

APPLIED TECHNOLOGY SERVICES, INC.
240 NORTH AVE
NEW ROCHELLE, NY 10801
914-654-0080
914-654-1332 FAX

/FACSIMILE TRANSMITTAL SHEET

TO:	FROM:
Penny Theodorells	Steve VanderWoude
COMPANY:	DATE:
Dept of Environmental Protection	5/9/2002
FAX NUMBER:	TOTAL NO. OF PAGES INCLUDING COVER:
718-595-3648	10
PHONE NUMBER:	SENDER'S REFERENCE NUMBER:
718-595-3657	E02411
RE:	YOUR REFERENCE NUMBER:
FITTERMAN HALL	

☐ URGENT

☒ FOR REVIEW

☐ PLEASE REPLY

As per your request ATS is faxing copies of
FITTERMAN HALL 30 West Broadway, New York, NY
Roof Sample Analyses

ENTERED

SCILAB**SCIENTIFIC LABORATORIES, INC.**

117 EAST 30TH STREET

NEW YORK, NY 10016

TEL: (212) 679-8600 • FAX: (212) 679-9392

PLM Bulk Asbestos Report

Applied Technology Services, Inc.
 Attn: Steve Vanderwoude
 240 North Avenue
 New Rochelle, NY 10801

Date Received 05/06/2002 SciLab Job No. 202051557
 Date Examined 05/06/2002 P.O. # E02411
 ELAP Number 11480 Page 1 of 5
 RE: E02411

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
26-050602-01	202051557-01	No	NAD

DUS-001 Location: Roof, 16th Floor, SE Corner Roof Drains

Description: Brown, Heterogeneous, Dust / Debris

Asbestos Types:

Other Material: Cellulose 5. %, Fibrous glass 2. %, Synthetic fibers Trace,
 Non-fibrous 93. %

26-050602-02	202051557-02	No	NAD
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DUS-001 Location: Roof, 16th Floor, 7th Column

Description: OffWhite, Homogeneous, Dust / Debris

Asbestos Types:

Other Material: Cellulose 30. %, Fibrous glass 5. %, Non-fibrous 65. %

Comment: APPEARS TO BE INSULATION

26-050602-03	202051557-03	No	NAD
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DUS-001 Location: Roof, 16th Floor, Door A Right

Description: Grey, Heterogeneous, Dust / Debris

Asbestos Types:

Other Material: Cellulose 10. %, Fibrous glass 10. %, Synthetic fibers Trace,
 Non-fibrous 80. %

26-050602-04	202051557-04	No	NAD
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DUS-001 Location: Roof, 16th Floor, Drain

Description: Brown, Heterogeneous, Dust / Debris

Asbestos Types:

Other Material: Cellulose 8. %, Fibrous glass 5. %, Non-fibrous 87. %


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ELAP Number 11480 Page 2 of 5
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Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
26-050602-05	202051557-05	No	NAD
DUS-001	Location: Roof, 16th Floor, Outer North Corner of Door A		

Description: OffWhite, Heterogeneous, Dust / Debris
Asbestos Types:
Other Material: Cellulose Trace, Non-fibrous 100. %

26-050602-06	202051557-06	Yes	<1. %
DUS-001	Location: Roof, 16th Floor, 3rd Drain North		

Description: Brown, Heterogeneous, Dust / Debris
Asbestos Types: Chrysotile Trace
Other Material: Animal hair Trace, Cellulose 12. %, Fibrous glass 8. %, Synthetic fibers Trace, Non-fibrous 80. %

26-050602-07	202051557-07	Yes	<1. %
DUS-001	Location: Roof, 16th Floor, Handrail 4th Column NS		

Description: Grey, Heterogeneous, Dust / Debris
Asbestos Types: Chrysotile Trace
Other Material: Cellulose 20. %, Fibrous glass 35. %, Synthetic fibers Trace, Non-fibrous 45. %

26-050602-08	202051557-08	Yes	<1. %
DUS-001	Location: Roof, 16th Floor, West Side of North Drain		

