

ATC Associates

104 East 25 Street, New York, NY 10010

Phone: (212) 353-8280 Fax: (212) 353-8306



Attn: Mr. Fabio Pedone

Warren & Panzer Engineers, P.C.

228 E. 45th Street

New York NY 10017

Fax: (212) 922-0630

Phone: (212) 922-0077

Received: 7/20/02

5:00:00 PM

ATC Group #: 8552

Analysis Date: 7/21/02

Project: NYC DEP, W&P# 1079.01.02

33 Liberty Street, New York, NY

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed
by EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structures		Analytical Sensitivity (S/cc)	Asbestos Concentration		Notes
					0.5µ-5 µm	5µ		(S/mm ²)	(S/cc)	
DE01 8552 -1	1440.00	0.0562	0	None Detected	0	0	0.0048	<17.79	<0.0048	
DE02 8552 -2	1440.00	0.0562	0	None Detected	0	0	0.0048	<17.79	<0.0048	
DE03 8552 -3	1440.00	0.0562	0	None Detected	0	0	0.0048	<17.79	<0.0048	
DE04 8552 -4	1440.00	0.0562	0	None Detected	0	0	0.0048	<17.79	<0.0048	
DE05 8552 -5	1440.00	0.0562	0	None Detected	0	0	0.0048	<17.79	<0.0048	

ROMAN PEYSAKHOV

Analyzed by:

MICHAEL A. GORYCKI, Ph.D.

Approved by:

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/mm². This report may not be reproduced, except in full, without written approval by ATC Associates Inc. This report may not be used to claim product endorsement by NVLAP or any other agency of the U.S. Government. This reports relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101187-0, NY State ELAP #10379

WARREN & PANZER ENGINEERS, P.C.

228 East 45th Street
New York, NY 10017
(212) 922-0077
Fax (212) 922-0510

8552

AIR MONITORING LOG SHEET/CHAIN-OF-CUSTODY FORM

P.O.

24 hr⁺/a 12 hr⁺/a 6 hr⁺/a 3 hr⁺/a Immediate ⁺/a

CONTACT: McHEAL NOLAN
LLW#:
SCA JOB#:

W&P FILE #: 1079-01-02
LABORATORY: A.T.C. TEM
ANALYSIS METHOD: PCM (TEM) EPA LEVEL II
circle one 7400
TECHNICIAN: DPO

CLIENT: NYC DEP
PROJECT: 23 Liberty St
LOCATION: ROOF/ TRUCKING AREA

SAMPLE NUMBER	SAMPLE DESCRIPTION/LOCATION	SAMPLE TYPE	PUMP #	FLOWRATE START	FLOWRATE STOP	ON	TIME OFF	TOTAL TIME	VOLUME (liters)	CONCENTR. (lb./cc.)
DE01	BY De-con	3		08	08	1830	2130	180	1440	
DE02	Exit to roof (15 ft)	3		08	08	1831	2131	180	1440	
DE03	- roof (start 15 ft)	3		08	08	1832	2132	180	1440	
DE04	TRUCKING AREA	6		08	08	1833	2133	180	1440	
DE05	- "B"	6		08	08	1835	2135	180	1440	
DE06	field Blank	1		-	-			0	0	
DE07	✓	1		-	-			0	0	
DE08	Sealed Blank	1		-	-			0	0	

COMMENTS:

SAMPLE BY: DPO DATE: 7/19/02
SIGNATURE: DPO
RELEASED BY: DPO DATE:
SIGNATURE: DPO
RECEIVED BY: H.C. DATE: 01/22/02
SIGNATURE: H.C. 17:00

SAMPLE TYPE CODES	
1 - Blank	5 - Final Clearance (inside)
2 - Pre-Abatement	6 - Final Clearance (outside)
3 - During Abatement	7 - Personal
4 - During Glove Bag Removal	8 - Background

SEE REVERSE SIDE FOR ANALYSIS INFORMATION



ATC Associates Inc.

104 East 25 Street
New York, NY 10010

TEL: (212) 353-8280 FAX: (212) 353-8306

FACSIMILE TELECOPY TRANSMISSION

To: Mr. Fabio Pedone
Warren & Panzer Engineers, P.C.

Fax #: (212) 922-0630

Date: Sunday, July 21, 2002

Time: 12:12:39 AM

Comments:

From: ROMAN PEYSAKHOV

ATC Group #: 8552

Client Project: NYC DEP. W&P# 1079.01.02
33 Liberty Street, New York, NY

Number of Pages: 3
(including cover page)

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION ASBESTOS INSPECTION REPORT

TOTAL FEET: 15100 0

ONLY TYPEWRITTEN
APPLICATIONS WILL BE
ACCEPTED

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED
TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE
OF START OF THE WORK (ABATEMENT ACTIVITIES)

