

# **Montgomery College Office of Environmental Safety**

## ***Materials Inspection Report***



**Child Care Center  
Rockville Campus  
May 1, 2003**

**Montgomery College 51 Mannakee Street Rockville, MD 20850**

## **Introduction**

The Office of Environmental safety – Montgomery College was tasked to provide a materials survey and inspection for the Rockville Campus Child Care Center. Our office has AHERA accredited and Maryland licensed asbestos inspectors. Copies of certifications are enclosed.

The Child Care Center located on the Rockville Campus is a one story metal framed, brick veneer structure approximately 2,500 sf in size. It is set on grade with a small crawl space below.

The building functions a day care facility for students and staff of Montgomery College. It operates during the day throughout the year.

## **Building Assessment**

### **Building Interior Finishes:**

Carpeted Area:	approx. 1,736 sf
VCT:	approx. 728 sf
Suspended Ceiling(2'x2")	approx. 2,500 sf
Drywall walls (Vinyl cov.)	approx. 4,000 sf

### **Other Areas Inspection:**

Above Suspended Ceiling; Roof and wall construction is metal framing with faced batt insulation. No black mastic or caulking observed. No sprayed on materials observed. Ductwork is flex duct with fiberglass insulation. No suspect insulated piping observed. Building was constructed around 1988 and all building materials reflect this.



Classroom Area Approx 968 SF



Kitchen Area Approx. 120 SF



Classroom Area

## **Suspect Materials**

Only three materials were identified as suspect ACM. Samples were taken and sent to testing laboratory for analysis by Phase Contrast Microscopy. Results are listed with material.

Ceiling Tile

Homogeneous for this material

No Asbestos Detected



Sample Location Room 404 Classroom

Floor Tile

Homogeneous for this material

No Asbestos Detected



Sample taken in Bathroom Floor



Drywall      Homogeneous for this material      No Asbestos Detected  
No spackling observed, as trim strips used at seams and corners (reflective of modular construction)



Sample Taken in Mechanical Room 105

## **Summary**

No action or special procedures must be followed by occupants or maintenance staff. No asbestos containing material was found in this building, and no other hazardous materials were identified.

All test results, Chain of Custody , Field Sample Logs and Copies of Accreditation and licenses are contained in the following pages.

# AMA Analytical Services, Inc.



A Specialized Environmental Laboratory

## CERTIFICATE OF ANALYSIS

NVLAP  
NY ELAP  
AIHA

Client: Montgomery College - Environmental Safety  
Address: Germantown Campus, 20200 Observation  
Drive - Science Room 261  
Germantown, Maryland 20876

Job Name: Montgomery College-R-Child Care Center  
Job Location: Not Provided  
Job Number: Not Provided  
P.O. Number: SO41113

Chain Of Custody: 82323  
Date Analyzed: 05/01/2003  
Person Submitting: John Wega

Attention: John Wega

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### Summary of Polarized Light Microscopy

AMA Sample Number	Client Sample #	Total Asbestos	Chrysotile Percent	Amosite Percent	Crocidolite Percent	Other Asbestos Percent	Mineral Wool Percent	Fiberglass Percent	Organic Percent	Synthetic Percent	Other Percent	Particulate Percent	Sample Color	Analyst ID	Comments
0343338	42903-10	NAD	--	--	--	--	30	--	30	--	--	40	Multi	LB	
0343339	42903-11	NAD	--	--	--	--	--	--	--	--	--	100	White	LB	
0343340	42903-12	NAD	--	--	--	--	--	--	30	--	--	70	Multi	LB	

The following footnotes only apply to those samples which the total asbestos result is flagged with a note number.

- 1 TEM RECOMMENDATION - Please note, due to resolution limitations with optical microscopy and/or interference from matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos. It is recommended that the additional analytical technique of TEM be used to check for asbestos fibers below the resolution limits of optical microscopy.
- 2 MATRIX REDUCTION RECOMMENDATION - Please note, due to interference from the matrix components of this sample, results which are reported via PLM as negative or trace (<1%) for asbestos may contain a significant quantity of asbestos which is obscured from view. It is recommended that the additional preparation technique of gravimetric reduction be performed on this sample to minimize the obscuring effects of matrix components, followed by reanalysis by PLM and/or TEM.