Description: Brown, Heterogeneous, Dust / Debris
Asbestos Types: Chrysotile Trace
Other Material: Animal hair Trace, Cellulose 20. %, Fibrous glass 30. %, Synthetic fibers Trace, Non-fibrous 50. %

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ELAP Number 11480 Page 3 of 5
RE: E02411

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
26-050602-09	202051557-09	Yes	<1. %
DUS-001	Location: Roof, 16th Floor, 2nd Handrail North		
Description: Brown, Heterogeneous, Dust / Debris			
Asbestos Types: Chrysotile Trace			
Other Material: Cellulose 15. %, Fibrous glass 20. %, Synthetic fibers Trace, Non-fibrous 65. %			
26-050602-10	202051557-10	No	NAD
ASH-001	Location: 15th Floor, West Building Wall, Near Air Intake		
Description: Off White, Homogeneous, Dust / Debris			
Asbestos Types:			
Other Material: Cellulose 35. %, Fibrous glass 5. %, Non-fibrous 60. %			
Comment: APPEARS TO BE INSULATION			
26-050602-11	202051557-11	No	NAD
DUS-001	Location: 15th Floor, West Parapet Wall, 8' From South Corner		
Description: Grey, Heterogeneous, Dust / Debris			
Asbestos Types:			
Other Material: Cellulose 10. %, Fibrous glass 8. %, Synthetic fibers Trace, Non-fibrous 82. %			
26-050602-12	202051557-12	No	NAD
WIP-001	Location: 15th Floor, West Side Air Intake, 6' From Roof Louver		
Description: (Wipe), Heterogeneous, Dust / Debris			
Asbestos Types:			
Other Material: NAD			
Comment: THIS IS A QUALITATIVE RESULT, SHOULD BE CONSIDERED NVA			

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Date Received	05/06/2002	SciLab Job No.	202051557
Date Examined	05/06/2002	P.O. #	E02411
ELAP Number	11480	Page	4 of 5
RE:	E02411		

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
26-050602-13	202051557-13	Yes	<1.%
DEB-001	Location: 15th Floor, At North Side Drain		

Description: Green/Gray. Heterogeneous, Dust / Debris
 Asbestos Types: Chrysotile Trace
 Other Material: Cellulose 5. %, Fibrous glass 60. %, Non-fibrous 35. %

26-050602-14	202051557-14	Yes	<1.%
DEB-002	Location: East Side Walk, 10' South of Corner		

Description: Grey. Heterogeneous, Dust / Debris
 Asbestos Types: Chrysotile Trace
 Other Material: Cellulose 15. %, Fibrous glass 40. %, Synthetic fibers Trace,
 Non-fibrous 45. %

26-050602-15	202051557-15	Yes	<1.%
ASH-002	Location: 15th Floor, East Side Walk, Window Leadage @Kitchen		

Description: Grey. Heterogeneous, Dust / Debris
 Asbestos Types: Chrysotile Trace
 Other Material: Cellulose 8. %, Fibrous glass 30. %, Non-fibrous 62. %

26-050602-16	202051557-16	Yes	<1.%
ASH-003	Location: 15th Floor, South Side Walk, SE Corner, 6' West		

Description: Grey. Heterogeneous, Dust / Debris
 Asbestos Types: Chrysotile Trace
 Other Material: Cellulose 12. %, Fibrous glass 35. %, Synthetic fibers Trace,
 Non-fibrous 53. %



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Date Received 05/06/2002 SciLab Job No. 202051557
Date Examined 05/06/2002 P.O. # E02411
ELAP Number 11480 Page 5 of 5
RE: E02411

Reporting Notes:

Analyzed by: David Roderick

*NAD/NSD = no asbestos detected; NA = not analyzed; NA/PS = not analyzed / positive stop; PLM Bulk Asbestos Analysis by EPA 600/M4-82-020 per 40 CFR 763 (NYLAP Lab #200546-0) and ELAP PLM Analysis Protocol 198.1 for New York samples (NYSDOH ELAP Lab # 11480); Note: PLM is not consistently reliable in detecting asbestos in floor coverings and similar non-friable organically bound materials. TEM is currently the only method that can be used to determine if this material can be considered or treated as non-asbestos-containing in New York State (also see EPA Advisory for floor tile, FR 59, 146, 38970, 8/1/94). National Institute of Standards and Technology Accreditation requirements mandate that this report must not be reproduced except in full without the approval of the laboratory. This PLM report relates ONLY to the items tested. AIHA# 102843; VT Cert# A1.016055

Reviewed By: _____

SciLab Job#: 202051557

Client Name: Applied Technology Services, Inc.

