



sanitation

DANNY WALSH, P.E.

Chief Engineer

Support Operations/

Bureau of Engineering

44 Beaver Street, 12th Floor

New York, New York 10004

Telephone (212) 837-8006

Fax (212) 785-3952

March 19, 2001

Mr. R. Radhakrishnan, P.E.
 Director, Asbestos Control Program
 City of New York, Department of Environmental Protection
 59-17 Junction Boulevard
 Corona, New York 11368

Dear Mr. Radhakrishnan:

In response to the Department of Environmental Protection, Asbestos Control Program's inspection of the Department of Sanitation's office building at 44 Beaver Street, New York, New York, the Department of Sanitation directed its environmental consultant, LiRo-Kassner, Inc. to perform an assessment of the dust on the exterior surfaces of the building. The results of the collection and analysis of dust samples indicated that no asbestos was detected in any of the dust sample. Therefore, no further action will be taken by the Department of Sanitation.

A copy of the report is attached. If you have any question, please contact me at (212) 837-8485 or (917) 506-1087 (Beeper).

Very truly yours,

John S. Pawlowski, Ph.D.

Attachment:

C: D. Walsh

ENTERED

KEEP NYC CLEAN



REDUCE, REUSE, RECYCLE



DON'T LITTER



printed on recycled paper



The LiRo Group

LiRo-Kassner, Inc.

Engineers, Architects, and Construction Managers

15-09 132nd Street, 2nd Floor, College Point, N.Y. 11356 Telephone (718) 886-7998 Fax (718) 886-6047

March 14, 2002

Mr. John Pawlowski, Ph.D.
City of New York Department of Sanitation
44 Beaver Street
New York, New York 10004

RE: Dust Testing at 44 Beaver Street, 8th floor
LiRo Contract Number S136/350 PIN82702RR000004

Dear Mr. Pawlowski:

In response to a request from your office, LiRo-Kassner, Inc. conducted dust sampling and testing on the roof of the building located at 44 Beaver Street in Manhattan. The sampling was performed on Tuesday, March 4, 2002 by a New York State Department of Labor licensed air sampling technician using a battery operated pump and filtered cassettes compatible with analysis by Transmission Electron Microscopy. The sampling and the analysis for asbestos fibers were conducted in accordance with those procedures described in ASTM 5755.

The results of the analysis of the four samples indicate no asbestos in the tested areas including the roof drain, water drain channel, tank room roof, and elevator room roof. Enclosed are copies of the laboratory report and associated chain-of-custody form for these samples.

Please feel free to contact our office if you have any questions regarding this matter.

Sincerely,

LiRo-Kassner, Inc.

Christopher Zanon
Project Manager

J:\dos\dustsamplesbeaverst

Manhattan
Telephone (212) 563-0280
Fax No. (212) 563-1841

Syosset
Telephone (516) 938-5476
Fax No. (516) 938-5491

Buffalo
Telephone (716) 759-0887
Fax No. (716) 759-0886

SciLab { #: 202031329
Client Name: The Liro Group

Table 1

Summary of Transmission Electron Microscopy (TEM) Results for Asbestos (ASTM 5755 Dust)

001-56-200; NYC DOS; 44 Beaver Street - 8th Floor - Manhattan

SciLab Sample #	Client Sample #	Surface Area Sampled (sq. cm)	Dilution Factor	Asbestos Structures Detected	* Analytical Sensitivity on Grid (Str / sq mm)	Structure Density on Grid (Str / sq mm)	* Analytical Sensitivity on Surface (Str / sq. cm)	Structure Density on Surface (Str / sq. cm)	Type of Asbestos
01	01	100.0	0.200	0	25	<25	267	<267	NSD
	Roof Drain								
02	02	100.0	0.200	0	25	<25	267	<267	NSD
	Water Drain Channel								
03	03	100.0	0.200	0	25	<25	267	<267	NSD
	Elevator Room Roof								
04	04	100.0	0.200	0	25	<25	267	<267	NSD
	Trunk Room Roof								

structure density represented by the detection of 1 structure

not analyzed

SD: No Asbestos Structures Detected

Reviewed By:

Analyzed By:

Date: 3/4/02


Mikhail Gureman

(TEM)

LiRo-Kassner, Inc. - Air Sample Data/Chain of Custody Form

Project Name: NYC DOS Sampling Date: 2-4-02
 Area: 44 Beegles St - 8th Floor, No. 100 Sampler Name: S. Muller-Kassner
 LiRo Project #: 001-56-200 Turn-Around-Time: 4 hour or 24 hours (Circle One)

Surface Area

Sample Number	Location IWA or OWA	Sample Type: see codes below	Location Description	Time Start - Stop	Total Time	Flow Rate Start - Stop	Total Volume	Results
01	Roof	ASTM 1131 5755	Roof drain	14:00	—	—	100 L/min	
02	Roof		Water drain channel	14:05	—	—	100 L/min	
03	Roof		Elevator Room Roof	14:10	—	—	100 L/min	
04	Roof	↓	Tank Room Roof	14:15	—	—	100 L/min	
					—	—	—	
					—	—	—	
					—	—	—	
					—	—	—	
					—	—	—	
					—	—	—	
					—	—	—	
					—	—	—	
					—	—	—	

