the quantities and locations of asbestos materials removed, the air sample results from the abatement projects, and the Waste Shipment Records depicting the removal and proper disposal of the asbestos waste.

The Norton School Department needs to contact the Construction Manager and the General Contractor to get these records to add to the Plan. These records also prove that the asbestos materials identified in the original O & M Plan were properly removed during the renovation. These records would also indicate if any asbestos materials are still present in this building. Assume that asbestos materials are beneath all new construction materials until documentation proves otherwise.

**Yelle Elementary School**  
**Norton, MA**  
**Date: 11/11/16**

## Asbestos & Suspect Asbestos Materials

**1<sup>st</sup> Floor**

Rooms	Asbestos/Suspect Asbestos Materials	Assessment Category	Response Action
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### Floor Tiles & Mastic

**1951 Addition**

Rooms/Location of floor tiles: 45/44/43/42/41/waiting room/foyer at teacher's lounge/lobby/hall at office/hall A/hall B/40/38/3739/36/supply room/storage room/hall at guidance/men's room teacher's/29/28/hall at health office/35/34/32/33/30/31/womens teacher's room/janitor's closet/hall at café/hall at gym/27/27A/hall at boiler room/kitchen office/kitchen ladies room/Café (9" & 12"), hall at café to outside/health office/

<i>25,252 sq/ft. 9" &amp; 12" tile &amp; mastic</i>	<i>X</i>		<i>continue O &amp; M Plan (O &amp; M)</i>
<i>1747 linear feet of pipe insulation</i>	<i>7</i>		<i>continue O &amp; M</i>

**3<sup>rd</sup> floor**

Hallway/1/2/3/4/6/teachers lounge/7/8/9/10/11/

<i>8462 sq/ft. floor tiles &amp; mastic</i>	<i>X</i>		<i>continue O &amp; M</i>
<i>9 linear feet of pipe insulation</i>	<i>7</i>		<i>continue O &amp; M</i>
<i>3 flex connectors – janitor's closet</i>	<i>7</i>		<i>continue O &amp; M</i>

**2<sup>nd</sup> floor**

13/12/14/15/custodian's closet/16/18/19/20/21/main hall at stairwell

<i>8052 sq/ft floor tiles &amp; mastic</i>	<i>X</i>		<i>continue O &amp; M</i>
<i>120 linear feet of pipe insulation</i>	<i>7</i>		<i>continue O &amp; M</i>

**Administration Office**

Accounting offices \* & bath/superintendent's office & bath/main foyer

<i>918 sq/ft. floor tiles &amp; mastic</i>	<i>X</i>		<i>continue O &amp; M</i>
<i>35 fittings</i>	<i>7</i>		<i>continue O &amp; M</i>

**First Floor**

23/22/24/custodians room/storage room/hallways

<i>4276 sq/ft. floor tiles &amp; mastic</i>	<i>X</i>		<i>continue O &amp; M</i>
<i>1685 linear feet of pipe insulation (&amp; fittings)</i>	<i>7</i>		<i>continue O &amp; M</i>

*See the enclosed list for ACM quantities and locations. Assume there are 9" floor tiles under all 12" floor tiles until assessed and determined by an Asbestos Inspector. All 9" floor tiles, 12" floor tiles, and mastic must be considered suspect asbestos containing until sampled and proven otherwise*

**Suspect ACM Throughout the School**

- Wall & ceiling plasters
- Paper under hardwood floors (could be present)
- Roofing materials
- Window glazing & caulking
- Insulation on HVAC system
- Black Boards (transite?)
- Fire Doors
- Any concealed suspect asbestos containing materials encountered beneath building materials

*AHERA Assessment Categories:*

- 1 = damaged or significantly damaged TSI ACBM*
- 2 = Damaged friable surfacing ACBM*
- 3 = Significantly damaged friable surfacing ACBM*
- 4 = Damaged or significantly damaged friable miscellaneous ACBM*
- 5 = ACBM with potential for damaged*
- 6 = ACBM with potential for significant damage*
- 7 = All remaining friable ACBM or friable suspect ACBM*
- X = Not Applicable (Material is not ACBM or non-friable surfacing or miscellaneous material.)*

