

Roanoke County Schools

Three Year AHERA Reinspection

W. E Cundiff Elementary School

(Formerly Hardy Road Elementary School)

Facility 020

Reinspection Date:
June 3, 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 020 W. E Cundiff 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	
W E Cundiff Elementary School (020)	1200 Hardy Road Vinton, VA 24179		X			

Inspector:

Name: Michael Baratta Signature 

Date 7/3/09

Accreditation Number: 3303 000065 Agency: Virginia DPOR

Virginia Department of Education
Energy and Facilities Services


LEA Roanoke County Schools
School: W. E Cundiff Elementary School
Building: Main

**DETERMINATION OF EACH
SAMPLE AREA**

We divided floor tile HA-03 into its tile (HA-03A) and mastic (HA-03B) factions and took two (2) samples of each.

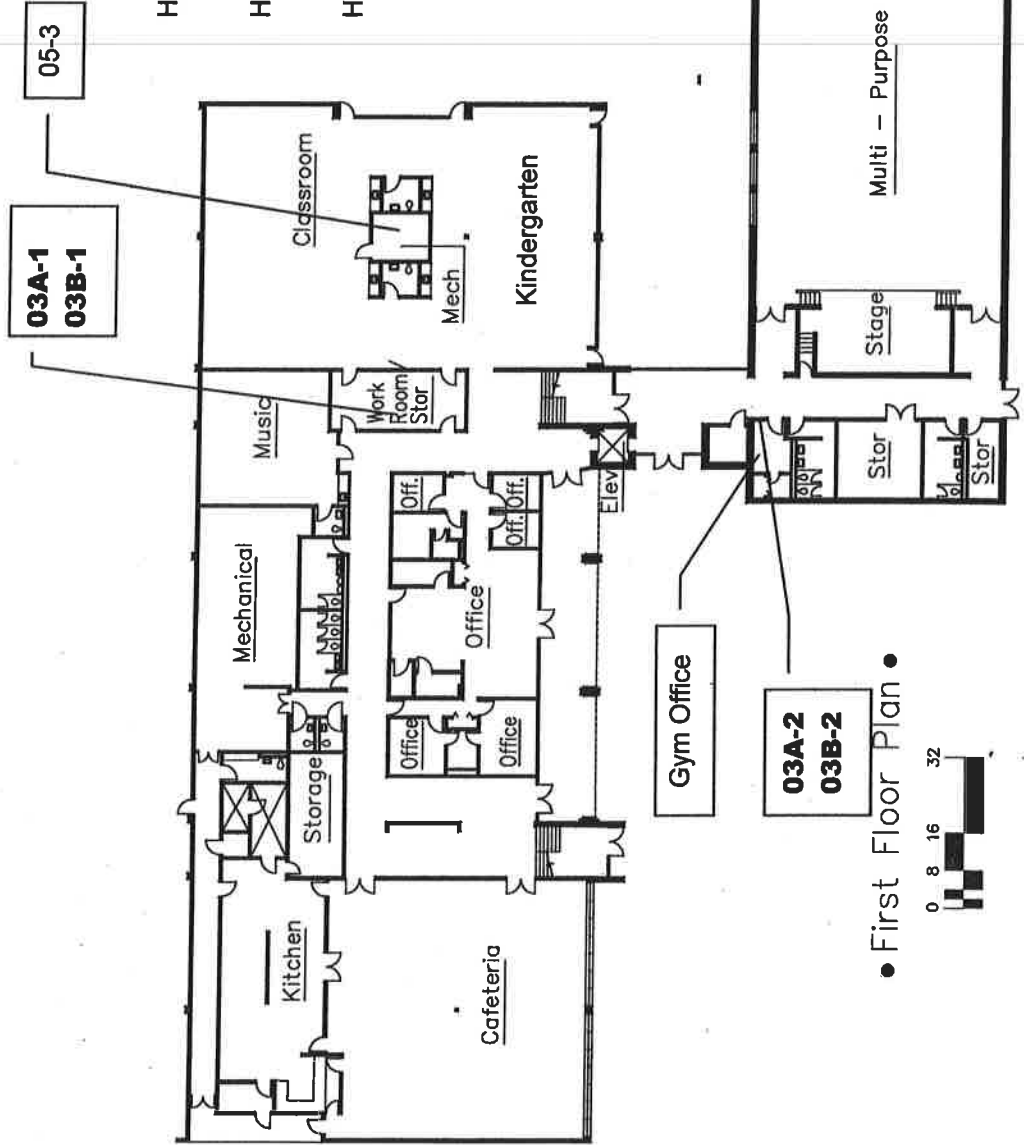
We noted suspect fitting TSI in the classroom mechanical rooms. We designated these muds HA-05 and obtained three (3) samples.