202031329

SAMPLE TYPE CODE: 1-BACKGROUND; 2-PRE-ABATEMENT; 3-DURING ABATEMENT; 4-DURING SMALL SCALE; 5-FINAL CLEARANCE; 1B-FIELD BLANK
 LOCATION ABBREVIATIONS: IWA-INSIDE WORK AREA; OWA-OUTSIDE WORK AREA; DC-DECON; OC3-OUTSIDE CRITICAL BARRIERS; / MB-AMBIENT; EX-EXHAUST

CHAIN-OF-CUSTODY

	NAME	DATE	SIGNATURE
COLLECTED BY:	S. Muller-Kassner	3/4/02	<i>S. Muller-Kassner</i>
RELINQUISHED BY:	S. Muller-Kassner	3/4/02	<i>S. Muller-Kassner</i>
RELINQUISHED BY:			
RECEIVED BY:	C. L. L. L.	3/4/02	<i>C. L. L. L.</i>
ANALYZED BY:	M. GRAMER	3/4/02	<i>M. GRAMER</i>

Instructions to Lab: Fax to LiRo Buffalo (718) 311-3422 and to LiRo Queens (718) 539-4238

White - Field Log • Pink - Laboratory



The City of New York
Department of Environmental Protection

59-17 Junction Boulevard
 Corona, New York
 11368-5107

Joel A. Miele Sr., P.E.
Commissioner

Robert C. Avaltroni
Deputy Commissioner

Bureau of Environmental Compliance
 Tel (718) 595-4418
 Fax (718) 595-4422

Building Owner Name: The Building Manager

Address: Dept. of Sanitation
B.B.M.

Subject: 44 & 42 BEAVER ST, NYC

Dear Sir/Madam:

In September 2001, the New York City Department of Environmental Protection (NYCDEP) and the Department of Health (NYCDOH) advised building owners regarding building maintenance and re-occupancy issues following the collapse of the World Trade Center. The steps included the assessment of building contamination for possible hazardous components, including asbestos.

Today, a visual survey of your building's exterior was conducted as a follow up to DEP's October survey of buildings around the World Trade Center site. At the above referenced site, visible dust accumulations were observed at:

- ☒ building facade(s)
- ☐ setback(s)
- ☒ roof
- ☒ other, elevator motor room roof & cooling tower roof

Please be advised building owners are responsible for the cleaning of building exteriors, grounds and common areas. Due to changing conditions and continued activity at Ground Zero, building owners should periodically assess the condition of building exteriors and air conditioning systems for cleanliness and may have to periodically re-clean areas. Adherence to proper cleaning methods is important for the protection of public health and the environment. DEP inspectors will be following up on this matter.

Please provide information regarding your actions to address the dust accumulations by ~~February~~ ^{March} 10, 2002. Copies of the environmental hazard assessments including bulk sample results, air monitoring results and/or a summary of clean-up activities at the above-referenced site may be faxed to (718) 595-3744 or sent to the NYCDEP Asbestos Control Program at 59-17 Junction Boulevard, 8th floor, Corona, New York 11373-5108.

If you have any questions, you may reach the NYCDEP at (718) 595-3682 during office hours or the 24-hour Help Center at (718) DEP-HELP. NYCDEP staff is available to provide guidance and technical assistance.

Sincerely,

R. Radhakrishnan
R. Radhakrishnan, P.E.
 Director
 Asbestos Control Program





**Department of
Environmental
Protection**

59-17 Junction Boulevard
Corona, New York
11368-5107

**Joel A. Miele Sr., P.E.
Commissioner**

**Robert C. Avaltroni
Deputy Commissioner**

**Bureau of
Environmental Compliance**
Tel (718) 595-4418
Fax (718) 595-4422

March. ~~February~~ 2, 2002

The Building Manager.
Building Owner Name: Dept. of Sanitation

Address: BBM

Subject: 44 & 42 BEAVER ST, NYC

Dear Sir/ Madam:

In September 2001, the New York City Department and Environmental Protection (NYC DEP) and the Department of Health (NYC DOH) advised building owners regarding building maintenance and re-occupancy issues following the collapse of the World Trade Center. The steps included the professional assessment of building contamination for possible hazardous components, including asbestos, and a retrospective filing, as required, if applicable.

The NYC DEP is hereby requesting copies of the environmental hazard assessments including bulk sample results and air monitoring results and a summary of clean-up activities at the above referenced site. Please forward the requested documents to our offices within FIVE BUSINESS DAYS. They may be faxed to (718) 595-3744 or sent to the NYC DEP Asbestos Control Program at 59-17 Junction Boulevard, 8th floor, Corona, New York 11373-5108.

Please be advised building owners are responsible for the cleaning of building exteriors, grounds, and common areas. Due to changing conditions and continued activity at Ground Zero, building owners should periodically assess the condition of building exteriors and air conditioning systems for cleanliness and may have to periodically re-clean areas. Adherence to proper cleaning methods is important for the protection of public health and the environment. DEP inspectors will be following up on this matter.

If you have any questions, you may reach the Department at (718) 595-3682 during office hours or the 24-hour Help Center at (718) DEP-HELP. DEP staff is available to provide guidance and technical assistance.

Sincerely,

NR. Radhakrishnan
NR. Radhakrishnan, P.E.
Director
Asbestos Control Program