Basis of Inspection: TRU0968MN02

FEE EXEMPT: Yes

1. \$0.00

FL	SF	LF
cool	7,000	0
tr	0	0
	7,600	0
upro	500	0

START DATE: 6/27/02 COMPLETION DATE: 7/27/02

I. FACILITY

ADDRESS: 33 LIBERTY STREET BORO: MANHATTAN ZIP: 10005
TYPE OFFACILITY: BLOCK: 66 LOT: 1

II. BUILDING OWNER

NAME: FEDERAL RESERVE BANK
TEL. #: ADDRESS: 33 LIBERTY STREET CITY: NEW YORK STATE: NY ZIP: 10045

IV. ASBESTOS ABATEMENT CONTRACTOR

NAME: TRIO ASBESTOS REMOVAL CORPORATION
TEL. #: (718) 961-4100 FEDERAL EMPLOYER IDENTIFICATION #: PII
ADDRESS: 14-20 129TH STREET CITY: COLLEGE POINT STATE: NJ ZIP: 11356

V. THIRD PARTY AIR MONITOR

NAME: WARREN & PANZER ENGINEERS, P.C.
TEL. #: (212) 922-0077
ADDRESS: 228 EAST 45TH STREET CITY: NEW YORK STATE: NY ZIP: 10017

VI. LABORATORY FOR SAMPLE ANALYSIS

NAME: WKP LABORATORIES C/O WARREN & PANZER E
NYS ELAP #: 11251

ASBESTOS WORK SCHEDULE ☒ DAY ☐ EVENING ☒ NIGHT ☒ WEEKENDS ☒ WEEKDAYS

INSPECTOR NAME: R. Ramonohan SQUAD #: 1 BADGE #: A078

DATE OF INSPECTION: 7/17/02 TIME OF INSPECTION: From: 8 am AM PM

To: 5 PM AM PM

Contact at site: Jan Wolkowicz supervisor / Dipu Slemo, Project Monitor.

Inspection disclosed that the following sections were complied with: (Check all that apply)

- | | | |
|---|--|---|
| ☐ 1-51 - Notifications, Reports, Pla | ☐ 1-71 - Air Sampling and Monitorin | ☐ 1-91 - Worker Protection |
| ☐ 1-101 - Materials and Equipment | ☐ 1-116 - Work Place Preparation | ☐ 1-117 - Worker Decontamination System |
| ☐ 1-118 - Waste Decontamination System | ☐ 1-126 - Engineering Controls | ☐ 1-127 - Entry/Exit Procedures |
| ☐ 1-129 - Maintenance of Barriers | ☐ 1-138 - Encapsulation | ☐ 1-139 - Enclosure |
| ☐ 1-140 - Glovebag | ☐ 1-141 - Tent | ☐ 1-137 - ACM Disturbance, RemoveL, Handling |
| ☐ 1-146 - Preliminary Clean-up | ☐ 1-147 - Final Clean-up | |

Project not started

Inspection

revealed all ACM to be intact. New start date: / /

☒ Project ongoing, expected completion date: / /☐ Project completed on or about / / All surfaces, including abated surfaces are free of visible ACM and encapsulat☐ Follow up necessary on / /Samples taken: ☒ No ☐ Yes 1 2 34 5 6 Photos taken: ☐ Yes ☒ No

Additional comments: Supervisor and six handlers started to wash gravel and filtered the water. John Burns of Federal Reserve was on site. Air monitoring was performed at all entrances to cooling tower area and at decon entrance.

BORO 1 = MANHATTAN 2 = BRONX 3 = BROOKLYN 4 = QUEENS 5 = STATEN ISLAND

RESULT CODES 1 = VIOLATION ISSUED 2 = NO VIOLATION ISSUED 3 = NO ACCESS
4 = PROJECT NOT STARTED (NO NOV) 5 = PROJECT COMPLETED (NO NOV)

RESULT CODE

2

SUPERVISOR INITIALS

PFP

NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION

TOTAL FEET: 15100 0

ASBESTOS INSPECTION REPORT Basis of Inspection:

ONLY TYPEWRITTEN
APPLICATIONS WILL BE
ACCEPTED

TRU0968MN02

FLU	CHSE	PLU	FLU
cool	7,000		0
tr	0		0
	7,600		0
upro	500		0

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED
TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE
OF START OF THE WORK (ABATEMENT ACTIVITIES)FEE EXEMPT: Yes
1. \$0.00

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TEL. #: (718) 961-4100 FEDERAL EMPLOYER IDENTIFICATION #: PII
ADDRESS: 14-20 129TH STREET CITY: COLLEGE POINT STATE: JN ZIP: 11356

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NAME: WARREN & PANZER ENGINEERS, P.C.
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ADDRESS: 228 EAST 45TH STREET CITY: NEW YORK STATE: NY ZIP: 10017

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INSPECTOR NAME: R. Ramonmohan SQUAD #: 1 BADGE #: A078

DATE OF INSPECTION: 7/18/02 TIME OF INSPECTION: From: 8am AM PM

Contact at site: Jan Wolkowicz, Supervisor / Dipa Elmo, Project monitor.
To: 6pm. AM PM

Inspection disclosed that the following sections were complied with: (Check all that apply)

