



AHERA

6 Month Periodic Surveillance

PREPARED FOR:

Marlboro Township Public Schools
1980 Township Drive
Marlboro, NJ 07746

BUILDING INSPECTED:

Robertsville Elementary School
36 Menzel Lane
Morganville, NJ 07751

INSPECTION DATE:

June 21, 2018



EXECUTIVE SUMMARY

This physical inspection of the Robertsville Elementary 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



| | | |
|---|----------------------------------|----------------------------|
| Facility Inspected: | School District: | Date of Inspection: |
| Robertsville Elementary School 36 Menzel Lane, Morganville | Marlboro Township Public Schools | June 21, 2018 |
| Inspector Assessor: | Certification Number: | |
| 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) |
| | 0311 S | Front of Building Outside Overhang | Cementitious Plaster | | S | F | | Appears to be Abated – New Awning Present – N/A | | | | |
| | A0305 S | Main Lobby | Pipe Fitting Insulation | 12 Fittings | T | F | | No Access – Fiberglass with Zeston Fittings Found Last Inspection | | | No Access – Continue O&M (Above Ceiling) | |
| | 0309 S | Main Lobby (above ceiling) | Cementitious (Plaster) Fireproofing Ceiling | | S | F | | No Access | | | No Access – Continue O&M | |
| | 0317 A | Main Office Storage | 9” Tan Vinyl Floor Tiles | 50 SF | M | NF | | ND | | | ND – Continue O&M | |
| | A0305 S | Principal’s Bath Room | Pipe Fitting Insulation | 2 Fittings | T | F | | ND | | | ND – Continue O&M | |
| | 0317 A | Main Office Kitchen | 9” Grey Vinyl Floor Tiles | 70 SF | M | NF | | ND | | | ND – Continue O&M | |
| | A0305 S | Boy’s Bathroom Hall | Pipe Fitting Insulation | 33 Fittings | T | F | | Fiberglass with Zeston Fittings Found | | | Continue O&M | |
| | A0305 S | Boy’s Bathroom | Pipe Fitting Insulation | 2 Fittings | T | F | | No Access | | | No Access – Continue O&M | |
| | A0305 S | Room 1 Hall | Pipe Fitting Insulation | 10 Fittings | T | F | | No Access | | | No Access – Continue O&M | |
| | A0305 S | Room 4 Hall | Pipe Fitting Insulation | 20 Fittings | T | F | | D – 10% | | | No Access – Repair Advised Last Inspection | |
| | A0305 S | Room 9 Hall | Pipe Fitting Insulation | 14 Fittings | T | F | | Some Fiberglass with Zeston Fittings Found | | | Continue O&M | |
| | A0305 S | Room 9 Intersecting Hall | Pipe Fitting Insulation | 12 Fittings | T | F | | Some Fiberglass with Zeston Fittings Found | | | Continue O&M | |
| | A0305 S | Exit 2 Hall | Pipe Fitting Insulation | 9 Fittings | T | F | | Some Fiberglass with Zeston Fittings Found | | | Continue O&M | |
| | A0305 S | Rooms 10 & 11 Closets | Pipe Fitting Insulation | 12 Fittings | T | F | | D – 15% | | | No Access – Repair Advised Last Inspection | |
| | A0305 S | Rooms 10 & 11 Exit 3 Hall | Pipe Fitting Insulation | 18 Fittings | T | F | | No Access | | | No Access – Continue O&M | |

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| | | | | | | | | | No Damage (ND) Damaged (D) Significantly Damaged (SD) |
| | 0317 A | Storage Room 1 | 9" Grey Vinyl Floor Tiles | 368 SF | M | NF | | ND | ND – Continue O&M |
| | A0305 S | Room 33 Hall | Pipe Fitting Insulation | 1 Fitting | T | F | | No Access | ND – Continue O&M |
| | A0305 S | Room 33 (pipe chase) | Pipe Fitting Insulation | 1 Fitting | T | F | | No Access | No Access – Continue O&M |
| | A0305 S | Room 37 Hall | Pipe Fitting Insulation | 3 Fittings | T | F | | No Access | ND – Continue O&M |
| | A0305 S | Room 39 (pipe chase) | Pipe Fitting Insulation | 8 Fittings | T | F | | No Access | No Access – Continue O&M |
| | A0305 S | Room 39 Hall | Pipe Fitting Insulation | 11 Fittings | T | F | | No Access | No Access – Continue O&M |
| | A0305 S | Room 41 Hall | Pipe Fitting Insulation | 10 Fittings | T | F | | No Access | No Access – Continue O&M |
| | A0305 S | Room 41 Intersecting Hall | Pipe Fitting Insulation | 14 Fittings | T | F | | No Access | ND – Continue O&M |
| | A0305 S | Room 42 Exit 8 | Pipe Fitting Insulation | 14 Fittings | T | F | | No Access | ND – Continue O&M |
| | 0317 A | Custodian Office | 9" Grey Vinyl Floor Tiles | 204 SF | M | NF | | D - <1% | D – Repair |
| | A0305 S | Custodian's Closet | Pipe Fitting Insulation | 2 Fittings | T | F | | ND | ND – Continue O&M |
| | 0304 S | Custodial Supply Room | Trowled-On Plaster Ceiling | | S | F | | ND | ND – Continue O&M |
| | 0317 A | Meter Room | 9" Grey Vinyl Floor Tiles | 120 SF | M | NF | | ND | ND – Continue O&M |
| | A0305 S | Boiler Room Hall | Pipe Fitting Insulation | 20 Fittings | T | F | | No Access | ND – Continue O&M |

