

Roanoke County Schools

Three Year AHERA Reinspection

Glen Cove Elementary School
Facility 017

Reinspection Date:
April 29, 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 017 Glen Cove Elementary 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	
017 Glen Cove Elementary School	5901 Cove Road		X			

Inspector:

Name: Michael Baratta Signature  Date 4/29/09

Accreditation Number: 3303 000065 Agency: Virginia DPOR


Virginia Department of Education
Energy and Facilities Services

LEA Roanoke County Schools
School: 017 Glen Cove Elementary School
Building: Main

**DETERMINATION OF EACH
SAMPLE AREA**

Most of the floor tiles are new. We divided the remaining 9"x9" white tiles (HA-08) into their tile (08A) and mastic (08B) components and took two (2) of each.. Three (3) sample of the gypsumboard system (HA-10) were also obtained.

Homogeneous Area	Material	Sample Number	Location
08A	Floor tile 9"x9", white	08A-1	Media Materials, at W door
		08A-2	Media Materials, at E door
08B	Black mastic for HA-08A	08B-1	Media Materials, at W door
		08B-2	Media Materials, at E door
10	Gypsumboard system, white	10-1	Family Room SE outside corner of closet
		10-2	Hall at NE corner of Family Room
		10-3	Center N wall of Hall by Reading Room

Name: Michael Baratta Signature  Date 4/29/09
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AHERA Three Year Inspection
 Glen Cove Elementary School
 Roanoke County Schools
 Sample date
 April 29, 2008