- | | | |
|---|--|---|
| ☐ 1-51 - Notifications, Reports, Pla | ☐ 1-71 - Air Sampling and Monitorin | ☐ 1-91 - Worker Protection |
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revealed all ACM to be intact. New start date: / /

☒ Project ongoing, expected completion date: / /☐ Project completed on or about / / All surfaces, including abated surfaces are free of visible ACM and encapsulat☐ Follow up necessary on / /Samples taken: ☒ No ☐ Yes 1 2 3
4 5 6 Photos taken: ☐ Yes ☒ No

Additional comments: Steve Parmagiani, Project Manager of Trio decided to bag all the gravel instead of washing. Permission was granted by John Burns of Federal Reserve. Crew started to bag the gravel and wash the asphalt roof. The damage and elevated roof with spot cleanings completed. The waste bags were moved to the court yard area and covered with plastic. The roof area was deemed clean after a visual inspection by me and the project monitor. Bag out was scheduled for Friday evening.

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RESULT CODE
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SUPERVISOR INITIALS

**NYC DEPARTMENT OF ENVIRONMENTAL PROTECTION
ASBESTOS INSPECTION REPORT**

TOTAL FEET: 15100 0

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APPLICATIONS WILL BE
ACCEPTED

NOTE: ASBESTOS INSPECTION REPORT SHALL BE SUBMITTED
TO NYC DEP NOT LESS THAN ONE WEEK IN ADVANCE
OF START OF THE WORK (ABATEMENT ACTIVITIES)

Basis of Inspection: **TRU0968MN02**

FEE EXEMPT: Yes

1. \$0.00

FL	SF	UP
cool	7,000	0
tr	0	0
	7,600	0
upro	500	0

START DATE: 6/27/02 COMPLETION DATE: 7/27/02

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NYS ELAP #: 11251

ASBESTOS WORK SCHEDULE ☒ DAY ☐ EVENING ☒ NIGHT ☒ WEEKENDS ☒ WEEKDAYSINSPECTOR NAME: *R. Rammohan* SQUAD #: *1* BADGE #: *A078*DATE OF INSPECTION: *7/19/02* TIME OF INSPECTION: From: *5⁰⁰ pm* AM PMTo: *11³⁰ pm* AM PMContact at site: *Jan Wolkowicz, Supervisor (Dipo Elemo, project monitor.*

Inspection disclosed that the following sections were complied with: (Check all that apply)

- | | | |
|---|--|---|
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☐ Project not started☐ revealed all ACM to be intact. New start date: / /☐ Project ongoing, expected completion date: / /☒ Project completed on or about *7/19/02*. All surfaces, including abated surfaces are free of visible ACM and encapsulat☐ Follow up necessary on / /

Samples taken: ☒ No ☐ Yes 1 2 3
4 5 6 Photos taken: ☐ Yes ☒ No

Additional comments: *7 crew came on site at 5 pm (7 Handlers). Plastic was installed at loading dock ramp & Air sampling pumps were set up. Crew began to bag out from roof court yard. Three sampling pumps were setup on roof level and two pumps at loading dock. The stair case was plasticized and the waste bags were brought to 14th floor and to the freight elevator using plastic lined roll on containers to the loading dock. Truck to pick up waste bags came at 8:45 pm and crew loaded bags in to truck and loading completed at 9:35 pm. Equipment loaded in to two truck and crew departed from premise at 11³⁰ pm. John Burne of Federal Reserve was on site.*

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RESULT CODE

5

SUPERVISOR INITIALS

JR

New York Lab

307 West 38th Street, New York, NY 10018

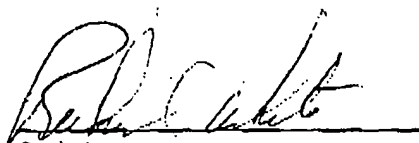
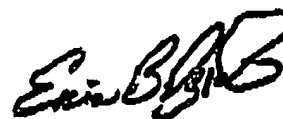
Phone: 212-290-0051 Fax: 212-290-0058 Email:

EMSLAttn: Law Engineering and Environmental Svcs.
8940 A Route 108
Columbia, MD 21045Fax: Phone:
Project:Customer ID: LAWE52V
Customer PO:
Received: 10/28/01 1:30 PM
EMSL Order: 030107094
EMSL Project ID:

Analysis Date: 10/28/2001

**Asbestos Fiber Analysis by Transmission Electron Microscopy (TEM) Performed by
EPA 40 CFR Part 763 Final Rule (AHERA)**

Sample	Volume	Area Analyzed	Non Asb	Asbestos Type(s)	# Structure 0.5µ - 5µ	Analytical Sensitivity (S/cc)	Asbestos Concentration (S/mm ²) (S/cc)	Notes
95M-20 030107094-0001	1920.00	0.0500		None Detected		0.0040	<20.00 <0.0040	
95M-21 030107094-0002	1860.00	0.0500		None Detected		0.0041	<20.00 <0.0041	
95M-22 030107094-0003	1810.00	0.0500		None Detected		0.0043	<20.00 <0.0043	
95M-23 030107094-0004	1780.00	0.0500		None Detected		0.0043	<20.00 <0.0043	


AnalystLaboratory Manager
or other approved signatory

Disclaimer: The laboratory is not responsible for data reported in structures/cc, which is dependent on volume collected by non-laboratory personnel. This lab is only responsible for data reported in structures/min². This report may not be reproduced, except in full, without written approval by EMSL. This report must not be used to claim product endorsement by NVLAP or any agency of the U.S. Government. This report relates only to the samples reported above. Quality control data (including 95% confidence limits and laboratory and analysts' accuracy and precision) is available upon request.