Page 1 of 2

Table I
Summary of Bulk Asbestos Analysis Results
 E02411

SciLab Sample #	Client Sample# Location	BQ Area	Sample Weight (gram)	Heat Sensitive Organic %	Add Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLMDS	** Asbestos % by TEM
01	26-050602-01 Roof, 16th Floor, SB Corner Roof Drains	DUS-001	---	---	---	---	NAD	NAD
02	26-050602-02 Roof, 16th Floor, 7th Column	DUS-001	---	---	---	---	NAD	NAD
03	26-050602-03 Roof, 16th Floor, Door A Right	DUS-001	---	---	---	---	NAD	NAD
04	26-050602-04 Roof, 16th Floor, Drain	DUS-001	---	---	---	---	NAD	NAD
05	26-050602-05 Roof, 16th Floor, Outer North Corner of Door A	DUS-001	---	---	---	---	NAD	NAD
06	26-050602-06 Roof, 16th Floor, 3rd Drain North	DUS-001	---	---	---	---	Chrysotile Trace	NA
07	26-050602-07 Roof, 16th Floor, Handrail 4th Column NS	DUS-001	---	---	---	---	Chrysotile Trace	NA
08	26-050602-08 Roof, 16th Floor, West Side of North Drain	DUS-001	---	---	---	---	Chrysotile Trace	NA
09	26-050602-09 Roof, 16th Floor, 2nd Handrail North	DUS-001	---	---	---	---	Chrysotile Trace	NA
10	26-050602-10 15th Floor, West Building Wall, Near Air Intake	ASH-001	---	---	---	---	NAD	NAD
11	26-050602-11 15th Floor, West Parapet Wall, 8' From South Corner	DUS-001	---	---	---	---	NAD	NAD
12	26-050602-12 15th Floor, West Side Air Intake, 6' From Roof Louver	WTP-001	---	---	---	---	NAD	NAD
13	26-050602-13 15th Floor, At North Side Drain	DEB-001	---	---	---	---	Chrysotile Trace	NA

See Reporting notes on last page

SciLab Job#: 202051557

Client Name: Applied Technology Services, Inc.

Page 2 of 2

Table I
Summary of Bulk Asbestos Analysis Results
E02411

SciLab Sample #	Client Sample# Location	HQ Area	Sample Weight (gram)	Heat Sensitive Organic %	Acid Soluble Inorganic %	Insoluble Non-Asbestos Inorganic %	** Asbestos % by PLM/TDS	** Asbestos % by TEM
14	26-050602-14 East Side Walk, 10' South of Corner	DEB-002	----	----	----	----	Chrysotile Trace	NA
15	26-050602-15 15th Floor, East Side Walk, Window Leadge @Kitchen	ASH-002	----	----	----	----	Chrysotile Trace	NA
16	26-050602-16 15th Floor, South Side Walk, SE Corner, 6' West	ASH-003	----	----	----	----	Chrysotile Trace	NA

Analyzed by: Mitchell Gruzman; Date Analyzed 5/7/02

Qualitative Analysis (Semi/Full): Bulk Asbestos Analysis - PLM by EPA 600/4-92-020 per 40 CFR (NYLAP Lab#200546-0); TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NYLAP Bulk accreditation); or ELAP 198.17198.4 for New York samples (NYSDOH ELAP#11480); NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "N/A = No Visible Asbestos" represent results for Qualitative PLM or TEM Analysis only (and accreditation coverage available from any regulatory agency for qualitative analysis); ACHA Lab#102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: _____