Homogeneous Area	Material	Sample Number	Location
03A	Floor tile 12" x12" olive with grey & white streaks	03A-1	Kindergarten Work Room
		03A-2	Gymnasium Office
03B	Black mastic for HA-03A	03B-1	Kindergarten Work Room
		03B-2	Gymnasium Office
05	White fitting TSI on fiberglass insulated pipe runs	05-1	Media Center Mechanical Room
		05-2	4 th grade Mechanical Room
		05-3	Kindergarten Mechanical Room

Name: Michael Baratta Signature  Date 7/3/04
Accreditation Number: 3303 000065 Agency: Virginia DPOR

AHERA Three Year Inspection
 W. E. Cundiff Elementary School
 Roanoke County Schools
 Sample date:

Building 020
 Sample Locations
 L001
 June 3, 2008



HA-03A Floor tile 12"x12", olive with grey & white streaks
 Samples 03A-1; 03A-2

HA-03B Black mastic for HA-03A
 Samples 03B-1; 03B-2

HA-05 White fitting TSI on fiberglass insulated pipe runs
 Sample 05-3

Positive Samples in **Bold**

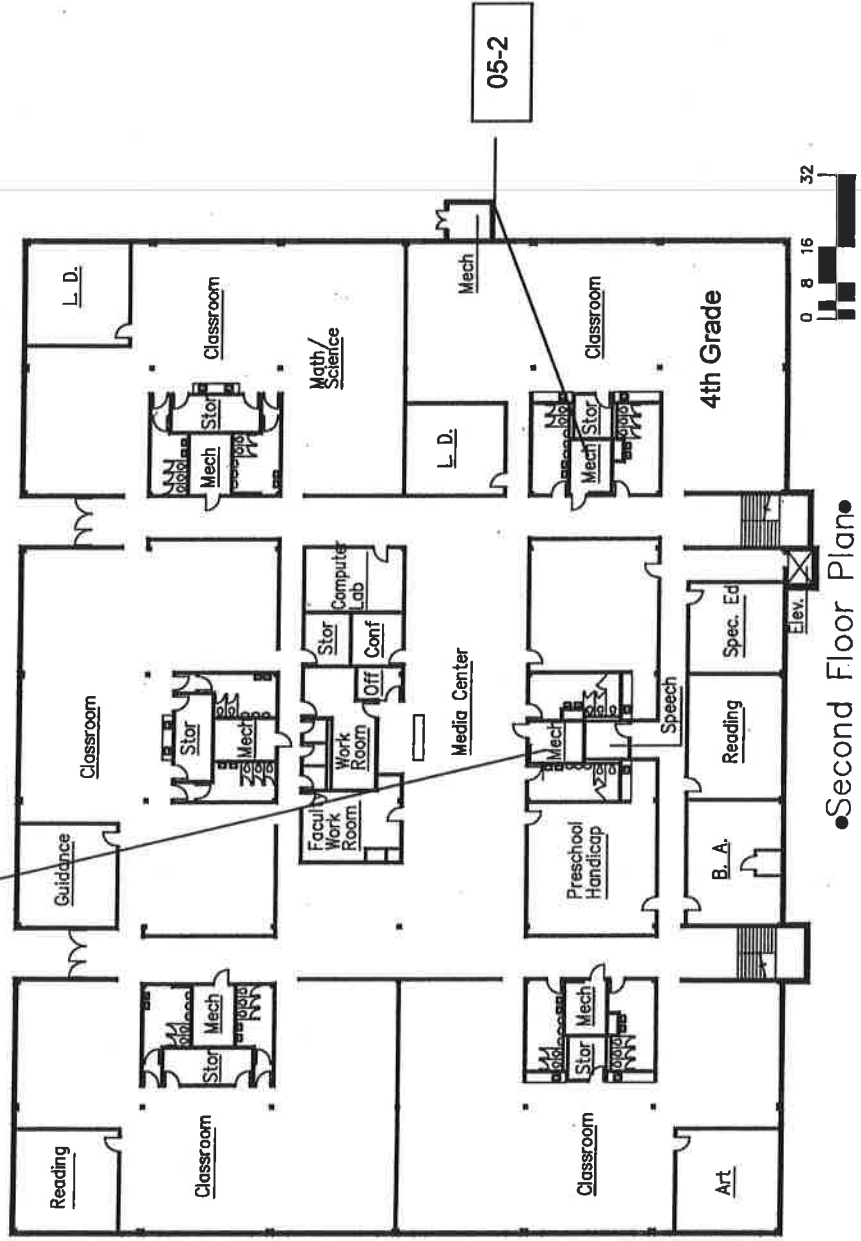
• First Floor Plan •



AHERA Three Year Inspection
 W.E. Cundiff Elementary School
 Roanoke County Schools
 Sample date:

Building 020
 Sample Locations
 L001
 June 3, 2008

HA-05 White fitting TSI on fiberglass insulated pipe runs
 Samples 05-1; 05-2



Virginia Department of Education
Energy and Facilities Services


LEA Roanoke County Schools
School: W. E Cundiff Elementary School
Building: Main
Sample Date: June 3, 2008
Analysis Date: June 4, 2008
Analysis Method: PLM EPA 6000/M4-82-020

BULK SAMPLE ANALYSIS

Homogeneous Area	Sample Number	Material	Asbestos Content
03A	03A-1	Floor tile 12" x12" olive with grey & white streaks	4 % chrysotile
	03A-2		4 % chrysotile
