



# AHERA

## 6 Month Periodic Surveillance

**PREPARED FOR:**

Marlboro Township Public Schools  
1980 Township Drive  
Marlboro, NJ 07746

**BUILDING INSPECTED:**

Marlboro Middle School  
355 County Road 520  
Marlboro, NJ 07746

**INSPECTION DATE:**

**June 21, 2018**



## **EXECUTIVE SUMMARY**

This physical inspection of the Marlboro Middle School was conducted as part of the 6 month surveillance as required by the Asbestos Hazard Emergency Response Act (AHERA) program for the Marlboro Township Public Schools in Marlboro, New Jersey.

AHERA Consultants, Inc. has provided a limited inspection of all suspected and assumed asbestos-containing building material's (ACBM) identified in previous AHERA inspection's and management plans and of any new materials identified by the building personnel. AHERA has not conducted destructive sampling to determine the existence of any asbestos materials that are not visible. If renovations are planned, AHERA should be contacted to determine if any asbestos materials will be affected. If during the course of renovation, and suspect materials are encountered, all construction activities should cease and an accredited inspector called to survey and sample the area.

The existence of asbestos within buildings does not in itself warrant corrective action. The health issues associated with asbestos are respiratory diseases resulting from inhalation of asbestos fibers, over a period of time. For this reason, asbestos materials identified are re-evaluated on the basis of their ability to release asbestos fibers. Friability, is a term, which relates to a materials ability to be crumbled. Friability is a primary measure of the potential of asbestos becoming airborne. Accessibility by occupants, and other potential sources of disturbance, which relates to the possible release of asbestos are assessed.

As part of a 6 month surveillance report, assessments are made of the asbestos containing materials (ACBM) that have been identified in the initial AHERA survey. The ACBM is visually examined of deterioration and/or change in friability. Pipe insulation, for example is examined for damage caused by water, or damage caused by new construction. Floor tiles are examined for cracks, loss of adhesion, or deep scratches. This type of examination process in various forms is carried out on all the ACBM as part of the re-inspection.

## **INSPECTION PROCEDURE**

AHERA Consultants, Inc., represented by **Mr. Joseph Capone** performed the 6 month surveillance work as required by Asbestos Hazard Emergency Response Act. Working with all previous asbestos reports and the building custodians, the inspectors determined what areas have been modified and which areas have been abated and/or altered. The inspection of all asbestos containing building material (ACBM) identified in the initial AHERA survey report and all new suspect materials.

If it is determined that new materials have been introduced to the buildings environment, it is the responsibility of the designated person to make sure that those materials are "asbestos free". By either keeping MSDS sheets on the components or having the contractor/architect sign off that no asbestos materials were involved in the modifications.

The inspectors perform a thorough inspection of all areas identified as containing ACBM and visually inspect these materials for changes in physical condition and friability. This information is then recorded in a report, which becomes a supplemental part of the AHERA management plan.

## **Regulatory Changes**

AHERA assumes that additional bulk material testing must be conducted in order to bring the list of asbestos containing materials up to current regulatory guidelines. On May 15, 2006 under an emergency adoption by the State of New Jersey, bulk samples analyzed under Polarized Light Microscopy, which has inherent limitations with regard to matrix obscuration, resolution of fine fibers and inaccurate quantitation at low percents (<1%) is no longer enough to rule out certain materials. The newer EPA/600/R-931/116 methodology utilizing Transmission Electron Microscopy methods have been adopted and are practiced by AHERA Consultants on all bulk sample collection. Therefore, materials that may appear negative in the previous reports prepared may not be sufficient to rule out asbestos content.

# AHERA – 6 MONTH SURVEILLANCE



<b>Facility Inspected:</b>	<b>School District:</b>	<b>Date of Inspection:</b>
Marlboro Middle School 355 County Road 520, Marlboro	Marlboro Township Public Schools	June 21, 2018
<b>Inspector Assessor:</b>	<b>Certification Number:</b>	
Joseph Capone	NJ – NAETI 51130	

