
WILLIAM BYRD HIGH SCHOOL

ADDRESS: 2902 Washington Avenue, Vinton, Virginia 24179

INSPECTION DATE: August 17, 2017

INSPECTOR: Christopher Chapman

BACKGROUND:

William Byrd High School is located at 2902 Washington Avenue in Vinton, Virginia. The facility encompasses approximately 214,543 square feet and was reportedly built in 1969. The school consists of one and a half floor levels and appears to have had various renovations in the past.

ECS was retained by Roanoke County Public Schools (RCPS) to develop an Asbestos Operations and Maintenance Plan (O&M Plan) for this school facility to manage the identified asbestos-containing materials (ACMs) in place until such time as building renovation, demolition or other disturbances necessitate their removal. The newly prepared plan includes information and data collected at the facility by ECS or others. This Management Plan was prepared by a Commonwealth of Virginia licensed Asbestos Management Planners (Nos. 3304000318; 3304001654).

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 February 19, 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 9 " (cream and beige) floor tile and mastics; and various pipe insulation mudded fittings on various insulated lines. **ECS was able to walk the school.**

We did not observe any of the floor tiles previously identified and assumed they were removed.

With regards to pipe insulation, ECS was able to observe various insulated lines in the gym, mechanical space adjacent to the gym, shop areas, and areas above the auditorium. ECS looked above ceilings in other parts of the building although we did not observe any other suspect TSI other than the locations mentioned.



ECS also did not observe any suspect TSI in the boiler room and suspect it has been abated which also included abatement across various areas of the school. ECS did not see any documentation of this.

We also could not identify the two other areas identified in the BA report (LD and Teacher work room) and suspect that with the major renovations these rooms were shifted around.

Visual inspection of the pipe insulation 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. ECS recommends however that where materials are accessible to students or to disturbance, especially in the shop area and in the gym that consideration be given to removing these materials.

Previously Identified ACBM

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

Material	Description	Location	HA	Past Assessment	Reassessment Haz
Mudded Fittings	Mudded fittings on drain lines		5	1	1
Mudded Fittings	Mudded Fittings on domestic cold water lines		8	1	1
Mudded Fittings	Mudded fittings on hot water domestic lines		9	1	1
Floor Tile	9"X9" FT - Cream & Beige	Band Room	10A	5	Removed / Not Observed



Material	Description	Location	HA	Past Assessment	Reassessment Haz
Floor Tile; Associated Mastic	9"X9" FT - cream & beige; associated black mastic	Band Room	10B	5	Removed / Not Observed
Floor Tile; Associated Mastic	9"X9" FT - cream & beige; associated black mastic	Balcony	13B	5	Removed / Not Observed
Insulation	Boiler tank insulation		14	1	Removed / Not Observed
Mudded Fittings	Mudded Fittings	Boiler Room	15	1	Removed / Not Observed
Pipe Mastic	Black mastic on fiberglass insulated domestic water lines	Bathroom pipe chase(s)	17	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. Wall Panels – Partition wall panels
4. Terrazzo floors throughout
5. Chalkboards and mastic
6. Fire Doors (older doors)
7. Exterior materials (roofing, soffits, glazing, caulking) – Note: These materials are not covered by AHERA but are covered in general by US EPA;
8. Gym floor (parquet)



General – Outbuildings; 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



Christopher J. Chapman, CIH
Asbestos Inspector
VA Accreditation Number 3303 000515



Christopher J. Chapman, CIH
Management Planner
VA Accreditation Number 3304 000318