03B	03B-1	Black mastic for HA-03A	6 % chrysotile
	03B-2		6 % chrysotile
05	05-1	White fitting TSI on fiberglass insulated pipe runs	NAD
	05-2		NAD
	05-3		NAD

NAD – no asbestos detected

See attached AmeriSci PLM Bulk Asbestos Report Number 108061113

Name: Michael Baratta Signature  Date 7/3/08
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 06/04/08
 Date Examined 06/04/08

AmeriSci Job # 108061113
 P.O. #
 Page 1 of 2

RE: L001; Ahera; WE Cuudiff

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
03A-1 Location: Floor Tile	108061113-01	Yes	4 % (by CVES) by Donna M. Blackwell on 06/04/08
Analyst Description: Lt. Green, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Chrysotile 4.0 % Other Material: Non-fibrous 96 %			
03A-2 Location: Floor Tile	108061113-02	Yes	4 % (by CVES) by Donna M. Blackwell on 06/04/08
Analyst Description: Lt. Green, Homogeneous, Non-Fibrous, Cementitious, Bulk Material Asbestos Types: Chrysotile 4.0 % Other Material: Non-fibrous 96 %			
03B-1 Location: Floor Tile Mastic	108061113-03	Yes	6 % (by CVES) by Donna M. Blackwell on 06/04/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 6.0 % Other Material: Non-fibrous 94 %			
03B-2 Location: Floor Tile Mastic	108061113-04	Yes	6 % (by CVES) by Donna M. Blackwell on 06/04/08
Analyst Description: Black, Homogeneous, Non-Fibrous, Bulk Material Asbestos Types: Chrysotile 6.0 % Other Material: Non-fibrous 94 %			
05-1 Location: Fitting TSI	108061113-05	No	NAD (by CVES) by Donna M. Blackwell on 06/04/08
Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 45 %, Non-fibrous 55 %			

Reporting notes on last page

Client Name: Baratta & Associates, Inc.

