

# Roanoke County Schools

## Three Year AHERA Reinspection

William Byrd Middle School  
Facility 038

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Reinspection Date:  
February 19, 2008

***Baratta & Associates, Inc***  
PO Box 293  
Vinton, Virginia 24179  
540-890-4875

Michael Baratta, PE  
Virginia Asbestos Inspector License: 3303-000065  
Virginia Asbestos Management Planner License: 3304-000208

**Baratta & Associates, Inc.**

Virginia Department of Education  
Energy and Facilities Service

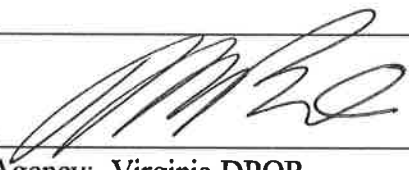
LEA Roanoke County Schools  
School 038 William Byrd Middle School  
Building Main

**SCHOOL BUILDINGS**

Building Name	Location	Check here for the presence of:				No ACBM
		ACBM		Suspect ACBM		
		Friable	Non- friable	Friable	Non- friable	
038 William Byrd Middle School	2910 Washington Avenue Vinton, VA 24179					X

Note: This is a new school building. The William Byrd Middle School evaluated by Hall Kimbrell in 1988 is now the Central Middle School, Facility Number 009

Inspector:

Name: Michael Baratta Signature 

Date 4/10/08

Accreditation Number: 3303 000065 Agency: Virginia DPOR


Virginia Department of Education  
Energy and Facilities Services

LEA Roanoke County Schools  
School: 038 William Byrd Middle School  
Building: Main

**DETERMINATION OF EACH  
SAMPLE AREA**

William Byrd Middle School was built in 1988. We assumed that no ACMs were used in its construction. Fiberglass TSI was observed through-out the building and in the mechanical spaces. We obtained several samples of the lay-in ceiling panels (LICs) as they were the most friable potentially suspect materials observed.

Homogeneous Area	Material	Sample Number	Location
01	LIC 2' x 2', random pattern	01A	210, NE corner
		01B	122, center of room

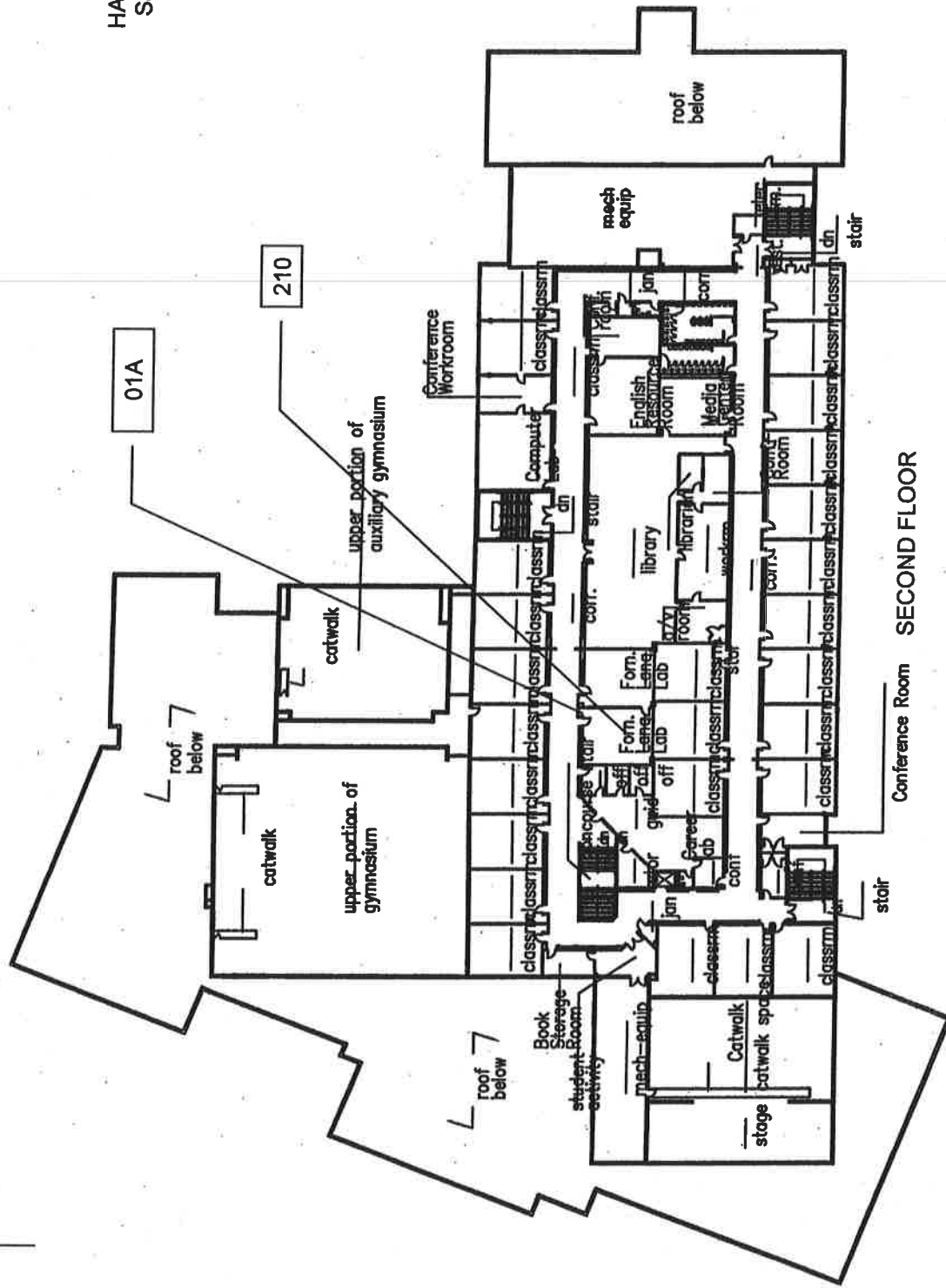
Name: Michael Baratta Signature  Date 4/10/09  
Accreditation Number: 3303 000065 Agency: Virginia DPOR