Room ID#/ Functional Space	Homogeneous Area #	Location	Material Description	Quantity: (Square/ Linear Feet)	Material Type: Surfacing (S) Thermal (T) Miscellaneous (M)	Description: Friable (F) Non-friable (NF)	Material Sampled Y - Yes N - Assumed	Condition Last Inspection		Changes / Conditions This Inspection (Notes)
								No Damage (ND) Damaged (D) Significantly Damaged (SD)		No Damage (ND) Damaged (D) Significantly Damaged (SD)
	0616 S	Stairwell 1 B First Floor	12 x 12 Tan Vinyl Floor Tiles	300 SF	M	NF		Abated – N/A		
	0616 S	Stairwell 1 B First Floor Landing	12 x 12 Tan Vinyl Floor Tiles	100 SF	M	NF		Abated – N/A		
	0617 S	Cafeteria B & Foyer 106	12 x 12 White/Blue Vinyl Floor Tiles	600 SF	M	NF		D – 8 SF Chipped		D – Repair
	0610 S	Cafeteria B	Trowled-On Plaster Ceilings		S	F		No Plaster on Ceiling		Continue O&M
	0611 S	Mini Gym B – Girl’s Room	Trowled-On Plaster Ceilings		S	F		Above Drop Ceiling Tile		Continue O&M
	0611 S	Mini Gym B – Boy’s Room	Trowled-On Plaster Ceilings	1200 SF	S	F		Above Drop Ceiling Tile		Continue O&M
	0610 S	Room 105	Trowled-On Plaster Ceilings		S	F		No Such Room		No Such Room – N/A
	0616 S	Room 109	12 x 12 Brown Vinyl Floor Tiles	950 SF	M	NF		D – 2 SF Chips Near Door & 1 Tile Missing by Storage Room		D – Repair
	0619 S	Room 110	5/8” Sheetrock		M	F		Recommend Test Sampling		No Sheetrock Found – N/A
	0619 S	First Floor Offices	5/8” Sheetrock Walls		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling
	0619 S	Main Office	5/8” Sheetrock Walls		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling
	0619 S	Secretary’s Office	5/8” Sheetrock Walls		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling
	0610 S	Secretary’s Office	Trowled-On Plaster Ceilings		S	F		No Access		No Access – Continue O&M
	0611 S	First Floor Locker Showers	Trowled-On Plaster Ceilings	1200 SF	S	F		No Plaster on Ceiling		Continue O&M
	0611 S	Girl’s Locker Room	Trowled-On Plaster Ceilings		S	F		Tested Negative 11/3/2008		Renovated – N/A

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	0611 S	Boy's Locker Room	Trowled-On Plaster Ceilings		S	F		Tested Negative 11/3/2008		Renovated – N/A	
	0611 S	Boy's PE Office	Trowled-On Plaster Ceilings		S	F		Tested Negative 11/3/2008		Renovated – N/A	
	0616 S	B Nurse's Office	12 x 12 Brown Vinyl Floor Tiles	325 SF	M	NF		D – 1 SF Chips		D – Repair	
	0616 S	Stairwell 2 B First Floor	12 x 12 Brown Vinyl Floor Tiles	150 SF	M	NF		Abated – N/A			
	0616 S	Stairwell 2 B First Floor Landing	12 x 12 Brown Vinyl Floor Tiles	80 SF	M	NF		Abated – N/A			
	0616 S	Stairwell 3 B First Floor	12 x 12 Brown Vinyl Floor Tiles	100 SF	M	NF		ND		ND – Continue O&M	
	0616 S	Stairwell 3 B First Floor Landing	12 x 12 Brown Vinyl Floor Tiles	100 SF	M	NF		D – 2 SF Chips		D – Repair	
	0616 S	Library Computer Hub Custodian's Office	12 x 12 Tan Vinyl Floor Tiles	100 SF	M	NF		D – 1 SF Cracks		D – Repair	
	0608 S	Library – 1 <sup>st</sup> Floor Landing Emerg Strwell	Vinyl Floor Tiles	100 SF	M	NF		D – 2 SF Cracks		D – Repair	
	0609 S	Computer Room	5/8" Sheetrock		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling	
	0615 S	Mini Theater	Sprayed-On Acoustic Plaster	400 SF	S	F		ND		ND – Continue O&M	
	0619 S	Guidance Room – Room 114	5/8" Sheetrock Walls		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling	
	0619 S	Guidance Room – Room 116	5/8" Sheetrock Walls		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling	
	0619 S	Room 125	5/8" Sheetrock Walls		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling	