*L. G. Nourse Elementary School*

*Norton, MA*

*Date: 11/11/16*

## **Asbestos & Suspect Asbestos Materials**

<b>1<sup>st</sup> Floor</b>			
<b>Rooms</b>	<b>Asbestos/Suspect Asbestos Materials</b>	<b>Assessment Category</b>	<b>Response Action</b>
	<i>29,049 sq/ft. 9" &amp; 12" tile &amp; mastic</i>	<i>X</i>	<i>continue O &amp; M Plan (O &amp; M)</i>
	<i>1747 linear feet of pipe insulation</i>	<i>7</i>	<i>continue O &amp; M</i>
	<i>1462 sq/ft. Ceiling plaster</i>	<i>7</i>	<i>continue O &amp; M</i>
	<i>195 hard fittings</i>	<i>7</i>	<i>continue O &amp; M</i>

*See the enclosed list for ACM quantities and locations. Assume there are 9" floor tiles under all 12" floor tiles until assessed and determined by an Asbestos Inspector. All 9" floor tiles, 12" floor tiles, and mastic must be considered suspect asbestos containing until sampled and proven otherwise.*

### **Suspect ACM Throughout the School**

- Wall & ceiling plasters
- Paper under hardwood floors (could be present)
- Roofing materials
- Window glazing & caulking
- Insulation on HVAC system
- Black Boards (transite?)
- Fire Doors
- Any concealed suspect asbestos containing materials encountered beneath building materials.

**AHERA Assessment Categories:**

- 1 = damaged or significantly damaged TSI ACBM*
- 2 = Damaged friable surfacing ACBM*
- 3 = Significantly damaged friable surfacing ACBM*
- 4 = Damaged or significantly damaged friable miscellaneous ACBM*
- 5 = ACBM with potential for damaged*
- 6 = ACBM with potential for significant damage*
- 7 = Any remaining friable ACBM or friable suspect ACBM*
- X = Not Applicable (Material is not ACBM or non-friable surfacing or miscellaneous material.)*

*Salmonese Elementary School*

*Norton, MA*

*Date: 11/11/16*

## **Asbestos & Suspect Asbestos Materials**

<b>1<sup>st</sup> Floor Rooms</b>	<b>Suspect Asbestos Materials</b>	<b>Assessment Category</b>	<b>Response Action</b>
	<i>10,241 sq/ft. 12" tile &amp; mastic</i>	<i>X</i>	<i>continue O &amp; M Plan (O &amp; M)</i>
	<i>64 sq/ft. Ceiling plaster</i>	<i>7</i>	<i>continue O &amp; M</i>

*See the enclosed list for ACM quantities and locations.*

**Suspect ACM Throughout the School**

- Wall & ceiling plasters
- Paper under hardwood floors (could be present)
- Roofing materials
- Window glazing & caulking
- Insulation on HVAC system
- Sprayed-on fireproofing
- Hard fittings
- Black Boards (transite?)
- Fire Doors
- Any concealed suspect asbestos containing materials encountered beneath building materials.

**AHERA Assessment Categories:**

- 1 = damaged or significantly damaged TSI ACBM*
- 2 = Damaged friable surfacing ACBM*
- 3 = Significantly damaged friable surfacing ACBM*
- 4 = Damaged or significantly damaged friable miscellaneous ACBM*
- 5 = ACBM with potential for damaged*
- 6 = ACBM with potential for significant damage*
- 7 = Any remaining friable ACBM or friable suspect ACBM*
- X = Not Applicable (Material is not ACBM or non-friable surfacing or miscellaneous material.)*

*Norton High School  
Norton, MA*

*Date: 11/11/16*

## **Asbestos & Suspect Asbestos Materials**

<u>Rooms</u>	<u>Asbestos/Suspect Asbestos Materials</u>	<u>Assessment Category</u>	<u>Response Action</u>
	<i>77,878 sq/ft. 12"tile &amp; mastic</i>	<i>X</i>	<i>continue O &amp; M Plan (O &amp; M)</i>
	<i>37,714 sq/ft.Wall &amp; Ceiling plaster</i>	<i>7</i>	<i>continue O &amp; M</i>
	<i>74' pipe insulation in Custodian's office</i>	<i>7</i>	<i>continue O &amp; M</i>
	<i>HVAC flex connectors</i>	<i>X</i>	<i>continue O &amp; M</i>

*See the enclosed list for ACM quantities and locations.*

**Note: See notes below about the above materials being removed during the major 2012 renovation to the High School building.**

### **Suspect ACM Throughout the School**

- Wall & ceiling plasters
- Paper under hardwood floors (could be present)
- Roofing materials
- Window glazing & caulking
- Insulation on HVAC system
- Black Boards (transite)
- Generator flue insulation
- Fire Doors
- Any concealed suspect asbestos containing materials encountered beneath more recently installed building materials.