LAB: Sci 6116

240 NORTH AVENUE
NEW ROCHELLE NEW YORK 10801
(914) 634-0080 OR (914) 634-1332 FAX

EMPLOYEE NO: 26

26

LAB:
VIA:

BULK SAMPLE ANALYSIS

SAMPLE #	FOR # CODE	SAMPLE DESCRIPTION	SAMPLE LOCATION SAMPLE QUANTITY	TSM	ACN CODE	ASBESTOS %	TYPE
26-050602-01	Roof 16	DUST COLLECTED FROM ROOF 1/16 FLOOR	SE CORNER CORRIDOR TWO FINGERS FULL	M	DUS-001		
26-050602-02	Roof 16	7-HANDRAIL CORNER ROOF 1/16 FLOOR	7 HANDRAIL CORNER 1 POUND	M			
26-050602-03	Roof 16	DUST IN HG OF DRAINAGE ROOF 1/16 FLOOR	DRAINAGE TO RIGHT OF HAS MUCH AS I CAN SCOPE	M			
26-050602-04	Roof 16	DUST + DEBRIS DRAINAGE ROOF 1/16 FLOOR	DRAINAGE OF ROOF HANDRAIL	M			
26-050602-05	Roof 16	DUST DRAINAGE ROOF 1/16 FLOOR	OUTER N. SIDE OF ROOF "A" AS MUCH AS POSSIBLE	M			
26-050602-06	Roof 16	DUST + DEBRIS ROOF 1/16 FLOOR	2ND DRAIN NORTH TWO FINGERS FULL	M			
26-050602-07	Roof 16	DUST + DEBRIS ROOF 1/16 FLOOR	4TH DRAIN FINGER FULL	M			
26-050602-08	Roof 16	DUST + DEBRIS ROOF 1/16 FLOOR	N. SIDE OF NORTH DRAIN HANDRAIL	M			
26-050602-09	Roof 16	DUST + DEBRIS ROOF 1/16 FLOOR	2ND HANDRAIL N	M			

CHAIN-OF-CUSTODY

TURN-AROUND

RESULTS TO:

COMMENTS

SENT BY: Mrs. McQuinn	IMMEDIATE	RESULTS TO: PUL, IF MSG TEM
DATE: 5/6	8 HRS	QUAL
RECEIVED BY: elphinstone	12 HRS X	
DATE: 5/6	24 HRS	
TIME: 1:00	72 HRS	

202051557

LAB: Silvix
VIA: _____

240 NORTH AVENUE
NEW ROCHELLE NEW YORK 10801
(914) 634-0080 OR (914) 634-1332 FAX

EMPLOYEE NO: 220

BULK SAMPLE ANALYSIS

SAMPLE #	FLR #	SAMPLE DESCRIPTION	SAMPLE LOCATION	TSM	ACM CODE	ASBESTOS TYPE
26-050602-10	15	ASH - OFF CREAM	NR AIR INTAKE	M	ASH-001	
26-050602-11	15	W. BUDG WALL DST + DEBRIS W. PAWNET WALL	8' FAR S. WALL	M	DUS-001	
26-050602-12	15	WIDE - WEST SIDE AIR INTAKE	6' AFFRONT FROM LOUVER	M	WIP-001	
26-050602-13	15	EG LIKE INS. DEBR DRAIN AT N. SIDE		M	DEB-001	
26-050602-14	15	OFF WHITE FIBROUS EAST SIDE WALL	10' S OF CRANE	M	DEB-002	
26-050602-15	15	ASH - OFF WHITE E. SIDE WALL KITCHEN	VOIDED UNDER	M	ASH-002	
26-050602-16	15	ASH - OFF WHITE S. SIDE WALL	S.E. CORNER 6' WEST	M	ASH-003	
26-050602-17						
26-050602-18						

CHAM. OF. CUSTODY		TURN-AROUND		RESULTS TO:		COMMENTS	
SENT BY:	IMMEDIATE					PLM-151056 TSM	
DATE:	6 HRS			FAX:		QUAL	
RECEIVED BY:	12 HRS			TEL:			
DATE:	5/6			BEEPER:		202051557	
TIME:	1800						