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## PENN FOREST ELEMENTARY SCHOOL

**ADDRESS:** 6328 Merriman Road, Roanoke, Virginia 24018

**INSPECTION DATE:** August 18, 2017

**INSPECTOR:** Alexandra Moon

**BACKGROUND:** Penn Forest Elementary School is located at 6328 Merriman Road in Roanoke, Virginia. The facility encompasses approximately 65,334 square feet and was reportedly built in 1971. The school consists of one floor level and appears to have had general renovations of the office area around 2013.

### Findings

In accordance with Title II, Asbestos Hazard Emergency Response Act (AHERA) of the Toxic Substance Control Act (TSCA), this school was reinspected by an EPA and State of Virginia Accredited Asbestos Inspector and Management Planner. Under this law the local education agency (LEA) for each school system found to contain asbestos-containing materials (ACMs) must have those school buildings reinspected once every three years. ECS's inspection was performed based upon materials identified in the School's O&M Plan prepared by Hall Kimbrall (HK) in September 1988, and subsequent re-inspection reports, dated July 1, 2008 by Barratta and Associates (BA).

Known ACMs found within the building were visually inspected to determine their present physical condition (i.e., friable/non-friable), and to determine if any changes have occurred in their physical condition since the original assessment in 1988 and subsequent re-inspection in 2008 by HK and BA respectively.

Based upon review of the initial Management Plan and subsequent re-inspection report, the only suspect/known ACMs identified in the building were a tan and white 12" floor tile and associated mastic in the forum closet and office copy room.

**ECS was able to walk the school and observed the floor tile in the copy room closet and in the two forum closets. ECS also observed the floor tile in Room 8 located outside of the main office and in the gym offices and ball storage room.**

Visual inspection of these materials did not reveal a significant change in condition from 9/2008 re-inspection, and it is recommended that these materials continue to be maintained within the building's Management Plan.

In general the materials were observed to be in good condition and in their present state are non-friable. No additional training or notification is required as a result of adding these materials to the O&M plan other than informing maintenance staff and outside contractors not to disturb these materials. If these materials are to be disturbed, the AHERA LEA designee will have them tested prior to disturbance.

**Note: It was observed that additional floor tile is present in the gym, a second closet behind the forum, and in an office space outside of the main office. The presence of this additional**



**material does not** require changes to the O&M Plan other than to advise school personnel, contractors, and other personnel as appropriate of the suspected presence of this material.

**Previously Identified ACBM**

Below are tables of previously identified ACBM within the building and the current assessment of the condition of the materials.

<b>Material</b>	<b>Description</b>	<b>Location</b>	<b>HA</b>	<b>Past Assessment</b>	<b>Reassessment Haz</b>
Floor tile	12"X12" FT - Tan & White	Closet in SE Corner of Forum & Office Copy Room in NW Corner	6A	5	5
Floor Tile; associated mastic	12X12 FT - Tan & White; Associated black mastic	Closet in SE Corner of Forum & Office Copy Room in NW Corner	6B	5	5

**Additional Suspect ACMs**

During the survey ECS also observed the following other suspect ACMs;

Material and Location

1. Block filler paint on CMU walls – throughout school
2. Vermiculite insulation within CMU walls – throughout school
3. 2'x4' Ceiling Tiles
4. 12" black and beige floor tile and associated mastic
5. Blackboards and mastic in some of the classrooms
6. Sink mastic in most of the classrooms
7. Exterior materials (roofing, soffits, glazing, caulking) – Note: These materials are not covered by AHERA but are covered in general by US EPA;
8. Tectum roof deck in gym and cafeteria.
10. White duct mastic located on metal duct work
11. Roof drain packings - storage closets behind the forum
12. Fire packings located in the boiler room.



13. Hard joints - roof drains

14. General – Renovations have occurred at the school however no documentation exists on new materials installed including ceiling tiles, drywall joint compound, doors (suspect fire doors)


### **Assessment and Recommended Response Actions**

In general, the suspect ACMs observed within the building were observed to be presently non-friable or in relatively good condition, and do not pose an immediate health hazard unless they become damaged or are disturbed. ECS recommends that the materials continue to be managed within the O&M Plan.

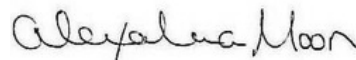
### **Identification, Notification, and Management**

1. Based upon the observed condition and use of the known and suspect ACMs identified in the building, there is no requirements for warning labels for these materials at this time.
2. Notification of the existence and availability of the O & M Plan, which includes information on known and suspect ACMs should be made available to the school staff, contracted workers, and general public (if appropriate). This is being done.
3. Any contractors (electrical, mechanical, etc.) who are to perform a service at the building shall be notified of all known and suspect ACMs at the building as identified in the O&M Plan, and be instructed not to disturb these materials in any way.
4. If any suspect ACMs become damaged and/or friable, or is anticipated to become friable (i.e., through renovation or demolition activities), Roanoke County Public Schools should contract with a Licensed Virginia Asbestos Inspector to sample these materials.

### **Inspector / Management Planner Certification**



Alexandra Moon  
Asbestos Inspector  
VA Accreditation Number 3303 003364



Alexandra Moon  
Management Planner  
VA Accreditation Number 3304 001654