

WEC WHITE ENVIRONMENTAL CONSULTANTS INC.

731 I. Street Suite 201 Anchorage AK 99501

TO: Mike Shaw, Cornerstone General Contractors
212 E. 51st Ave.
Anchorage AK 99503

FROM: Matt White, PE, CIH
RE: UAA/APU Library Air Monitoring

Dear Mr. Shaw:

By request of Cornerstone General Contractors., White Environmental Consultants Inc. performed asbestos air monitoring on the night of January 23rd, 2003 at UAA/APU Library in Anchorage Alaska.

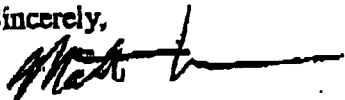
A total of ten air samples were collected utilizing the industry standard EPA AHERA sampling protocol. Air samples were randomly distributed among the two floors, with five samples on the first floor and five samples on the second floor (see attached drawings for sampling stations).

Samples were analyzed via AHERA Level II fiber counting rules with Transmission Electron Microscopy (TEM) by R.J. Lee Group of San Leandro California. Two field blanks were also collected and submitted with the sample set.

Laboratory analyses determined no detectable quantities of asbestos (see attached laboratory reports). Sufficient volumes were collected to exceed the AHERA protocol for a 1200 liter clearance sample.

Feel free to contact me with any questions regarding this work.

Sincerely,



Matt White - PE, CIH

MW/gls
Attachments

Rx Date/Time JAN-28-2003 (TUE) 09:02
JAN. 28. 2003 10:14AM R J LEE GROUP INC

510 567 0488

NO. 1131 P. 2

P. 002

RJ Lee Group, Inc.

530 McCormick St. • San Leandro, CA 94577
(510) 567-0480 • FAX (510) 567-0488

January 28, 2003

Mr. Matt White
White Environmental Consultants, Inc.
3300 C Street Suite 118
Anchorage, AK 99503

RE: TEM Asbestos Analysis Results for Samples as Shown on Test Report & Table II
RJ Lee Group Job No.: ATC301328
Customer Project No.: 02I-397 UAA/AFU Library

Dear Mr. White:

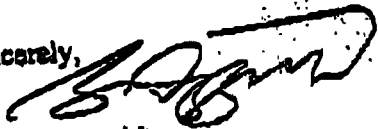
Enclosed are the results from the transmission electron microscopy (TEM) asbestos analysis for your above referenced project using proposed EPA Level II analysis. Test Report lists each sample identification number, filter area, sample volume, area analyzed, structure counts, analytical sensitivity, and the concentration of asbestos. Table II lists the same information as Test Report for structures $\geq 5\mu\text{m}$ in length.

Count sheets are available at an additional charge.

These results are submitted pursuant to RJ Lee Group's current terms and conditions of sale, including the company's standard warranty and limitation of liability provisions and no responsibility or liability is assumed for the manner in which the results are used or interpreted.

Should you have any questions, please feel free to call.

Sincerely,



Sean Fitzgerald
Project Manager

SF/sjb
Enclosures

Monroeville, PA • San Leandro, CA • Washington, D.C.

Rx Date/Time JAN-28-2003 (TUE) 09:02
 JAN. 28. 2003 10:15AM R J LEE GROUP INC

510 567 0488

NO. 1131 P. 3

P. 003


Test Report

Total Asbestos Structure Concentration
TEM Level II Analysis
Project ATC301328

Client Sample Number	Filter Area (sq mm)	Area Analyzed (sq mm)	Structures Chr	Amp	Analytical Sensitivity † (S/eq. mm)	Concentration (S/eq. mm)	Analysis Date
397-001	385	1686.70	0	0	0.0041	<17.9*	1/27/03
397-002	385	1686.70	0	0	0.0041	<17.9*	1/27/03
397-003	385	1676.60	0	0	0.0041	<17.9*	1/27/03
397-004	385	1696.80	0	0	0.0041	<17.9*	1/27/03
397-005	385	1636.20	0	0	0.0042	<17.9*	1/27/03
397-006	385	1706.90	0	0	0.0040	<17.9*	1/27/03
397-007	385	1364.00	0	0	0.0038	<15.4*	1/27/03
397-008	385	1582.40	0	0	0.0037	<15.4*	1/27/03
397-009	385	1737.20	0	0	0.0040	<17.9*	1/27/03
397-010	385	1573.20	0	0	0.0038	<15.4*	1/27/03
397-011	Blank	N/A	-	-	-	-	00/00/00
397-012	Blank	N/A	-	-	-	-	00/00/00

As provided by White Environmental Consultants, Inc. for Project 021-397 UAA/APU Library were used to calculate analytical results and sensitivities. Total asbestos concentration based on one structure in the area analyzed.

