Roanoke County Schools

Three Year AHERA Reinspection

William Byrd Middle School
Facility 038

Reinspection Date:
February 19, 2008

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*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

SCHOOL BUILDINGS

<table>
<thead>
<tr>
<th>Building Name</th>
<th>Location</th>
<th>Check here for the presence of:</th>
<th>No ACBM</th>
</tr>
</thead>
<tbody>
<tr>
<td>038 William Byrd Middle School</td>
<td>2910 Washington Avenue</td>
<td>ACBM</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Vinton, VA 24179</td>
<td>Suspect ACBM</td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>Friable Non-friable</td>
<td>X</td>
</tr>
</tbody>
</table>

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: [Signature]  Date: 4/10/08
Accreditation Number: 3303 000065  Agency: Virginia DPOR
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 throughout 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.

<table>
<thead>
<tr>
<th>Homogeneous Area</th>
<th>Material</th>
<th>Sample Number</th>
<th>Location</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>LIC 2' x 2', random pattern</td>
<td>01A</td>
<td>210, NE corner</td>
</tr>
<tr>
<td></td>
<td></td>
<td>01B</td>
<td>122, center of room</td>
</tr>
</tbody>
</table>

Name: Michael Baratta   Signature: [Signature]   Date: 4/10/06
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
Sample Date: February 12, 2008
Analysis Date: February 13, 2008
Analysis Method: PLM EPA 6000/M4-82-020

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### BULK SAMPLE ANALYSIS

<table>
<thead>
<tr>
<th>Homogeneous Area</th>
<th>Sample Number</th>
<th>Material</th>
<th>Asbestos Content</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>01A</td>
<td>LIC 2’ x 2’, random pattern</td>
<td>NAD</td>
</tr>
<tr>
<td></td>
<td>01B</td>
<td></td>
<td>NAD</td>
</tr>
</tbody>
</table>

NAD – no asbestos detected

See attached AmeriSci PLM Bulk Asbestos Report Number 108021594

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Name: Michael Baratta
Signature:
Date: 4/10/08

Accreditation Number: 3303 000065
Agency: Virginia DPOR
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 NVIAP or ELAP accreditations respectively if AmeriSci appreciates this opportunity to serve your organization. Please contact us for any further assistance or with any questions.

Sincerely,

[Signature]

T. Brian Keith
Asbestos Laboratory Director
## PLM Bulk Asbestos Report

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

**Date Received:** 02/21/08  
**AmeriSci Job #:** 108021594  
**Date Examined:** 02/22/08  
**P.O. #:**  
**RE:** L001; WB MS; Ahera

### Client No. / HGA  |  Lab No.  | Asbestos Present | Total % Asbestos  
--- | --- | --- | ---  
01A | 108021594-01 | No | NAD  
  **Location:** Lay-In-Ceiling  
  **Analyst Description:** White/Lt. Gray, Heterogeneous, Fibrous, Bulk Material  
  **Asbestos Types:**  
  **Other Material:** Cellulose 65 %, Fiberglass 13 %, Non-fibrous 5 %, Perlite 17 %

01B | 108021594-02 | No | NAD  
  **Location:** Lay-In-Ceiling  
  **Analyst Description:** White/Lt. Gray, Heterogeneous, Fibrous, Bulk Material  
  **Asbestos Types:**  
  **Other Material:** Cellulose 65 %, Fiberglass 13 %, Non-fibrous 5 %, Perlite 17 %

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**Reporting Notes:**

Analyzed by: David W. Ralbovsky  
Date: 02/22/08  

"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 101604-0) and ELAP PLM Analysis Protocol 198.1 for New York friable samples (198.5 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, 148, 38970, 8/1994). 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:
**REASSESSMENT OF MATERIALS**

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

<table>
<thead>
<tr>
<th>Homogeneous Area</th>
<th>Description</th>
<th>Past Assessment Category #</th>
<th>Reassessment Category #</th>
</tr>
</thead>
<tbody>
<tr>
<td>01</td>
<td>LIC 2’ x 2’, random pattern</td>
<td>Not evaluated</td>
<td>Non-ACM</td>
</tr>
</tbody>
</table>

**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: [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

Total cost to remove  $0.00

<table>
<thead>
<tr>
<th>Each Location</th>
<th>Recommended Response Actions</th>
<th>Scheduled To Begin</th>
<th>Scheduled To Be Completed</th>
<th>Est. Cost To Remove</th>
</tr>
</thead>
<tbody>
<tr>
<td>none</td>
<td></td>
<td></td>
<td></td>
<td>$0.00</td>
</tr>
</tbody>
</table>

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 throughout 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.