Accredited for NVLAP PLM/TEM #101048-9, NY State ELAP #11508

TMAHERA-1

1

10/28/2001 23:52 212-290-0058

EMSL MANHATTAN

PAGE 05

2501 Central Parkway, Suite C-13, Houston, TX 77092

(713) 686-3635

http://www.emsl.com

EMSL ANALYTICAL, Inc.

CHAIN OF CUSTODY

EMSL Rep: Joe Frasca

Third Party Billing requires written authorization from third party

Your Name: Mr. Rick Leone

EMSL-Bill to:

Company: Law Engineering & Environmental Services, Inc.

Same

Street: 7347 West Friendly Ave.

Street:

Box #:

Box #:

City/State: Greensboro, NC Zip 27410

City/State:

Zip

Phone Results to: Mr. Rick LeoneFax Results to: Mr. Rick Leone

Name:

Name:

Telephone #: 336-294-4221

Fax #:

336-294-4227

Project Name/Number:

Purchase Order #:

TURNAROUND TIME

☐ 3 Hours
 ☐ 6 Hours
 ☒ 12 Hours
 ☐ 24 Hours
 ☐ 48 Hours
 ☐ 72 Hours
 ☐ 4 Days
 ☐ 5 Days
 ☐ 6-10 Days

SAMPLE MATRIX

☐ Air
 ☐ Bulk
 ☐ Soil
 ☐ Wipe
 ☐ Micro-Vac
 ☐ Drinking Water
 ☐ Wastewater
 ☐ Chips
 ☐ Other

ASBESTOS ANALYSIS

PCM - Air

- ☐ NIOSH 7400 (A) Issue 2: August 1994
☐ OSHA w/TWA

TEM AIR

- ☒ AHERA 40 CFR Part 763 Subpart E
☐ NIOSH 7402 Issue 2
☐ EPA Level II

PLM - Bulk

- ☐ EPA 600/R-93/116
☐ NY Stratified Point Count
☐ California Air Resource Board (CARB) 435
☐ NIOSH 9002

- ☐ PLM NOB (Gravimetric) NYS 198.1

- ☐ EPA Point Count (400 Points)
☐ EPA Point Count (1,000 Points)
☐ Standard Addition Point Count

SOILS

- ☐ EPA Protocol Qualitative
☐ EPA Protocol Quantitative
☐ EMSL MSD 9000 Method fibers/gram
☐ Superfund EPA 540-R097-028 (dust generation)

TEM BULK

- ☐ Drop Mount (Qualitative)
☐ Chatfield SOP-1988-02
☐ TEM NOB (Gravimetric) NY 198.4

TEM MICROVAC

- ☐ ASTM D 5735-95 (Quantitative)

TEM WIPE

- ☐ ASTM D-6450-99
☐ Qualitative

TEM WATER

- ☐ EPA 100.1
☐ EPA 100.2
☐ NYS 198.2

OTHER

LEAD ANALYSIS

Flame Atomic Absorption

- ☐ Wipe, SW846-7420 ☐ ASTM ☐ non ASTM
☐ Soil, SW846-7420
☐ Air, NIOSH 7082
☐ Chips, SW846-7420 or AOAC 5.009 (974.02)
☐ Wastewater, SW 846-7420

- ☐ TCLP LEAD SW846-1311/7420

Graphite Furnace Atomic Absorption

- ☐ Air, NIOSH 7105
☐ Wastewater, SW846-7421
☐ Soil, SW846-7421
☐ Drinking Water, EPA 239.2

ICP - Inductively Coupled Plasma

- ☐ Wipe, SW846-6010 ☐ ASTM ☐ non ASTM
☐ Soil, SW846-6010
☐ Air, NIOSH 7300

MATERIALS ANALYSIS

- ☐ Full Particle Identification
☐ Optical Particle Identification
☐ Dust Mites and Insect Fragments
☐ Particle Size & Distribution
☐ Product Comparison
☐ Paint Characterization
☐ Failure Analysis
☐ Corrosion Analysis
☐ Glove Box Containment Study
☐ Petrographic Examination of Concrete
☐ Portland Cement in Workplace Atmospheres (OSHA ID-143)
☐ Man Made Vitreous Fibers - MMVF's
☐ Synthetic Fiber Identification
☐ Other:

MICROBIAL ANALYSIS

Air Samples

- ☐ Mold & Fungi by Air O Cell
☐ Mold & Fungi by Agar Plate count & id
☐ Bacterial Count and Gram Stain
☐ Bacterial Count and Identification