Building 017

Sample Location
L001

April 29, 2008

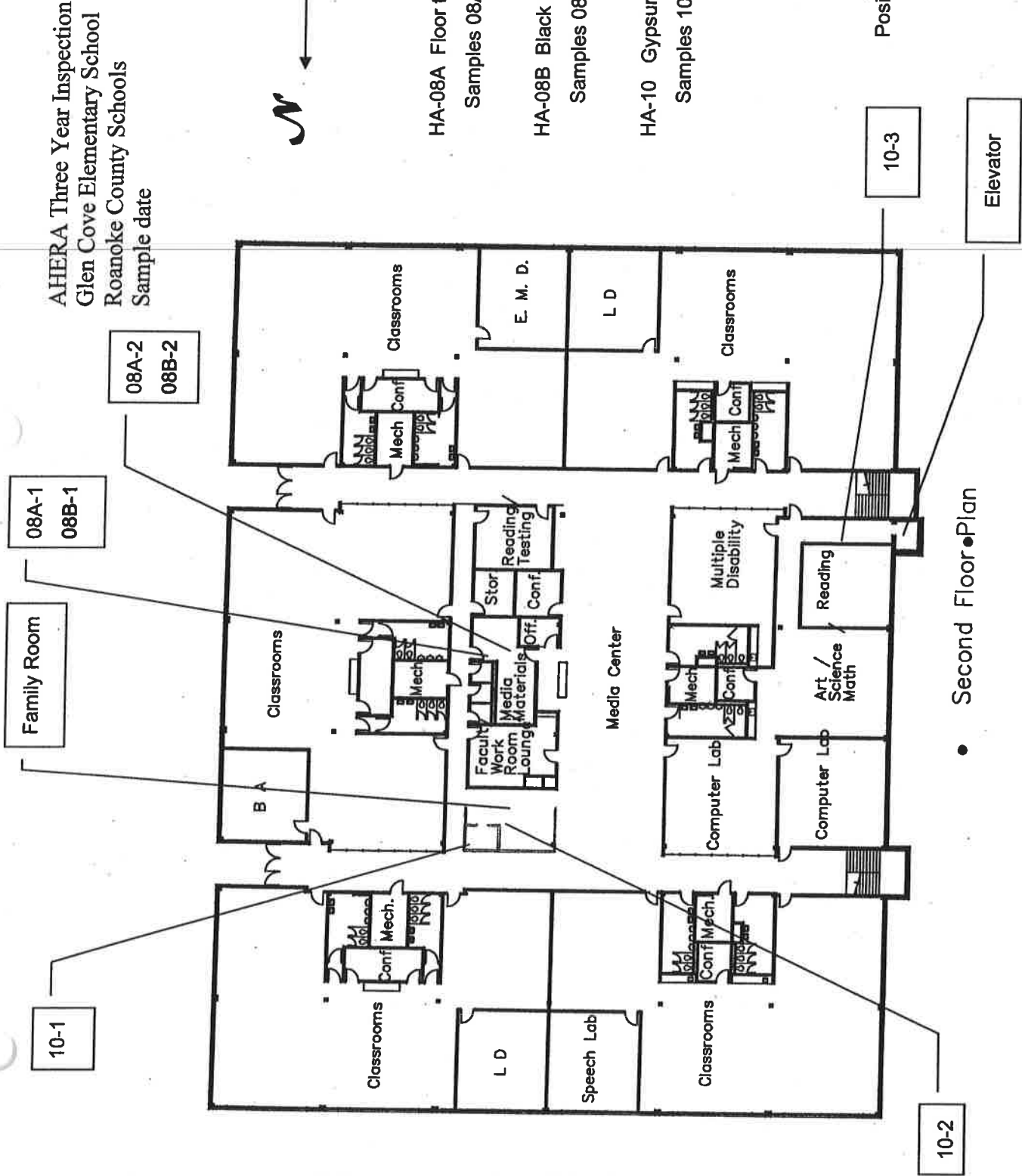


HA-08A Floor tile 9" x 9", white
 Samples 08A-1; 08A-2

HA-08B Black mastic for HA-08A
 Samples 08B-1; 08B-2

HA-10 Gypsumboard system, white
 Samples 10-1; 10-2; 10-3

Positive Samples in Bold



Virginia Department of Education
Energy and Facilities Services

LEA Roanoke County Schools
School: 017 Glen Cove Elementary School
Building: Main
Sample Date: April 29, 2008
Analysis Date: _____
Analysis Method: PLM EPA 6000/M4-82-020

BULK SAMPLE ANALYSIS

Homogeneous Area	Sample Number	Material	Asbestos Content
08A	08A-1	Floor tile 9"x9", white	Trace chrysotile
	08A-2		Trace chrysotile
08B	08B-1	Black mastic for HA-08A	8 % chrysotile
	08B-2		8 % chrysotile
10	10-1	Gypsumboard system, white	NAD
	10-2		NAD
	10-3		NAD

NAD – no asbestos detected

See attached AmeriSci PLM Bulk Asbestos Report Number 108041735

Name: Michael Baratta Signature  Date 4/29/09
Accreditation Number: 3303 000065 Agency: Virginia DPOR



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

Vinton, VA 24179

Date Received 04/30/08 AmeriSci Job # 108041735
Date Examined 05/02/08 P.O. #
Page 1 of 2
RE: L001; AHERA; Glen Cove E/S

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
08A-1 Location: Floor Tile	108041735-01	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 05/02/08
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <1. % Other Material: Non-fibrous 100 %			
08A-2 Location: Floor Tile	108041735-02	Yes	Trace (<1 %) (by CVES) by William M. Dunstan on 05/02/08
Analyst Description: White, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile <1. % Other Material: Non-fibrous 100 %			
08B-1 Location: Floor Tile Mastic	108041735-03	Yes	8 % (by CVES) by William M. Dunstan on 05/02/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 8.0 % Other Material: Non-fibrous 92 %			
08B-2 Location: Floor Tile Mastic	108041735-04	Yes	8 % (by CVES) by William M. Dunstan on 05/02/08
Analyst Description: Black, Heterogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 8.0 % Other Material: Non-fibrous 92 %			
10-1 Location: Gypsum Board System	108041735-05	No	NAD (by CVES) by William M. Dunstan on 05/02/08
Analyst Description: White, Heterogeneous, Non-Fibrous, Composite Asbestos Types: Other Material: Cellulose 5 %, Non-fibrous 95 %			

See Reporting notes on last page

Client Name: Baratta & Associates, Inc.

PLM Bulk Asbestos Report

L001; AHERA; Glen Cove E/S

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
10-2 Location: Gypsum Board System	108041735-06	No	NAD (by CVES) by William M. Dunstan on 05/02/08
Analyst Description: White, Heterogeneous, Non-Fibrous, Composite Asbestos Types: Other Material: Cellulose 5 %, Non-fibrous 95 %			

10-3 Location: Gypsum Board System	108041735-07		NA
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Analyst Description: Bulk Material

Asbestos Types:

Other Material:

Comment: Insufficient sample for analysis.

Reporting Notes:

Analyzed by: William M. Dunstan William M. Dunstan Date 5/2/08

*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 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, 148, 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 017 Glen Cove Elementary School
 Building Main

REASSESSMENT OF MATERIALS

Past or Initial Assessment: Hall-Kimbrell April 1989

Homogeneous Area	Description	Past Assessment Category #	Reassessment Category #
02	Domestic CW fitting TSI	Non-ACM	-
03	Domestic HW fitting TSI	Non-ACM	-
04	Heating water fitting TSI	Non-ACM	-
05	Ceiling finish LIC or ACT	Non-ACM	-
06	Floor tile 9"x9", green	5	removed
07	Floor tile 12" x12", white	Non-ACM	removed
08A	Floor tile 9"x9", white	5	Non-ACM
08B	Mastic for HA-8A, black	5	5
09	Fitting TSI in boiler room	Non-ACM	-
10	Gypsumboard system, white	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 4/29/08