PLM Bulk Asbestos Report

L001; Ahera; WE Cuudiff

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
05-2 Location: Fitting TSI	108061113-06	No	NAD (by CVES) by Donna M. Blackwell on 06/04/08
Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Fibrous glass 40 %, Non-fibrous 60 %			
05-3 Location: Fitting TSI	108061113-07	No	NAD (by CVES) by Donna M. Blackwell on 06/04/08
Analyst Description: Gray, Heterogeneous, Fibrous, Bulk Material Asbestos Types: Other Material: Cellulose Trace, Fibrous glass 40 %, Non-fibrous 60 %			

Reporting Notes:

Analyzed by: Donna M. Blackwell Donna M Blackwell Date 6/4/08
 *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, 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 W. E Cundiff Elementary School
 Building Main

REASSESSMENT OF MATERIALS

Past or Initial Assessment: Hall-Kimbrell April 1989


Homogeneous Area	Description	Past Assessment Category #	Reassessment Category #
02	LIC	Non-ACM	-
03A	Floor tile 12" x12" olive with grey & white streaks	5	5
03B	Mastic for HA-03A	Not evaluated	5
04	Boiler Room fitting TSI	Non-ACM	-
05	Fitting TSI on fiberglass insulated pipe runs	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 7/3/06

Accreditation Number: 3303 000065 Agency: Virginia DPOR

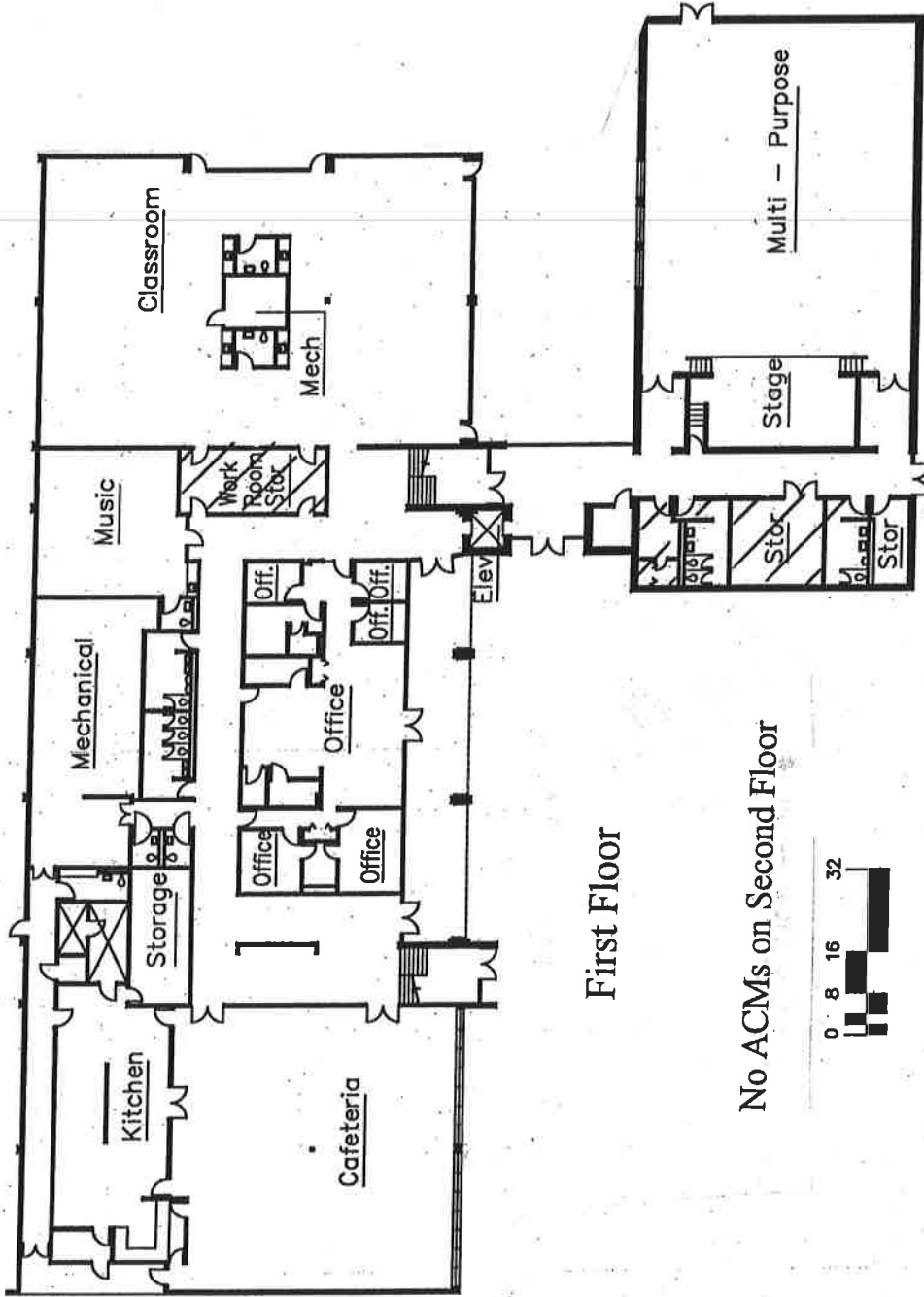
LOCATION OF ACBMs

020

First Floor

W E Cundiff Elementary School

Reinspection Date: June 3, 2008 Scale See drawing



First Floor

No ACBs on Second Floor

Virginia Department of Education
Energy and Facilities Service

LEA Roanoke County Schools
School W.E. Cundiff Elementary
Building: Main

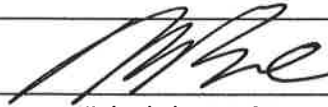
**RESPONSE ACTIONS
RECOMMENDED**

Total cost to remove \$5,000

Each Location	Recommended Response Actions	Scheduled To Begin	Scheduled To Be Completed	Est. Cost To Remove