Water Samples

- ☐ Total Coliforms, Fecal Coliforms
☐ Escherichia Coli, Fecal Streptococcus
☐ Legionella
☐ Salmonella
☐ Giardia and Cryptosporidium

Wipe and Bulk Samples

- ☐ Mold & Fungi - Direct Examination
☐ Mold & Fungi - (Culture follow up to direct examination if necessary)
☐ Mold & Fungi - Culture (Count & ID)
☐ Mold & Fungi - Culture (Count only)
☐ Bacterial Count & Gram Stain
☐ Bacterial Count & Identification (3 most prominent types)
☐ Other:

IAQ ANALYSIS

- ☐ Nuisance Dust (NIOSH 0500 & 0600)
☐ Airborne Dust (PM10, TSP)
☐ Silica Analysis by XRD ☐ NIOSH 7500
☐ HVAC Efficiency
☐ Carbon Black
☐ Airborne Oil Mist
☐ Other:

Client Sample # (S) 95M-20, 95M-21, 95M-22 - 95M-23TOTAL SAMPLE # 4

Relinquished:

Date:

Time:

Received:

Date:

Time:

Relinquished:

Date:

Time:

Received:

Date:

Time:

Page 1 of 2

OCT 28 2001 23:11

212 290 0058

PAGE.05

NYC-WTC_000093367

Relinquished: _____ Date: _____ Time: _____
 Received: _____ Date: _____ Time: _____
 Relinquished: _____ Date: _____ Time: _____
 Received: _____ Date: _____ Time: _____



2501 Central Parkway, Suite C-13, Houston, TX 77092

(713) 686-3635

http://www.emsl.com

EMSL ANALYTICAL, Inc.

CHAIN OF CUSTODY

EMSL Rep: Joe Frasca

Third Party Billing requires written authorization from third party

Your Name: Mr. Rick Leone
Company: Law Engineering & Environmental Services, Inc.

EMSL-Bill to:

Same

Street: 7347 West Friendly Ave.

Street:

Box #:

Box #:

City/State: Greensboro, NC Zip 27410

City/State:

Zip

Phone Results to: Mr. Rick LeoneFax Results to: Mr. Rick Leone

Name:

Name:

Telephone #: 336-294-4221Fax #: 336-294-4227

Project Name/Number:

Purchase Order #:

TURNAROUND TIME

☐ 3 Hours
 ☐ 6 Hours
 ☒ 12 Hours
 ☐ 24 Hours
 ☐ 48 Hours
 ☐ 72 Hours
 ☐ 4 Days
 ☐ 5 Days
 ☐ 6-10 Days

SAMPLE MATRIX

☐ Air
 ☐ Bulk
 ☐ Soil
 ☐ Wipe
 ☐ Micro-Vac
 ☐ Drinking Water
 ☐ Wastewater
 ☐ Chips
 ☐ Other

ASBESTOS ANALYSIS

PCM - Air

- ☐ NIOSH 7400 (A) Issue 2: August 1994
☐ OSHA w/TWA

TEM AIR

- ☒ AHERA 40 CFR, Part 763 Subpart E
☐ NIOSH 7402 Issue 2

PLM - Bulk

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☐ PLM NOB (Gravimetric) NYS 198.1
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☐ EPA Point Count (1,000 Points)
☐ Standard Addition Point Count

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☐ EMSL MSD 9000 Method fibers/gram
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TEM BULK

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☐ Chatfield SOP-1988-02
☐ TEM NOB (Gravimetric) NY 198.4

TEM MICROVAC

- ☐ ASTM D 5755-95 (Quantitative)

TEM WIPE

- ☐ ASTM D-6480-99
☐ Qualitative

TEM WATER

- ☐ EPA 100.1
☐ EPA 100.2
☐ NYS 198.2

OTHER:

LEAD ANALYSIS

Flame Atomic Absorption

- ☐ Wipe, SW846-7420 ☐ ASTM ☐ non ASTM
☐ Soil, SW846-7420
☐ Air, NIOSH 7082
☐ Chips, SW846-7420 or AOAC 5.009 (974.02)
☐ Wastewater, SW 846-7420
☐ TCLP LEAD SW846-1311/7420

Graphite Furnace Atomic Absorption

- ☐ Air, NIOSH 7105
☐ Wastewater, SW846-7421
☐ Soil, SW846-7421
☐ Drinking Water, EPA 239.2

ICP - Inductively Coupled Plasma

- ☐ Wipe, SW846-6010 ☐ ASTM ☐ non ASTM
☐ Soil, SW846-6010
☐ Air, NIOSH 7300

MATERIALS ANALYSIS

- ☐ Full Particle Identification
☐ Optical Particle Identification
☐ Dust Mites and Insect Fragments
☐ Particle Size & Distribution
☐ Product Comparison
☐ Paint Characterization
☐ Failure Analysis
☐ Corrosion Analysis
☐ Glove Box Containment Study
☐ Petrographic Examination of Concrete
☐ Portland Cement in Workplace Atmospheres (OSHA ID-143)
☐ Man Made Vitreous Fibers - MMVF's
☐ Synthetic Fiber Identification
☐ Other:

MICROBIAL ANALYSIS

Air Samples

- ☐ Mold & Fungi by Air O Cell
☐ Mold & Fungi by Agar Plate count & id
☐ Bacterial Count and Gram Stain
☐ Bacterial Count and Identification

Water Samples

- ☐ Total Coliforms, Fecal Coliforms
☐ Escherichia Coli, Fecal Streptococcus
☐ Legionella
☐ Salmonella
☐ Giardia and Cryptosporidium

Wipe and Bulk Samples

- ☐ Mold & Fungi - Direct Examination
☐ Mold & Fungi - (Culture follow up to direct examination if necessary)
☐ Mold & Fungi - Culture (Count & ID)
☐ Mold & Fungi - Culture (Count only)
☐ Bacterial Count & Gram Stain
☐ Bacterial Count & Identification (3 most prominent types)
☐ Other:

IAQ ANALYSIS

- ☐ Nuisance Dust (NIOSH 0500 & 0600)
☐ Airborne Dust (PM10, TSP)
☐ Silica Analysis by XRD ☐ Niosh 7500
☐ HVAC Efficiency
☐ Carbon Black
☐ Airborne Oil Mist
☐ Other:

Client Sample # (S) 95M-20 95M-21, 95M-22 - 95M-23

TOTAL SAMPLE #

4

Relinquished:

Date:

Time:

Received:

Date:

Time:

Relinquished:

Date:

Time:

Received:

Date:

Time:

Page 1 of 2

NOV-01-01 THU 09:18 AM LAW ENGINEERING

FAX NO. 3362944227

P. 02

10/31/2001 16:27 856-858-4571

EMSL CHEMISTRY

PAGE 01/15

212-635-4896

Asbestos • Lead • Environmental • Materials & Indoor Air Analysis

EMSL

EMSL Analytical

<http://www.emsl.com>

3 Cooper St.
Westmont, NJ 08108
Phone: (856) 858-4800
Fax: (856) 858-4571

Attention: Rick Lecno
Law Engineering
7347-F West Friendly Avenue
Greensboro, NC 27410
Phone 336-294-4221
Fax: 336-294-4227

10/31/2001

The following report covers the analysis performed on samples submitted to EMSL Analytical on 10/30/2001. The results are tabulated on the attached data pages for the following client designated project:

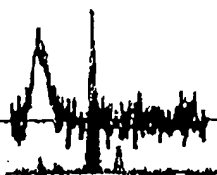
Project ID: Federal Reserve NY 95 Maiden

The reference number for these samples is EMSL Order #010102572. Please use this reference when calling about these samples.

If you have any questions, please do not hesitate to contact me at (856) 358-4800.

Reviewed and Approved By:

Gerold J. Miller, Ph.D.
Laboratory Manager
NJ Certification: 04653



NOV 01 2001 09:29

3362944227

PAGE.02

10/31/2001 16:27 856-858-4571

EMSL CHEMISTRY

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EMSL Analytical

3 Cooper St., Westmont, NJ 08105

Attn: Rick Legge
Law Engineering
7547-F West Friendly Avenue
Greensboro, NC 27410
Fax: (336) 294-4227

Phone: 336-294-4221

Customer ID: LAWE52F

Customer PO:

Received: 10/30/01 12:42 PM

EMSL Order: 010102572

EMSL Project ID: Federal Reserve NY 95 Malden

Client Sample Description 05M-C1
7th Fl West

Lab ID: 0001

EMSL

Test	Method	Parameter	Concentration Units	Notes
PCS	5503	Aroclor - 1016	See Attached µg	
PCB	5503	Aroclor - 1221	See Attached µg	
PCB	5503	Aroclor - 1232	See Attached µg	
PCB	5503	Aroclor - 1242	See Attached µg	
PCB	5503	Aroclor - 1248	See Attached µg	
PCB	5503	Aroclor - 1254	See Attached µg	
PCB	5503	Aroclor - 1260	See Attached µg	

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FAX NO. 3362944227

P. 04

10/31/2001 19:27 856-853-4571

EMSL CHEMISTRY

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1D
PCB ANALYSIS DATA SHEET

CLIENT SAMPLE ID.

Lab Name: EMSL ANALYTICAL Contract: 95M-01

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: (soil/water) AIR Lab Sample ID: 2572-1

Sample wt/vol: 1g (g/mL) L Lab File ID: H390008

% Moisture N/A decanted: (Y/N) N Data Received:

Extraction: (Soxh/ContSonic) DESORB Date Extracted: 10/30/01

Concentrated Extract Volume 10 (ml) Date Analyzed: 10/30/01

Injection Volume: 1 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

GAS NO.	COMPOUND	mg/m3	Q
12874-11-2	Aroclor-1016	0.026	U
11104-28-2	Aroclor-1221	0.026	U
11141-18-5	Aroclor-1232	0.026	U
53483-21-9	Aroclor-1242	0.026	U
12672-29-6	Aroclor-1248	0.026	U
11097-69-1	Aroclor-1254	0.026	U
11096-32-5	Aroclor-1260	0.026	U