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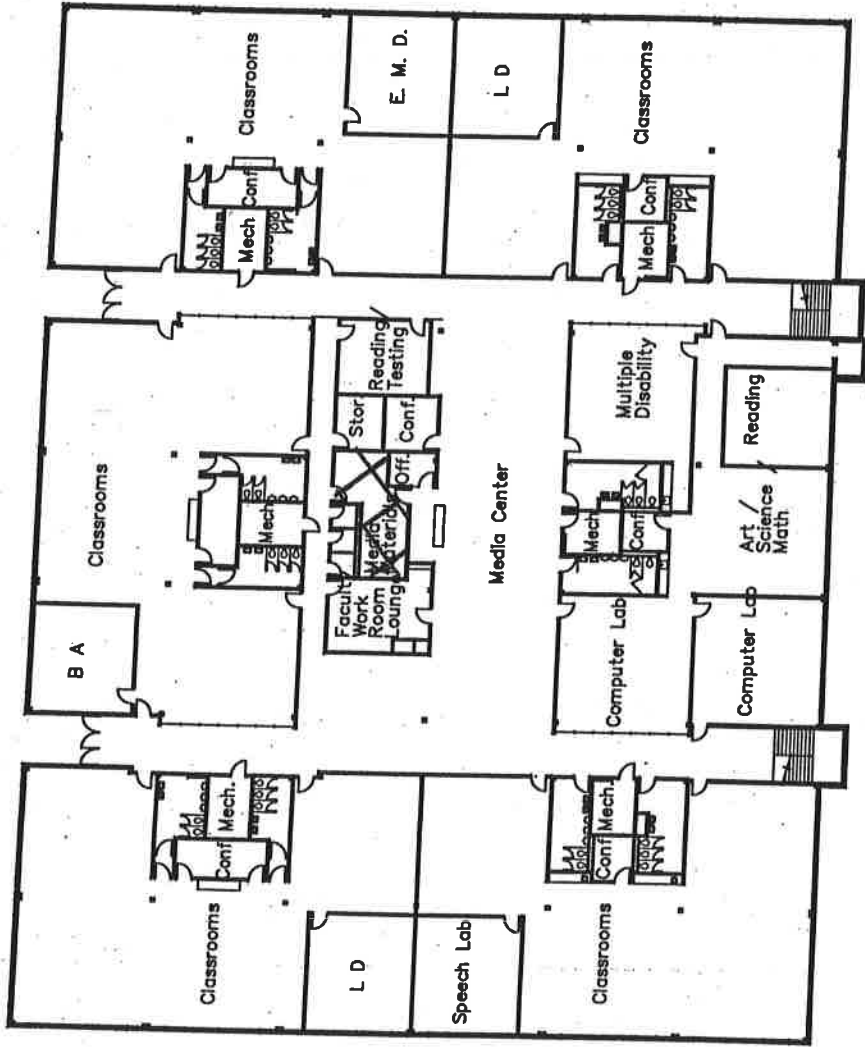
LOCATION OF ACBMs

017 Glen Cove E/S

Second Floor

Scale: none

Reinspection Date: April 29, 2008



Second Floor

No ACBs on First Floor

Asbestos containing floor tile mastic (white 9"x9" floor tiles tested to be non-ACBs)

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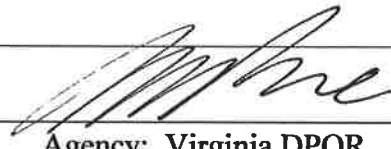
**RESPONSE ACTIONS
RECOMMENDED**

Total cost to remove \$4,000

Each Location	Recommended Response Actions	Scheduled To Begin	Scheduled To Be Completed	Est. Cost To Remove
Black mastic for white 9"x9" floor tiles in Media Materials Room	Maintain floor coverings until other needs require these floor coverings to be removed	none	none	\$4,000

Management Planner:

Name: Michael Baratta Signature



Date

4/29/08

Accreditation Number: 3304 000208

Agency: Virginia DPOR

ASBESTOS MANAGEMENT, OPERATIONS AND MAINTENANCE PLAN

Glen Cove Elementary School
June 3, 2008

This Asbestos Management Operations and Maintenance Plan is based on the three year AHERA Reinspection performed by Baratta & Associates, Inc on April 29, 2008. It covers procedures to be followed in dealing with the Asbestos-Containing Materials (ACMs) found in the Glen Cove Elementary School.

SUMMARY

The mastic under the white 9"x9" floor tile in the Media Materials Room was found to be an ACM. The floor tiles proper tested to be non-asbestos containing materials.

STAFF NOTIFICATION

The School should send all staff members a brief notice stating that Asbestos-Containing Materials exist in this Building.

ACM IDENTIFICATION

The following products were found to be Asbestos-Containing Materials (ACMs):

HA Number	Material
08B	Black mastic under white 9"x9" floor tile in Media Materials Room

CARE OF THE FLOOR MASICS

White non-asbestos containing 9"x9" floor tiles are located in the Media Materials Room. The black mastic under these tiles is an ACM. Since the mastic is covered with a durable non-asbestos containing product, the likelihood of the mastic becoming an asbestos related health hazard is remote.

No drilling, sanding, or other abrasive or penetrating activities shall be used on the floor tiles. To do so may disturb the mastic thus releasing asbestos fibers into the environment.

It is doubtful anything other than forceful vandalism will deteriorate this material to a point where significant fiber release will occur.

PERMIT REQUIREMENTS

Before any work that may require the disturbance of the noted Asbestos Containing Materials is performed, maintenance personnel or contractors shall obtain an Asbestos Work Area Permit from the School System's Asbestos Program Manager.
