

Applied Technology Services, Inc.

240 NORTH AVENUE
NEW ROCHELLE, NY 10801
(914) 654-0080 / Fax (914) 654-1332

**BULK SAMPLING REPORT
for**

MURRAY WARREN COMPLEX

**57 MURRAY STREET
59 MURRAY STREET
61 MURRAY STREET, 65 WEST BROADWAY
71 WEST BROADWAY
71-73 WEST BROADWAY
59 WARREN STREET
61 WARREN STREET**

Prepared for
Mr. Alan Palestine
Murray Warren Associates
375 Park Avenue
Suite 1508
New York, NY 10152
(212) 758-0850 / (212) 758-0852 Fax

April 20, 2002

**ATS Job #'s
A02040 & A02042**

Applied Technology Services, Inc.

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BULK SAMPLING REPORT

On March 15, 2002 Applied Technology Services, Inc. (ATS) performed an asbestos survey and collected bulk samples for analyses. ATS's services were requested at the Murray Warren Complex by Mr. Alan Palestine of Murray Warren Associates.

The survey was performed by Steve VanderWoude, certified NYS DEP Investigator. Samples of grey dust were taken from the roofs of the various buildings. These samples were analyzed via Polarized Light Microscopy (PLM).

Results of the laboratory analysis indicate that none of the material tested would be classified as asbestos containing material (ACM). **ACM is material with an asbestos content greater than 1%.**

<u>Materials</u>	<u>Location</u>	<u>ACM</u>	<u>Sample #</u>
Grey, Dust	57 Murray, Roof	NO	16-031502-05
Grey, Dust	59 Murray, Roof	NO	16-031502-06
Grey, Dust	61 Murray, Roof	NO	16-031502-07
Grey, Dust	71 Bdwy, Bedroom	NO	16-031502-08
Grey, Dust	71 Bdwy, Roof	NO	16-031502-09
Grey, Dust	59 Warren, Roof	NO	16-031502-10
Grey, Dust	61 Warren, Roof	NO	16-031502-11

Copies of laboratory analyses are included with this report.

If you have any questions please contact our office.



Steve VanderWoude
Vice President
Applied Technology Services, Inc.

A02040 & A02042

**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 03/15/2002 **SciLab Job No.** 202032592
Date Examined 03/17/2002 **P.O. #** A02042
ELAP Number 11480 **Page 2 of 3**
RE: A02042

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos
16-031502-09	202032592-05	Yes	<1.% ^{1, 2}
Location: Roof, 71-73 West Broadway Description: Grey, Heterogeneous, Dust Asbestos Types: Chrysotile 0.25 % Other Material: Animal hair 10. %, Cellulose 10. %, Fibrous glass 30. %, Non-fibrous 49.75 %			
16-031502-10	202032592-06	Yes	<1.% ^{1, 2}
Location: Roof, 59 Warren Description: Grey, Heterogeneous, Dust Asbestos Types: Chrysotile 0.5 % Other Material: Animal hair 3. %, Cellulose 8. %, Fibrous glass 35. %, Non-fibrous 53.5 %			
16-031502-11	202032592-07	Yes	<1.% ^{1, 2}
Location: Roof, 61 Warren Description: Grey, Heterogeneous, Dust Asbestos Types: Chrysotile Trace Other Material: Animal hair 2. %, Cellulose 5. %, Fibrous glass 30. %, Non-fibrous 63. %			

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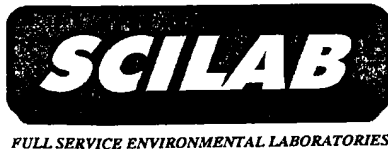
PLM Bulk Asbestos Report

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

Date Received 03/15/2002
Date Examined 03/17/2002
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SciLab Job No. 202032592
P.O. # A02042
Page 1 of 3

Client No. / HGA	Lab No.	Asbestos Present	Total % Asbestos ^{1,2}
16-031502-05	202032592-01	Yes	<1.%
Location: Roof, 57 Murray			
Description: Grey, Heterogeneous, Dust			
Asbestos Types: Chrysotile 0.25 %			
Other Material: Animal hair 3. %, Cellulose 12. %, Fibrous glass 45. %, Non-fibrous 39.75 %			
16-031502-06	202032592-02	Yes	<1.%. ^{1,2}
Location: Roof, 59 Murray			
Description: Grey, Heterogeneous, Dust			
Asbestos Types: Chrysotile 0.5 %			
Other Material: Animal hair 1. %, Cellulose 10. %, Fibrous glass 25. %, Non-fibrous 63.5 %			
16-031502-07	202032592-03	Yes	<1.%. ^{1,2}
Location: Roof, 61 Murray, 65 West Broadway			
Description: Grey, Heterogeneous, Dust			
Asbestos Types: Chrysotile Trace			
Other Material: Animal hair 2. %, Cellulose 5. %, Fibrous glass 12. %, Non-fibrous 81. %			
16-031502-08	202032592-04	No	NAD
Location: Roof, 71 West Broadway, Bedroom Floor			
Description: Grey, Homogeneous, Dust			
Asbestos Types:			
Other Material: Animal hair 10. %, Cellulose 50. %, Synthetic fibers 20. %, Non-fibrous 20. %			

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PLM Bulk Asbestos ReportApplied Technology Services, Inc.
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240 North Avenue
New Rochelle, NY 10801**Date Received** 03/15/2002
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RE: A02042**SciLab Job No.** 202032592
P.O. # A02042
Page 3 of 3**Reporting Notes:**

(1) Positive samples (<10%) analyzed by EPA Point Count Method (400 points).

(2) Composite analysis results for heterogenous debris samples may be highly variable due to inhomogenities in materials present

Analyzed by: Bella Chernis *Bella Chernis*

*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 (NVLAP 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# AL016055

Reviewed By: *Kane*

CITY OF
NEW YORK



ASBESTOS CERTIFICATE

PII

If found return to:

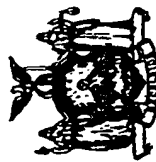
New York City Dept. of
Environmental Protection
Asbestos Control Program
59-17 Junction Blvd. 8th
Floor Corona, NY 11368

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representative upon
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license 60 days prior to
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Tampering and or
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STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
 License and Certificate Unit
 BUILDING 12, Room 161
 STATE CAMPUS
 ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

LICENSE NUMBER: P11
 DATE OF ISSUE: 05/03/01
 EXPIRATION DATE: 05/31/02

Contractor: APPLIED TECHNOLOGY SERVICES, INC.

Address: 240 North Avenue
 New Rochelle, New York 10801

Duly Authorized Representative: Sophie E. VanderWoude

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12 NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. The licensee verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.

SH 432 (10-00)


 Richard Cucolo, Director
 FOR THE COMMISSIONER OF LABOR