U= Not detected

FORM I PEST

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Form I-01

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FAX NO. 3362944227

P. 05

10/31/2001 18:27 656-858-4571

EMSL CHEMISTRY

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EMSL Analytical

3 Cooper St., Westmont, NJ 08108

Attn: Rick Lopez
Law Engineering
734/F West Friendly Avenue
Greensboro, NC 27410

Fax: (336) 294-4227

Phone: 336-294-4221

Customer ID: LAWE52F

Customer PO:

Received: 10/30/01 12:42 PM

EMSL Order: 010102572

EMSL Project ID: Federal Reserve NY 95 Malden

EMSL

Client Sample Description 55M-02
7th Fl Elevator Lobby

Lab ID: 0002

Test	Method	Parameter	Concentration	Units	Notes
PCB	5503	Aroclor - 1016	See Attached	µg	
PCB	5503	Aroclor - 1221	See Attached	µg	
PCB	5503	Aroclor - 1232	See Attached	µg	
PCB	5503	Aroclor - 1242	See Attached	µg	
PCB	5503	Aroclor - 1248	See Attached	µg	
PCB	5503	Aroclor - 1254	See Attached	µg	
PCB	5503	Aroclor - 1260	See Attached	µg	

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EMSL CHEMISTRY

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10
PCB ANALYSIS DATA SHEET

CLIENT SAMPLE ID.

Lab Name: EMSL ANALYTICAL Contract: 95M-02
 Lab Code: _____ Case No.: _____ SAS No.: _____ SDG No.: _____
 Matrix: (soil/water) AIR Lab Sample ID: 2572-2
 Sample wt/vol: 19 (g/mL) L Lab File ID: H390009
 % Moisture N/A decanted: (Y/N) N Date Received: _____
 Extraction: (Sept/Cond/Sonic) DESORB Date Extracted: 10/30/01
 Concentrated Extract Volume 10 (ml) Date Analyzed: 10/30/01
 Injection Volume: 1 (uL) Dilution Factor: 1
 GPC Cleanup: (Y/N) N pH: _____ Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	mg/m3	Q
12674-11-2	Aroclor-1016	0.027	U
11104-28-2	Aroclor-1221	0.027	U
11141-18-5	Aroclor-1232	0.027	U
53469-21-9	Aroclor-1242	0.027	U
12672-29-6	Aroclor-1248	0.027	U
11097-89-1	Aroclor-1254	0.027	U
11096-82-5	Aroclor-1260	0.027	U

U= Not detected

FORM I PEST

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FAX NO. 3362944227

P. 07

10/31/2001 10:27 656-658-4571

EMSL CHEMISTRY

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EMSL Analytical

3 Cooper St., Westmont, NJ 08108

Attn: Nick Leone
Law Engineering
7347-F West Friendly Avenue
Greensboro, NC 27410

Fax: (336) 294-4227

Phone: 336-294-4221

Customer ID: LAWE52F

Customer PO:

Received: 10/30/01 12:42 PM

EMSL Order: 010102572

EMSL Project ID: Federal Reserve NY 95 Maiden

Client Sample Description 95M-03
2nd Fl Lounge Admin.

Lab ID: 0003



Test	Method	Parameter	Concentration	Units	Notes
PCB	5503	Aroclor - 1016	See Attached	µg	
PCB	5503	Aroclor - 1221	See Attached	µg	
PCB	5503	Aroclor - 1232	See Attached	µg	
PCB	5503	Aroclor - 1242	See Attached	µg	
PCB	5503	Aroclor - 1248	See Attached	µg	
PCB	5503	Aroclor - 1254	See Attached	µg	
PCB	5503	Aroclor - 1260	See Attached	µg	

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10/31/2001 10:27 956-650-4571

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EMSL CHEMISTRY

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PCB ANALYSIS DATA SHEET

CLIENT SAMPLE ID.

Lab Name: EMSL ANALYTICAL Contract: 95M-03
Lab Code: Case No.: SAS No.: SDG No.:
Matrix: (soil/water) AIR Lab Sample ID: 2572-3
Sample wt/vol: 10 (g/mL) L Lab File ID: H390010
% Moisture N/A decanted: (Y/N) N Date Received:
Extraction: (Gpc/Cont/Sonic) DESORB Date Extracted: 10/30/01
Concentrated Extract Volume 10 (ml) Date Analyzed: 10/30/01
Injection Volume: 1 (uL) Dilution Factor: 1
GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	mg/in3	Q
12674-11-2	Aroclor-1016	0.026	U
11104-28-2	Aroclor-1221	0.026	U
11141-16-5	Aroclor-1232	0.026	U
53469-21-9	Aroclor-1242	0.026	U
12672-29-6	Aroclor-1248	0.026	U
11097-89-1	Aroclor-1254	0.026	U
11096-82-5	Aroclor-1260	0.026	U

U= Not detected

FORM 1 PEST

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Printed:

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EMSL CHEMISTRY

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EMSL Analytical

3 Cooper St., Westmont, NJ 08108

Attn: Rick Leone
Law Engineering
7347-F West Friendly Avenue
Greensboro, NC 27410