Analysis Method - EPA/600/R-93/116 dated July 1993

NAD = "No Asbestos Detected"

TR = "Trace equals less than 1% of this component"

Luis Bustillos

This report applies only to the sample, or samples, investigated and is not necessarily indicative of the quality or condition of apparently identical or similar products. As a mutual protection to clients, the public and these Laboratories, this report is submitted and accepted for the exclusive use of the client to whom it is addressed and upon the condition that it is not to be used, in whole or in part, in any advertising or publicity matter without prior written authorization from us. Sample types, locations and collection protocols are based upon the information provided by the persons submitting them and, unless collected by personnel of these Laboratories, we expressly disclaim any knowledge and liability for the accuracy and completeness of this information. Residual sample material will be discarded in accordance with the appropriate regulatory guidelines, unless otherwise requested by the client. NVLAP Accreditation applies only to polarized light microscopy of bulk samples and transmission electron microscopy of AIHA air samples.

An AIHA (#8863), NVLAP (#1011-43), & New York ELAP (#10920) Accredited Laboratory  
4475 Forbes Blvd. • Lanham, Md 20706 • (301) 459-2640 • Toll Free (800) 346-0961 • Fax (301) 459-2643



Number For Inquires)

## MAILING ADDRESS:

1. Submittal Date: 4-29-03 Job Name/location: Montgomery College - R - Child Care Center  
 2. Client Name: Montgomery College Job #: \_\_\_\_\_ P.O. #: \_\_\_\_\_  
 3. Street/RFD/P.O. Box: 62200 Observation Drive Bill To: Accounts Payable  
 4. City, State, Zip: Germanstown, Md. 20876 Phone #: 301-601-6912 Fax: \_\_\_\_\_  
 5. Contact Person: JOHN WEGA Submitted By: J. WEGA (Print) J. Wega (Signature)  
 6. DATE & TIME RESULTS REQUIRED: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_, Time: \_\_\_\_\_ AM \_\_\_\_\_ PM ☐ IMMED. ☒ 24HR ☐ 48HR ☐ 72HR ☐ 5-DAY OTHER(Specify): \_\_\_\_\_

**SAMPLE DATA:**

1. Analysis Type: ☒ Asbestos ☐ Lead ☐ NOB - Whole (PLM/TEM) ☐ NOB Res. Ash (TEM) ☐ Other(Specify) \_\_\_\_\_

2. Total Number Of Samples: TEM \_\_\_\_\_ PCM 13 PLM \_\_\_\_\_ LEAD \_\_\_\_\_ OTHER (Specify) \_\_\_\_\_

3. ELECTRON MICROSCOPY SAMPLES:

A. Filter Type: PC ☐ MCE ☐ B. Porosity: \_\_\_\_\_ Micron C. Diameter ☐ 37mm ☐ 25mm

4. Release Criteria/Analytical Sensitivity: 0.010 f/cc ☐ 0.005 f/cc ☐ AHERA ☒ %ASBESTOS ☐ S/FT<sup>2</sup> ☐ OTHER ☐

5. Field Sheet Attached? YES ☒ NO ☐ If No Then Please Complete The Following:

### SAMPLE ANALYSIS INFORMATION

## ANALYSIS

## MATRIX

[illegible]**REPORTING DATA:**

1. Verbal Results To Whom? Name: J. WEGA Phone: 301-601-6963 <sup>cell</sup> 301-580-9921

2. Date Written Results Required 5 / 1 / 03

**LABORATORY STAFF ONLY: (CUSTODY)**

1. Date/Time RCVD: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ @ \_\_\_\_\_ Via: \_\_\_\_\_ By (Print): \_\_\_\_\_ Sign: \_\_\_\_\_  
2. Date/Time Analyzed: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ @ \_\_\_\_\_ By (Print): \_\_\_\_\_ Sign: \_\_\_\_\_  
3. Results Reported To: \_\_\_\_\_ Via: \_\_\_\_\_ Date: \_\_\_\_\_ / \_\_\_\_\_ / \_\_\_\_\_ Time: \_\_\_\_\_ Initials: \_\_\_\_\_

## ASBESTOS BULK SAMPLE LOG

[illegible]