AHERA Three Year Inspection  
 William Byrd Middle School  
 Roanoke County Schools  
 Sample date:

Main Building  
 Sample Locations  
 L001  
 February 19, 2008

HA-01 LIC 2'x2', random pattern  
 Sample 01A



Virginia Department of Education  
Energy and Facilities Services


Document E.1  
LEA Roanoke County Schools  
School: 038 William Byrd Middle School  
Building: Main  
Sample Date: February 12, 2008  
Analysis Date: February 13, 2008  
Analysis Method: PLM EPA 6000/M4-82-020

**BULK SAMPLE ANALYSIS**

Homogeneous Area	Sample Number	Material	Asbestos Content
01	01A	LIC 2' x 2', random pattern	NAD
	01B		NAD

NAD – no asbestos detected

See attached AmeriSci PLM Bulk Asbestos Report Number 108021594

Name: Michael Baratta Signature  Date 4/10/08  
Accreditation Number: 3303 000065 Agency: Virginia DPOR



**AmeriSci Richmond**

13635 GENITO ROAD  
MIDLOTHIAN, VA 23112  
TEL: (804) 763-1200 • FAX: (804) 763-1800

February 22, 2008

Baratta & Associates, Inc.  
Attn: Michael Baratta  
1150 Shady Run Road  
Vinton, VA 24179

RE: Baratta & Associates, Inc.  
Job Number 108021594  
P.O. #L001  
L001; WB MS; Ahera

Dear Michael Baratta:

Enclosed are the results for PLM asbestos analysis of the following Baratta & Associates, Inc. samples received at AmeriSci on Thursday, February 21, 2008, for a 48 hour turnaround:

01A, 01B

The 2 samples contained in zip lock bag were shipped to AmeriSci via Hand Delivered. These samples were prepared and analyzed according to the EPA Interim Method (EPA 600/M4-82-020 per 40 CFR 763, subpt F, App. A). The required analytical information, analysis results, analyst signature and laboratory identification is contained in the Analyst's Report.

This report relates ONLY to the sample analysis expressed as percent asbestos. AmeriSci assumes no responsibility for customer supplied data such as "sample type", "location", or "area sampled". This report must not be used to claim product endorsement by AmeriSci, NVLAP or any agency of the U. S. Government. The National Institute of Standards and Technology Accreditation requirements, mandates that this report must not be reproduced, except in full without the written approval of the laboratory. This report may contain specific data not covered by NVI AP or FI AP accreditations respectively. AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

A handwritten signature in black ink, appearing to read "T. Brian Keith". The signature is stylized with a large, sweeping initial "T" and "B".

