

# LIMITED HAZARDOUS MATERIALS SURVEY REPORT

**UAA SCIENCE BUILDING  
ANCHORAGE, ALASKA  
LAB COUNTER TOP SAMPLING REPORT**

**APRIL 29, 2005**

**EHS, ALASKA, INC.  
ENGINEERING, HEALTH & SAFETY CONSULTANTS  
11901 BUSINESS BLVD, SUITE 208  
EAGLE RIVER, ALASKA 99577**

**LIMITED HAZARDOUS MATERIALS SURVEY REPORT  
UAA SCIENCE BUILDING  
ANCHORAGE, ALASKA**

UAA Science Building, located in Anchorage, Alaska, is considered for renovation involving modification and/or disturbance of existing counter tops within the science lab. In support of this project, a survey was made of the existing counter tops to determine if any or all were manufactured with asbestos-containing materials. F.C. White, AHERA Inspector for EHS-Alaska, Inc. performed inspections of the science lab counter tops on April 28, 2005.

## **1. SURVEY OVERVIEW**

The survey did not encompass the entire science lab nor any other portion of the science building on campus. Only counter tops within the science lab were inspected. The scope of proposed work was restricted to that area identified by Dianna Durst, of UAA. The survey included a physical site visit to classify the counter tops as either suspected asbestos containing or non-asbestos containing material. All counter tops within the lab appeared identical to one another and appeared to have been installed at the same period of construction.

## **2. BUILDING DESCRIPTION**

The UAA Science Building was constructed at an unknown date. The building may contain potentially hazardous materials including asbestos, lead and mercury-containing materials and polychlorinated biphenyl-containing light ballasts. The scope of work for EHS-Alaska did not include searching for or identifying any such materials beyond the lab table tops.

## **3. FINDINGS**

### **COUNTER TOPS**

Counter tops encountered and sampled during the surveyed section of the UAA Science Lab appear to have been constructed and installed since the 1980's. All counter tops sampled within the survey were well used, soiled heavily, though, still in a good state of repair. None of the samples taken by this survey contained asbestos.

Other portions of the lab and science building were not surveyed and were not considered part of the scope of this survey assignment.

## **4. SUMMARY OF FINDINGS**

The following TABLE 1 lists the samples taken on April 28, 2005 by F.C. White of EHS-Alaska, Inc. and the results of the laboratory analysis. Refer to the sketch on the field data sheet for approximate sample locations.

**TABLE 1**

<b>SAMPLE NUMBER</b>	<b>MATERIAL</b>	<b>LOCATION</b>	<b>ASBESTOS CONTENT</b>
UA405-A01	Black slab counter top material	Counter #4 at SE corner	None Detected
UA405-A02	Black slab counter top material	NE corner of lab at back splash	None Detected
UA405-A03	Black slab counter top material	West side (middle) of counter #3	None Detected
UA405-A04	Black slab counter top material	North area of lab between counters #2 and #1 at the counter's edge.	None Detected
UA405-A05	Black slab counter top material	East side (middle) of counter #1	None Detected
UA405-A06	Black slab counter top material	SE corner of lab at south counter	None Detected
UA405-A07	Black slab counter top material	Room 125, on counter edge near North entrance.	None Detected
<p>The testing method used (polarized light microscopy [PLM]) is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. Before this material can be considered or treated as non-asbestos containing, confirmation should be made by quantitative transmission electron microscopy (TEM).</p>			

**F.C. White**  
**AHERA Inspector**  
**EHS-Alaska, Inc**

5/6/05

## **APPENDIX A**

# **FIELD DATA SHEETS AND LABORATORY RESULTS.**


**EHS ALASKA**  
 INCORPORATED

**EHS-Alaska, Inc.**

11901 Business Blvd., Suite 208, Eagle River, AK 99577-8052

(907) 694-1383 • (907) 694-1382 fax

e-mail • ehsak@ehs-alaska.com

**CHAIN OF CUSTODY RECORD/FIELD SURVEY DATA**

FIELD COLLECTION DATE: 4-28-04		JOB #: 10225-121		MATERIAL TYPE ASBESTOS		TOTAL QUANTITIES: 7	
PROJECT NAME: UAA Science Building Lab Sampling				BULK ANALYSIS REQUESTED: <input checked="" type="checkbox"/> PLM <input type="checkbox"/> PLM DUST <input type="checkbox"/> TEM BULK			
				<input type="checkbox"/> LEAD TCLF		<input type="checkbox"/> LEAD PFM	
FACILITY: UAA Science Building Lab				DISPOSAL: Normal		TURNAROUND: 48 hr.	
SPECIAL INSTRUCTIONS:							
COLLECTED BY (signature) <i>F. C. White</i>		IATL SELECTED LABORATORY		COMMENTS: 			
F. C. White PRINTED NAME		SAMPLES ACCEPTED BY					
20021558 CITY: ANCHORAGE		DATE/TIME					
SHIPPING METHOD 791056545315		ANALYST'S SIGNATURE <i>Qill</i>					
COORDINATOR (signature) 4-29-05 10:00pm		DATE 5/5/05					
SAMPLE ID		SAMPLE DESCRIPTION (COLOR, MATERIAL TYPE, LAYERS, FINISH)		LOCATION/COMMENTS (INCLUDING PHOTO/REF)		RESULTS	
UA405-A01 2247432		Black slab / lab counter top		Counter #4 - See sketch At SE corner		N/D - NONE DETECTED	
UA405-A02 2247433		Black slab / lab counter top		NE corner of lab at back splash. See sketch.		N/D	
UA405-A03 2247434		Black slab / lab counter top		West side (middle) of counter #3 - see sketch.		N/D	
UA405-A04 2247435		Black slab / lab counter top		North area of lab, between counters #2 and #1, at the counter - see sketch.		N/D	
UA405-A05 2247436		Black slab / lab counter top		East side (middle) of counter #1 - see sketch.		N/D	
UA405-A06 2247437		Black slab / lab counter top		SE corner of lab at south counter - see sketch.		N/D	
UA405-A07 2247438		Black slab / lab counter top		Room 125 - on counter edge near North entrance.		N/D	
- END -							