† Analytical Sensitivity is based on a blank sample analyzed on Monday, January 27, 2003. Sensitivity is Less Than Analytical Sensitivity. Sample not analyzed.


 Authorized Signature
 Sean Fitzgerald, Laboratory Manager
 Date Date Tuesday, January 28, 2003


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

530 McComnick Street
 San Leandro, CA 94577

RJ Lee Group, Inc.
 Bay Area Lab

Rx Date/Time JAN-28-2003(TUE) 09:02
JAN. 28, 2003 10:15AM R J LEE GROUP, INC

510 567 0488
ATC 30 | NO. 1131 | P. 5 P. 005

 WHITE ENVIRONMENTAL CONSULTANTS, INC. 731 X Street, Ste 201 Anchorage, AK 99501 Phone (907) 258-8661 Fax (907) 258-8662	PROJECT NAME	UAA/APU Library
	LOCATION	CORNERSTONE
	CLIENT	CORNERSTONE
	CLIENT PROJECT	DATE 01-27-03

FIELD DATA SHEET - ASBESTOS AIR MONITORING

ANALYSIS REQUESTED BY GENERAL MCM	PERMITS AND REGULATIONS ASBESTOS PERMITS FEB-03	NUMBER OF SAMPLES 12	INSTRUMENT IDENTIFICATION WEC-HUB
COLLECTED BY (signature) G. Staugenborg	COLLECTION DATE 01-27-03	SELECTED LABORATORY RT Lee	ANALYST SIGNATURE
RELINQUISHED BY	DATE/TIME	SAMPLES RECEIVED BY (signature)	DATE/TIME 1-27-03 @ 09:10am

Comments: Pumps were pre & post calibrated. See attached map for sample locations. Locations are described on collection sheet in reference to structural columns.

LOG NO	SAMPLE ID	LOCATION	START TIME	FLOW (L/MIN)	STOP TIME	FLOW (L/MIN)	VOLUME (L)	RESULTS
397-001	ENV	2nd floor near column C-7	0253	10.1	0240	10.1	1686.7	
397-002	ENV	2nd floor near column G-7	0255	10.1	0242	10.1	1686.7	
397-003	ENV	2nd floor near column L-9	0258	10.1	0244	10.1	1676.6	
397-004	ENV	2nd floor middle of J-L 4-6 grid	0001	10.1	0249	10.1	1696.8	
397-005	ENV	2nd floor middle of E-G, 1-2 grid	0004	10.1	0246	10.1	1636.2	
397-006	ENV	1st floor near column E-4	0007	10.1	0256	10.1	1706.9	
397-007	ENV	1st floor near column J-2	0010	9.2	0300	9.2		

Rx Date/Time JAN-28-2003(TUE) 09:02
 JAN. 28. 2003 10:16AM R J LEE GROUP INC

510 567 0488 P. 006
 ATC30132 NO. 1131 P. 6 of 5

WEC WHITE ENVIRONMENTAL CONSULTANTS INC. 731 I Street, Ste 201 Anchorage, AK 99501 Phone (907) 253-9661 Fax (907) 253-9662	PROJECT NAME _____
	LOCATION _____ PROJECT NO. _____
	CLIENT _____ DATE _____
	CLIENT PROJECT _____ SHEET NO. _____ OF _____

FIELD DATA SHEET - ASBESTOS AIR MONITORING			
ANALYSIS REQUESTED (MMS) M M	TURBIDITY REQUESTED	NUMBER OF SAMPLES	MOTOMETER IDENTIFICATION
COLLECTED BY (signature)	COLLECTION DATE	SELECTED LABORATORY	ANALYST SIGNATURE
RECORDED BY	DATE/TIME	SAMPLES RECEIVED BY (signature)	DATE/TIME 1-27-03 @ 9:00c

Comments: (continued)

Sample ID	Location	Sample Type	Pump ID	START TIME	STOP TIME	FLOW (L/MIN)	VOLUME (L)	PRECIPITATED	RESULTS
✓ 397-009	1st floor, near column E-9	ENV	Cool and PPE	0813	0909	9.2	1582.4		Results Report
✓ 397-008	1st floor between J-9 and L-9	ENV	Cool and PPE	0816	0909	10.1	1737.2		Results Report
✓ 397-010	1st floor near column D-12	ENV	Cool and PPE	0820	0911	9.2	1573.2		Results Report
✓ 397-011	FIELD BLANK								Results Report
✓ 397-012	FIELD BLANK								Results Report
397-013	END								Results Report

(5)