



10928 Eagle River Road, Suite 202
Eagle River AK 99577-8052

FAX

To:	Milton -
Company:	UAA plumbing and heating
Phone:	786-6964
Fax:	786-6989
Date:	08/04/96
Time:	2:58 PM
Total Pages:	34

From:	Koreen L. Burrow
Company:	EHS-Alaska, Inc.
Fax:	907-694-1382
Telephone:	907-694-1383
Reference:	Asbestos Results
Project #:	3926-01-01

REMARKS: Urgent For your review Reply ASAP Please comment

Milton,

Attached are copies of the laboratory results for the samples taken in buildings E, K and in the library at the University of Alaska, Anchorage. Note that all pipe insulation samples were positive for asbestos, (greater than 1%). The sample of fireproofing material from the library was negative for asbestos by polarized light microscopy (PLM) analysis. Two additional random samples of the fireproofing material will be required in order to exempt this material from being treated as asbestos containing.

Occupational Safety and Health Administration (OSHA) requires that employers provide asbestos awareness training for employees performing Class I through Class IV asbestos work. Class IV asbestos work includes maintenance and custodial activities during which ACM is not likely to be disturbed. We recommend that facilities maintaining asbestos-containing materials also implement a written operations and maintenance plan which outlines policies and procedures when working around asbestos materials.

EHS-Alaska, Inc. can provide asbestos awareness training for your employees at your convenience. We can also provide your facility with a written operations and maintenance plan, which outlines procedures in accordance with OSHA regulations. Please contact our office if you want us to provide these services for your employees.

Regards,

Koreen L. Burrow
Koreen L. Burrow

EHS-Alaska Inc.



EHS ALASKA
INCORPORATED

Environmental Health Sciences-Alaska, Inc.
10928 Eagle River Road, Suite 202, Eagle River, AK 99577-8052
(907) 694-1383 • (907) 694-1382 fax

CHAIN OF CUSTODY RECORD/FIELD SURVEY DATA

Page 1 of 1

FIELD COLLECTION DATE: 8/23/96	JOB #: 3926-01-01	MATERIAL TYPE: (Circle) ASBESTOS LEAD	TOTAL QUANTITIES: 4
PROJECT NAME: UAA-Bldg E, K, Library		BULK ANALYSIS REQUESTED: (Circle) PLM / PLM DUST / TEM BULK / LEAD TCLP / LEAD PPM	
FACILITY: Bldgs E, K, LIBRARY		DISPOSAL: ROUTINE	TURNAROUND: ROUTINE

SPECIAL INSTRUCTIONS: Please fax report to EHS-AK

COLLECTED BY (signature): <i>Allen George</i> PRINTED NAME: ALLEN GEORGE CERT# AHERAM SHIPPING METHOD: Fed Ex COURIER (signature): <i>F 9017801844</i> DATE/TIME: 8/26/96	SELECTED LABORATORY: EHS-Va SAMPLES ACCEPTED BY: C. Blum DATE/TIME: 8-27-96 ANALYST'S SIGNATURE: DATE:	COMMENTS: <div style="text-align: center; font-size: 1.2em; font-weight: bold;">EHS 08-96-2263</div>
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SAMPLE ID	SAMPLE DESCRIPTION, (COLOR, MATERIAL TYPE, LAYERS, FRIABILITY)	LOCATION/COMMENTS (INCLUDING PHOTO/REF)	RESULTS
1. UAA9605-A01 <small>MATL. CONDITION: GOOD (FAIR) POOR</small>	H.F. pipe insulation <small>DAMAGE POTENTIAL: (LO, MED, HI) CONTACT: (Circled)</small>	Building E - Pipe chase Behind MENS ROOM - NEAR door	5%
2. UAA9608A02 <small>MATL. CONDITION: GOOD FAIR POOR</small>	" <small>DAMAGE POTENTIAL: (LO, MED, HI) CONTACT: (Circled)</small>	" Building D	4%
3. UAA9608-A03 <small>MATL. CONDITION: GOOD (FAIR) POOR</small>	SPRAYED ON fireproofing material <small>DAMAGE POTENTIAL: (LO, MED, HI) CONTACT: (Circled)</small>	Building K - Mechanical Room - WEST Side NEAR DOORWAY	N/D
4. UAA9603-A04 <small>MATL. CONDITION: GOOD FAIR POOR</small>	H.F. pipe insulation Debris <small>DAMAGE POTENTIAL: (LO, MED, HI) CONTACT: (Circled)</small>	Library - A-CORE, WEST STAIRWELL Mechanical Room - Center of Room	10% AMF
5. <small>MATL. CONDITION: GOOD FAIR POOR</small>	<small>DAMAGE POTENTIAL: (LO, MED, HI) CONTACT: (Circled)</small>		
6. <small>MATL. CONDITION: GOOD FAIR POOR</small>	<small>DAMAGE POTENTIAL: (LO, MED, HI) CONTACT: (Circled)</small>		
7. <small>MATL. CONDITION: GOOD FAIR POOR</small>	<small>DAMAGE POTENTIAL: (LO, MED, HI) CONTACT: (Circled)</small>		
8. <small>MATL. CONDITION: GOOD FAIR POOR</small>	<small>DAMAGE POTENTIAL: (LO, MED, HI) CONTACT: (Circled)</small>		