\*\*RETURN A SIGNED COPY OF THIS FORM WITH THE FINAL REPORT TO EHS-ALASKA\*\* 115-225

CR05113105

**CERTIFICATE OF ANALYSIS**

**RECEIVED**

Client: EHS Alaska Incorporated      Report Date: 5/6/2005  
 11901 Business Blvd., Suite 208      MAY 23 2005      Project: UAA Science Bldg. Lab. 4-28-05  
 Eagle River AK 99577      EHS-ALASKA, INC.      Project No.: 6225-01

**BULK SAMPLE ANALYSIS SUMMARY**

Lab No.: 2247432      Description / Location: Black Non Fibrous, Lab Counter Top  
 Client No.: UA405-A01      Counter #4; S.E. Corner

% Asbestos	Type	% Non-Asbestos Fibrous Material	Type	% Non-Fibrous Material
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 2247433      Description / Location: Black Non Fibrous, Lab Counter Top  
 Client No.: UA405-A02      N.E. Corner Of Lab Back Splash

% Asbestos	Type	% Non-Asbestos Fibrous Material	Type	% Non-Fibrous Material
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 2247434      Description / Location: Black Non Fibrous, Lab Counter Top  
 Client No.: UA405-A03      West Side (Middle) Of Counter #3

% Asbestos	Type	% Non-Asbestos Fibrous Material	Type	% Non-Fibrous Material
None Detected	None Detected	None Detected	None Detected	100

Lab No.: 2247435      Description / Location: Black Non Fibrous, Lab Counter Top  
 Client No.: UA405-A04      North Area Of Lab, Btwn. Counters #2 & #1

% Asbestos	Type	% Non-Asbestos Fibrous Material	Type	% Non-Fibrous Material
None Detected	None Detected	None Detected	None Detected	100

NIST-NVLAP No. 101165-0

NY-DOH No. 11021

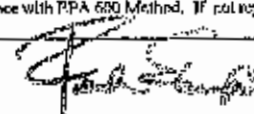
AIHA Lab No. 100188

*This confidential report relates only to those item(s) tested and does not represent an endorsement by NIST-NVLAP, AIHA or any agency of the U.S. government  
This report shall not be reproduced except in full, without written approval of the laboratory.*

Analysis Method: EPA 600/R-93/116

Comments: (PC) Indicates Simplified Point Count Method performed. Method not performed unless stated. Small asbestos fibers may be missed by PLM due to resolution limitations of the optical microscope. Therefore, negative PLM results cannot be guaranteed. Electron Microscopy can be used as a confirming technique. Regulatory Limit is based upon the sample matrix. Quantification at <1% by volume is possible with this method. Analysis includes all distinct separable layers in accordance with PPA 600 Method. If not reported or otherwise noted, layer is either not present or the client has specifically requested that it not be analyzed.

Analysis Performed By: M. Mirza

Approved By: 

Date: 5/5/2005

Frank E. Ehrenfeld, III  
Laboratory Director

**CERTIFICATE OF ANALYSIS**
**RECEIVED**

**Client:** EHS Alaska Incorporated  
 11901 Business Blvd., Suite 208  
 Eagle River AK 99577  
**Report Date:** 5/6/2005  
**Project:** UAA Science Bldg. Lab, 4-28-05  
**Project No.:** 6225-01  
 MAY 23 2005  
**EHS-ALASKA, INC.**

**BULK SAMPLE ANALYSIS SUMMARY**

**Lab No.:** 2247436 **Description / Location:** Black Non Fibrous; Lab Counter Top  
**Client No.:** UA405-A05 East Side (Middle) Of Counter #1  

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**Lab No.:** 2247437 **Description / Location:** Black Non Fibrous; Lab Counter Top  
**Client No.:** UA405-A06 S.E. Corner Of Lab At South Counter  

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**Lab No.:** 2247438 **Description / Location:** Black Non Fibrous; Lab Counter Top  
**Client No.:** UA405-A07 Room 125; On Counter Edge Near N. Entrance  

<u>% Asbestos</u>	<u>Type</u>	<u>% Non-Asbestos Fibrous Material</u>	<u>Type</u>	<u>% Non-Fibrous Material</u>
None Detected	None Detected	None Detected	None Detected	100

**NIST-NVLAP No. 101165-0**
**NY-DOH No. 11021**
**AIHA Lab No. 100188**

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**Analysis Performed By:** M. Mirza
**Date:** 5/5/2005