T. Brian Keith  
Asbestos Laboratory Director



**AmeriSci Richmond**

13635 GENITO ROAD  
MIDLOTHIAN, VIRGINIA 23112  
TEL: (804) 763-1200 • FAX: (804) 763-1800

## PLM Bulk Asbestos Report

Baratta & Associates, Inc.  
Attn: Michael Baratta  
1150 Shady Run Road

Date Received 02/21/08  
Date Examined 02/22/08

AmeriSci Job # 108021594  
P.O. #  
Page 1 of 1

RE: L001; WB MS; Ahera

Vinton, VA 24179

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
01A Location: Lay- In-Ceiling	108021594-01	No	NAD (by CVES) by David W. Ralbovsky on 02/22/08
<b>Analyst Description:</b> White/Lt. Gray, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 65 %, Fibrous glass 13 %, Non-fibrous 5 %, Perlite 17 %			
01B Location: Lay- In-Ceiling	108021594-02	No	NAD (by CVES) by David W. Ralbovsky on 02/22/08
<b>Analyst Description:</b> White/Lt. Gray, Heterogeneous, Fibrous, Bulk Material			
<b>Asbestos Types:</b>			
<b>Other Material:</b> Cellulose 65 %, Fibrous glass 13 %, Non-fibrous 5 %, Perlite 17 %			

**Reporting Notes:**

Analyzed by: David W. Ralbovsky

Date 2/22/8

\*NAD = no asbestos detected, Detection Limit <1% Reporting Limits: CVES = 1%, 400 Pt Ct = 0.25%, 1000 Pt Ct = 0.1%; "Present" or NVA = "No Visible Asbestos" are observations made during a qualitative analysis; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NVLAP Lab Code 101904-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.6 for NOB samples)(NYSDOH ELAP Lab # 10984); CA ELAP Lab # 2508; Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar NOB materials. NAD or Trace results by PLM are inconclusive, TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). NIST Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested.

Reviewed By: \_\_\_\_\_



**Baratta & Associates, Inc.**  
 P.O. Box 293  
 Vinton, Virginia

LEA Roanoke County Schools  
 School 038 William Byrd Middle School  
 Building Main

**REASSESSMENT OF MATERIALS**

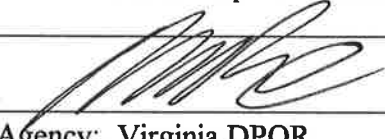
Past or Initial Assessment: Not evaluated by Hall Kimbrell in 1988

Homogeneous Area	Description	Past Assessment Category #	Reassessment Category #
01	LIC 2' x 2', random pattern	Not evaluated	Non-ACM

**AHERA - Physical Assessment Categories - 763.88(a)(2)(b)**

- 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 damage
- 6 ACBM with potential for significant damage
- 7 Any remaining friable ACBM or friable suspect ACBM

Inspector:

Name: Michael Baratta Signature  Date 4/10/04

Accreditation Number: 3303 000065 Agency: Virginia DPOR

Virginia Department of Education  
Energy and Facilities Service

LEA Roanoke County Schools  
School 034 William Byrd Middle School  
Building: Main

**RESPONSE ACTIONS  
RECOMMENDED**

Total cost to remove \$0.00

Each Location	Recommended Response Actions	Scheduled To Begin	Scheduled To Be Completed	Est. Cost To Remove
none				\$0.00

Management Planner:  
Name: Michael Baratta Signature  Date 4/10/08  
Accreditation Number: 3304 000208 Agency: Virginia DPOR

## **ASBESTOS MANAGEMENT, OPERATIONS AND MAINTENANCE PLAN**

038 William Byrd Middle School  
April 7, 2008

This Asbestos Management Operations and Maintenance Plan is based on the Three Year AHERA Reinspection performed by Baratta & Associates, Inc. on February 19, 2008. It covers procedures to be followed in dealing with the Asbestos-Containing Materials (ACMs) found in the William Byrd Middle School.

### **SUMMARY**

William Byrd Middle School was built in 1988. We assumed no ACMs were used in its construction.

Non-suspect fiberglass thermal system insulation (TSI) was noted through-out the facility.

Samples from the more friable lay-in ceiling tiles (LICs) tested no asbestos detected.

### **RECOMMENDED ASBESTOS RELATED PROCEDURES**

No asbestos related procedures are present at this time.

Should additional suspect materials be damaged or if they are questioned, we recommend they be sampled and tested for asbestos mineral content. The results of these tests will dictate what, if any, response actions are applicable.