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								No Damage (ND)	Damaged (D)	Significantly Damaged (SD)	No Damage (ND)	Damaged (D)	Significantly Damaged (SD)
	0619 S	Room 129	5/8" Sheetrock Walls		M	F					Recommend Test Sampling	Continue O&M – Recommend Test Sampling	
	0619 S	Room 130	5/8" Sheetrock Walls		M	F					Recommend Test Sampling	Continue O&M – Recommend Test Sampling	
	0619 S	Room 132	5/8" Sheetrock Walls		M	F					Recommend Test Sampling	Continue O&M – Recommend Test Sampling	
	0616 S	Room 133	12 x 12 Tan Vinyl Floor Tiles	950 SF	M	NF					D – 1 SF Cracks by Exit Door	D – Repair	
	0610 S	Room 137	Trowled-On Plaster Ceilings		S	F					ND	ND – Continue O&M	
	0610 S	First Floor Cafeteria	Trowled-On Plaster Ceilings		S	F					ND	ND – Continue O&M	
	0617 S	Cafeteria A & Foyer	Vinyl Floor Tiles	600 SF	M	NF					D – 8 SF Cracks in Foyer	D – Repair	
	0610 S	Cafeteria A	Trowled-On Plaster Ceilings		S	F					ND	ND – Continue O&M	
	0616 S	A Nurse's Office	12 x 12 Tan Vinyl Floor Tiles	325 SF	M	NF					D – 1 SF	D – Repair	
	0616 S	Stairwell 4 A First Floor	12 x 12 Light Tan Vinyl Floor Tiles	300 SF	M	NF						Abated – N/A	
	0616 S	Stairwell 4 A First Floor Landing	12 x 12 White Vinyl Floor Tiles	100 SF	M	NF						Abated – N/A	
	0616 S	Stairwell 6 A First Floor	12 x 12 Tan Vinyl Floor Tiles	80 SF	M	NF						Abated – N/A	
	0616 S	Stairwell 6 A First Floor Landing	12 x 12 Tan Vinyl Floor Tiles	100 SF	M	NF						Abated – N/A	
	0616 S	Stairwell 1 B Second Floor Landing	12 x 12 Tan Vinyl Floor Tiles	100 SF	M	NF						Abated – N/A	
	0616 S	Stairwell 1 B Second Floor	12 x 12 Tan Vinyl Floor Tiles	120 SF	M	NF						Abated – N/A	

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								No Damage (ND) Damaged (D) Significantly Damaged (SD)		No Damage (ND) Damaged (D) Significantly Damaged (SD)
	0616 S	Stairwell 2 B Second Floor	12 x 12 Brown Vinyl Floor Tiles	150 SF	M	NF		Abated – N/A		
	0616 S	Stairwell 2 B Second Floor Landing	12 x 12 Brown Vinyl Floor Tiles	150 SF	M	NF		Abated – N/A		
	0616 S	Stairwell 3 B Second Floor	12 x 12 Brown Vinyl Floor Tiles	100 SF	M	NF		D – 4 SF Cracks		D – Repair
	0609 S	Room 220	5/8" Sheetrock		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling
	0609 S	Room 225	5/8" Sheetrock		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling
	0609 S	Room 230	5/8" Sheetrock		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling
	0616 S	Stairwell 6 A Second Floor	12 x 12 Tan Vinyl Floor Tiles	100 SF	M	NF		Abated – N/A		
	0610 S	Bathrooms	Trowled-On Plaster Ceilings		S	F		No Access		No Access – Continue O&M
	0608 S	Library – 2 <sup>nd</sup> Floor Emergency Stairwell	Vinyl Floor Tiles	100 SF	M	NF		D – 2 SF Cracks		D – Repair
	0609 S	Library	5/8" Sheetrock		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling
	0609 S	Library – Storeroom	5/8" Sheetrock		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling
	0609 S	Library Hallway	5/8" Sheetrock		M	F		Recommend Test Sampling		Continue O&M – Recommend Test Sampling
	0616 S	Stairwell 1 B Third Floor	12 x 12 Tan Vinyl Floor Tiles	120 SF	M	NF		Abated – N/A		
	0616 S	Stairwell 2 B Third Floor	12 x 12 Brown Vinyl Floor Tiles	150 SF	M	NF		Abated – N/A		
	0616 S	Stairwell 4 A Second Floor	12 x 12 Tan Vinyl Floor Tiles	100 SF	M	NF		Abated – N/A		
	0616 S	Stairwell 4 A Third Floor	12 x 12 Tan Vinyl Floor Tiles	100 SF	M	NF		Abated – N/A		