Floor tile 12" x12" olive with grey & white streaks HA-03A) and mastic (HA-03B)	Maintain floor coverings until other needs require the floor coverings need to be removed	none	none	\$5,000

Management Planner:

Name: Michael Baratta Signature



Date 7/3/08

Accreditation Number: 3304 000208

Agency: Virginia DPOR

ASBESTOS MANAGEMENT, OPERATIONS AND MAINTENANCE PLAN

020 W E Cundiff Elementary School

July 3, 2008

This Asbestos Management Operations and Maintenance Plan is based on the Three Year AHERA Reinspection performed by Baratta & Associates, Inc on June 3, 2008. It covers procedures to be followed in dealing with the Asbestos-Containing Materials (ACMs) found in the W E Cundiff Elementary School.

SUMMARY

The 12" x12" olive with beige and white floor tiles (and associated black mastic) used in some of the first floor rooms tested to be Asbestos Containing Materials. These floor coverings are in good condition. They do not currently present an asbestos related health risk to building occupants in their current condition.

STAFF NOTIFICATION

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

ACM IDENTIFICATION

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

HA Number	Material
03A	Floor tile 12" x12" olive with grey & white streaks
03B	Mastic for HA-03A

CARE OF THE FLOOR TILES

These asbestos containing floor tiles were noted in the Kindergarten Work Room and certain rooms west of the stage. They are tough and non-friable. It is doubtful anything other than forceful vandalism will deteriorate these products to the point where significant fiber release will occur.

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

Should you notice that these floor tiles are damaged, please contact the principal so any corrective action can be made.

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.
