



**Solar Environmental Services, Inc.**  
 1131 E. 76th Avenue, Ste. 102  
 Anchorage, Ak 99518  
 Tel (907) 349-7705/Fax (907) 349-7944

# INVOICE

Invoice Number: **I-971036**  
 Invoice Date: **February 26, 1997**



**Sold To: U A A- ENVR. HEALTH & SAFETY**  
**Bill Burch**  
**3311 Providence Drive, ULD 129**  
**Anchorage, Ak 99508**

**Billed To: (If other than Sold To:)**

Order Number	Project Name	Project Number	Terms		
196061	UAA GORDON HARTLEB BLDG. WEST	GORDON HARTLEB BLDG.	Net 30 days		
P.O. Number	Description of Services		Quantity	Unit Price	Amount
GORDON HARTLEB BLDG.	BULK SAMPLING 02/21/97 MIN. 2 HOURS		2	\$50.00	\$100.00
GORDON HARTLEB BLDG.	BULK ANALYSIS #UAAGWK022197-001----03 RPT B97-0036		3	\$25.00	\$75.00

*OK to pay*  
*Ray 3/9/97*

*We appreciate your business!* **Total** **\$175.00**

Service charge of 1.17% per month (14% per annum) will be added on all past due accounts and subject to SES General Terms and Conditions.



# SOLAR ENVIRONMENTAL SERVICES, INC.

1131 E. 76TH Ave., Ste. 102, Anchorage, Ak 99518

Phone (907) 349-7705/ Fax (907) 349-7944



Accredited Laboratory

U.S. Dept. of Commerce-NIST

## CERTIFICATE OF ANALYSIS

**CLIENT:** UAA- Environmental Health & Safety  
**ATTN:** Bill Burch  
3311 Providence Drive, ULD 129  
Anchorage, Ak 99508

**CLIENT ORDER#:** 196061  
**PROJECT NAME:** UAA Gordon Hartleb Bldg. West  
**PROJECT NO:** UAA Gordon Harleb Bldg. West  
**REPORT NO:** B97-0036  
**REPORT DATE:** February 25, 1997  
**COLLECTED BY:** A. Odsigue- SES  
**DATE SAMPLED:** February 21, 1997  
**DATE RECEIVED:** February 21, 1997  
**DATE ANALYZED:** February 21, 1997  
**ANALYZED BY:** A. Odsigue-SES

**PAGE:** 1 of 1

### BULK ASBESTOS ANALYSIS REPORT POLARIZED LIGHT MICROSCOPY (PLM) EPA METHOD 600R93116

LAB.#	CLIENT#	DESCRIPTION/ LOCATION/ (COLOR)	%ASBESTOS PRESENT	%OTHER FIBROUS MATERIALS	%NONFIBROUS MATERIALS
97531BO0263	UAA-GWK- 022197-001	Kiln work area N. side of door/ceiling tile (Lt. brn/white)	None Detected	55-60%Fibrous Glass 30-35% Cellulose	5-15%
97531BO0264	UAA-GWK- 022197-002	Kiln work area W. side by light/ceiling tile (Lt. brn/white)	None Detected	55-60%Fibrous Glass 30-35% Cellulose	5-15%
97531BO0265	UAA-GWK- 022197-003	Kiln work area N. side by folding door/ceiling tile (Lt. brn/white)	None Detected	55-60%Fibrous Glass 30-35% Cellulose	5-15%
97531BO0264QC	UAA-GWK- 022197-002	QUALITY CONTROL	None Detected	50-55%Fibrous Glass 40-45% Cellulose	5-10%QC-PASSED

END OF REPORT

All quantitations are based on visual estimation unless point counting method, per NESHAP 40 CFR Part 61, is requested by client. Test report relates only to the items tested and must not be used by client to claim product endorsement by NVLAP or any Agency of the U.S. Government. Test report must not be reproduced except in full without the approval of SES and subject to SES general terms and conditions. Small asbestos fibers may be missed by PLM Method due to resolution limitations of the optical microscope. Therefore, None Detected and <1% PLM results cannot be guaranteed. Transmission Electron Microscopy (TEM) is recommended for confirmation.

REVIEWED AND APPROVED BY: Gracita O. Torrijos, Chemist-I.H.

Date: 2/25/97

**ENVIRO-PROBE, INC.**  
 3830 Park Avenue  
 Edison, New Jersey 08820  
 Phone: (908) 494-4600 / Fax: (908) 494-4611

**TRANSMISSION ELECTRON MICROSCOPIC ANALYSES  
 NOB'S AND BULK MATERIALS FOR ASBESTOS**

TEST METHOD - NYS ELAP CERTIFICATION MANUAL, ITEM #198.4  
 NATIONAL VOLUNTARY LABORATORY ACCREDITATION PROGRAM LAB ID# 1981  
 NEW YORK STATE ELAP CERTIFICATION LAB ID #10414

*SES# 748011497*

DATE SUBMITTED: 1-15-97  
 DATE ANALYZED: 1-17-97  
 FILE #: 97-24  
 ANALYST: Subash Dewan

CLIENT NAME: Solar Environmental Services, Inc.  
 COMPANY: 1131 E. 76th Ave., Suite 102  
 ADDRESS: Anchorage, Alaska 99518  
 CITY, STATE, ZIP: 907-349-7705

1. SAMPLING LOCATION*	UAA-L	UAA-K				
	CT	CT				
2. CLIENT'S ID#**	-003A, B,C	-003A, B,C				
3. LAB ID# 97E	-147	-148				
4. STEREO-MICROSCOPIC EXAMINATION						
1. HOMOGENEOUS (Y/N)	Y	Y				
2. COLOR						
1. WHITE						
2. BROWN	3	3				
3. GREY						
4. OTHERS						
5. ASBESTOS DETECTED BY TEM (Y/N)	Y	Y				
6. ASBESTOS PERCENTAGE						
1. AMOSITE						
2. CHRYSOTILE	Trace	Trace				
3. CROCIDOLITE						
4. OTHERS						
7. TOTAL ASBESTOS PERCENTAGE	Traces	Traces				

- = No Asbestos Detected By TEM Analysis.

- \* The sampling locations were provided by the client
- These results apply to these/these particular samples/sample
- This report is not endorsed by NVLAP or any other U.S. government agency.
- According to NYS law, all negative NOBs (floor tiles, roofing materials, etc.) must be confirmed by TEM

*Subash Dewan*  
 ANALYST SIGNATURE

\_\_\_\_\_  
 LAB SUPERVISOR / DIRECTOR