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| | | | | | | | | No Damage (ND) Damaged (D) Significantly Damaged (SD) | | No Damage (ND) Damaged (D) Significantly Damaged (SD) | |
| | 0321 A | Boiler Room | Fire Door | 1 Door | M | NF | | ND | | ND – Continue O&M | |
| | 0304 S | Boiler Room | Trowled-On Plaster Ceiling | | S | F | | D – 2 SF | | D – Repair | |
| | 0321 A | Incinerator Room | Fire Door | 1 Door | M | NF | | No Fire Door Found | | No Fire Door Found – N/A | |
| | 0304 S | Incinerator Room | Trowled-On Plaster Ceiling | | S | F | | ND | | ND – Continue O&M | |
| | A0305 S | Boy's & Girl's Bathroom Hall | Pipe Fitting Insulation | 30 Fittings | T | F | | Some Fiberglass with Zeston Fittings Found | | Continue O&M | |
| | A0305 S | Room 43 Hall | Pipe Fitting Insulation | 8 Fittings | T | F | | No Access | | No Access – Continue O&M | |
| | A0305 S | Room 44 Intersecting Hall | Pipe Fitting Insulation | 20 Fittings | T | F | | D – 5% Damage/Debris 1 Fittings Appears Abated | | No Access – Repair Advised Last Inspection 1 Fitting - Appears Abated – N/A | |
| | A0305 S | Exit 9 Hall | Pipe Fitting Insulation | 14 Fittings | T | F | | No Access | | ND – Continue O&M | |
| | A0305 S | Faculty Room Hall | Pipe Fitting Insulation | 13 Fittings | T | F | | No Access | | ND – Continue O&M | |
| | A0305 S | Faculty Bathroom Pipe Chase | Pipe Fitting Insulation | 3 Fittings | T | F | | No Access | | No Access – Continue O&M | |
| | A0305 S | Stage Hall | Pipe Fitting Insulation | 4 Fittings | T | F | | No Access | | ND – Continue O&M | |
| | 0320 A | Stage | Stage Light Wire Insulation | 6 Bunches | M | NF | | ND | | ND – Continue O&M | |
| | A0305 S | Stage | Pipe Fitting Insulation | 20 Fittings | T | F | | ND | | ND – Continue O&M | |

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| | 0318 A | Stage Left Side Hall | 9" Tan Vinyl Floor Tiles | 36 SF | M | NF | | 1 SF Appear to be Abated | Continue O&M |
| | 0318 A | Stage Right Side Hall | 9" Tan Vinyl Floor Tiles | 60 SF | M | NF | | 1 SF Appear to be Abated | Continue O&M |
| | 0320 A | Gymnasium | Stage Light Wire Insulation | 5 Bunches | M | NF | | ND | ND – Continue O&M |
| | A0305 S | Room 46 Hall | Pipe Fitting Insulation | 4 Fittings | T | F | | Some Fiberglass with Zeston Fittings Found | Continue O&M |
| | A0305 S | Room 47 Hall | Pipe Fitting Insulation | 2 Fittings | T | F | | No Access | No Access – Continue O&M |
| | 0319 A | Store Room | 9 x 9 Brown Vinyl Floor Tiles | 100 SF | M | NF | | No Access | No Access – Continue O&M |
| | A0305 S | Store Room Hall | Pipe Fitting Insulation | 2 Fittings | T | F | | No Access | No Access – Continue O&M |
| | A0313 S | Old Kitchen (Part of Cafeteria) | Pipe Fitting Insulation | 12 Fittings | T | F | | D – 2 Fittings | D – Repair |
| | 0315 A | Throughout School | 9 x 9 Beige Vinyl Floor Tiles | | M | NF | | ND | ND – Continue O&M |
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