ENVIRONMENTAL HAZARDS SERVICES, INC

7469 White Pine Road
 Richmond, Virginia 23237
 Phone: (804) 275-4788 Fax: (804) 275-4907

BULK ASBESTOS SAMPLE ANALYSIS SUMMARY

CLIENT: EHS Alaska, Inc. **DATE:** 27 AUG 1996
 10928 Eagle River Rd., Suite 202
 Eagle River, AK 99577-8052

EHS PROJECT #: 08-96-2263 **PROJECT:** 3926-01-01

EHS SAMPLE#	CLIENT SAMPLE #/ LAB. GROSS DESCRIPTION	% ASBESTOS	OTHER MATERIALS
01	UAA9608-A01/ Beige Fib.	5% Chrysotile 5% Total Asbestos	3% Cellulose 42% Fibrous Glass 50% Non-Fibrous
02	UAA9608-A02/ Beige Fib.	4% Chrysotile 4% Total Asbestos	6% Cellulose 45% Fibrous Glass 45% Non-Fibrous
03	UAA9608-A03/ Beige Fib.	NAD	55% Cellulose 7% Fibrous Glass 38% Non-Fibrous
04	UAA9603-A04/ Off-White Fib.	10% Amosite 10% Total Asbestos	7% Cellulose 30% Fibrous Glass 53% Non-Fibrous

Method: Polarized Light Microscopy, EPA Method 600/R-93/116

Standards: The current OSHA Standard is one percent (1%) by weight.

Analyst: Mark Case

Reviewed by: 

NVLAP ACCREDITATION #1882

AIHA ACCREDITATION #412

NOTE: Results represent the analysis by Environmental Hazards Services, Inc., of samples submitted by the client. Sample location, description, area, volume, etc., was provided by the client. This report cannot be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government. This report shall not be reproduced except in full, without the written consent of Environmental Hazards Services, Inc.

Environmental Hazards Services, Inc. recommends reanalysis by point count (for more accurate quantification) or Transmission Electron Microscopy ((TEM), for enhanced detection capabilities) for materials regulated by the EPA NESHAP (National Emission Standards for Hazardous Air Pollutants) and found to contain less than ten percent (<10%) asbestos by polarized light microscopy (PLM). Both services are available for an additional fee.

NAD = No Asbestos Detected

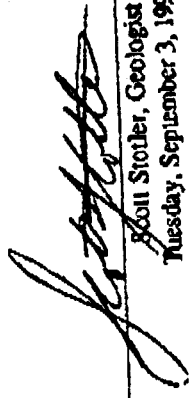
SCF = Suspected Ceramic Fibers

newnep.wps/MA Y96/JJD

Table I - Environmental Health Sciences - AK
Polarized Light Analysis Results
Project AOC608504

Sample Number / Sample Appearance	Client Sample Number	Asbestos										Nonasbestos					Date
		Chrysotile	Amosite	Crocidolite	Anthophyllite	Tremolite	Actinolite	Cellulose	Wool	Mineral	Fibrous	Synthetic	Other	Fibers	Material	Analyst	
1619248CPL Tan spray-on fireproofing	QCUA9608-A03						15 %	2 %						83 %	9/3/96	SS	
NFM: Qtz, Carb, Opaq, Misc, Misc. Part. Homogeneous																	

Authorized Signature



Date

Scott Stotler, Geologist
 Tuesday, September 3, 1996

Phone (510) 567-0480
 Fax (510) 567-0488

Samples received on: Tuesday, August 27, 1996

530 McCormick Street
 San Leandro, CA 94577

Lee Group, Inc.
 Area Lab

1:31 AM RI LEE GROUP, INC. FAX NO. 0100819400