**The above materials are the documented asbestos materials that were in the high school prior to the 2012 renovations. These materials will be documented for proper abatement in the paperwork that must be retrieved from the Construction Manager and/or General Contractor involved with the renovations.**

**AHERA Assessment Categories:**

- 1 = damaged or significantly damaged TSI ACBM*
- 2 = Damaged friable surfacing ACBM*
- 3 = Significantly damaged friable surfacing ACBM*
- 4 = Damaged or significantly damaged friable miscellaneous ACBM*
- 5 = ACBM with potential for damaged*
- 6 = ACBM with potential for significant damage*
- 7 = Any remaining friable ACBM or friable suspect ACBM*
- X = Not Applicable (Material is not ACBM or non-friable surfacing or miscellaneous material.)*



October 13, 2016

Wade Lizotte  
Director of Facilities  
Norton Public Schools  
64 West Main Street  
Norton, MA 02766

Re: Asbestos Containing Materials Statement  
Norton High School  
Norton, MA  
JCJ #B10042.00

Dear Wade:

JCJ Architecture (JCJ) was the Architect for the above-referenced Project. JCJ prepared the Construction Documents and provided Construction Administration services for the Project.

JCJ certifies, to the best of its knowledge, information and belief, that no asbestos containing materials were specified by JCJ for incorporation into the Project.

Please do not hesitate to contact us with any questions.

Very truly yours,



James E. LaPosta, Jr., FAIA, LEED AP  
President

C: File B10042.00/31

**SMMA** SYMMES MAINI & MCKEE ASSOCIATES

September 26, 2007

Patricia H. Ansay, Ed.D.  
Superintendent of Schools  
Norton Public School  
64 West Main Street  
Norton, Massachusetts 02766

Re: Norton Middle School  
Building Materials

SMMA No. 96019.00

Dear Ms. Ansay:

In response to your letter dated September 10, 2007, to the best of our knowledge, the materials used in the construction of the Norton Middle School building does not contain asbestos.

Very truly yours,

SYMMES MAINI & MCKEE ASSOCIATES



Edward R. Frenette, AIA  
Senior Vice President

cc: (MF)

September 11, 2007

Norton Public Schools  
PTO Chairperson  
C/O Ms. Laura Carew  
64 West Main Street  
Norton, MA 02766

Environmental Remediation Services, Inc.  
20 Vernon Street  
Norwood, MA 02062  
(781) 762-1772  
FAX (781) 762-1779

RE: Norton Middle School.

Dear Ms. Carew:

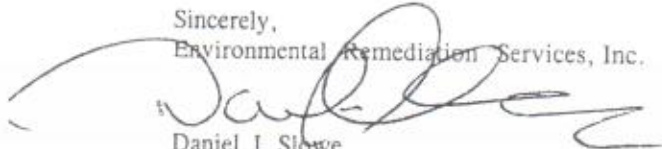
The Norton Middle School was constructed within the past eight years. It has been reported that there were no asbestos materials used in the construction of this new building.

Over the past three years the middle school building was assessed as part of the six-month inspections. All building materials have been documented to be in good condition during all inspections. The Norton School Department is in the process of contacting the Architect and/or engineer involved with the construction of this building. A letter will be requested that will outline the fact that no asbestos materials were specified in the construction of this building.

The most recent inspection revealed that all suspect asbestos materials within this building are currently in good condition. The letter from the Architect/Engineer will be added to this Management Plan when it is received. The Management Plans should be available for public inspection at the Schools and at the Manager of Facilities office at 64 West Main Street in Norton, MA.

If you have any questions regarding the update of the Management Plan please do not hesitate to give me a call at (781) 762-1772.

Sincerely,  
Environmental Remediation Services, Inc.



Daniel J. Slowe  
MA Asbestos Inspector AI 60336

file: Norton Schools