Fax: (336) 294-4227

Phone: 336-294-4221

Customer ID: LAWES2F

Customer PO:

Received: 10/30/01 12:42 PM

EMSL Order: 010102572

EMSL Project ID: Federal Reserve NY 95 Malden

EMSL

Client Sample Description 35M-04
2nd FI SW collect

Lab ID: 0004

Test	Method	Parameter	Concentration	Units	Notes
PCB	5503	Aroclor - 1010	See Attached	µg	
PCB	5503	Aroclor - 1221	See Attached	µg	
PCB	5503	Aroclor - 1232	See Attached	µg	
PCB	5503	Aroclor - 1242	See Attached	µg	
PCB	5503	Aroclor - 1248	See Attached	µg	
PCB	5503	Aroclor - 1254	See Attached	µg	
PCB	5503	Aroclor - 1260	See Attached	µg	

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EMSL CHEMISTRY

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1D
PCR ANALYSIS DATA SHEET

CLIENT SAMPLE ID.

Lab Name: EMSL ANALYTICAL Contract: 95M-04

Lab Code: Case No.: SAS No.: SDG No.:

Matrix: (soil/water) AIR Lab Sample ID: 2672-4

Sample wt/vol: 20 (g/mL) L Lab File ID: H390011

% Moisture N/A dewatered: (Y/N) N Date Received:

Extraction: (Sep/Con/Sonic) DESCRB Date Extracted: 10/30/01

Concentrated Extract Volume 10 (ml) Date Analyzed: 10/31/01

Injection Volume: 1 (uL) Dilution Factor: 1

GPC Cleanup: (Y/N) N pH: Sulfur Cleanup: (Y/N) N

CONCENTRATION UNITS:

CAS NO.	COMPOUND	mg/m3	Q
12674-11-2	Aroclor-1016	0.025	U
11104-28-2	Aroclor-1221	0.025	U
11141-16-5	Aroclor-1232	0.025	U
53469-21-0	Aroclor-1242	0.025	U
12672-29-6	Aroclor-1248	0.025	U
11087-69-1	Aroclor-1254	0.025	U
11096-82-5	Aroclor-1260	0.025	U

U: Not detected

FORM I PEST

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EMSL CHEMISTRY

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EMSL Analytical

3 Cooper St., Westwood, NJ 08108

Attn: Rick Leone
Law Engineering
7347-F West Friendly Avenue
Greensboro, NC 27410

Fax: (336) 294-4227

Phone: 336-294-4221

Customer ID: LAW52F

Customer PO:

Received: 10/30/01 12:42 PM

EMSL Order: 010192572

EMSL Project ID: Federal Reserve NY 95 Maiden

Client Sample Description 95M-10
2nd Fl West

Lab ID: 0065

EMSL

Test	Method	Parameter	Concentration	Units	Notes
RCRA, Metals-Arsenic, Total	7300 Modified	Arsenic	<1.36	µg/m ³	
RCRA, Metals-Barium, Total	7300 Modified	Ba	<17.0	µg/m ³	
RCRA, Metals-Cadmium, Total	7300 Modified	Cadmium	<0.580	µg/m ³	
RCRA, Metals-Chromium, Total	7300 Modified	Cr	<1.70	µg/m ³	
RCRA, Metals-Lead, Total	7300 Modified	Lead	<1.70	µg/m ³	
RCRA, Metals-Selenium, Total	7300 Modified	Se	<3.40	µg/m ³	
RCRA, Metals-Silver, Total	7300 Modified	Ag	<1.70	µg/m ³	

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EMSL CHEMISTRY

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EMSL Analytical

3 Cooper St., Westmont, NJ 08106

Attn: Rick Leone
Law Engineering
7347-F West Friendly Avenue
Greensboro, NC 27410

Fax: (336) 264-4227

Phone: 336-294-4221

Customer ID: LAWE52F

Customer PO:

Received: 10/30/01 12:42 PM

EMSL Order: 010102572

EMSL Project ID: Federal Reserve NY 95 Malden

EMSL

Client Sample Description S5M-11
7th Fl Elevator Lobby

Lab ID: 0006

Test	Method	Parameter	Concentration	Units	Notes
RCRA, Metals-Arsenic, Total	7300 Modified	Arsenic	<1.40	µg/m ³	
RCRA, Metals-Barium, Total	7300 Modified	Ba	<17.5	µg/m ³	
RCRA, Metals-Cadmium, Total	7300 Modified	Cadmium	<0.702	µg/m ³	
RCRA, Metals-Chromium, Total	7300 Modified	Cr	<1.75	µg/m ³	
RCRA, Metals-Lead, Total	7300 Modified	Lead	<1.75	µg/m ³	
RCRA, Metals-Selenium, Total	7300 Modified	Se	<3.51	µg/m ³	
RCRA, Metals-Silver, Total	7300 Modified	Ag	<1.75	µg/m ³	

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10/31/2001 18:27 856-858-4571FAX NO. 3362944227
EMSL CHEMISTRYP. 13
PAGE 12/13**EMSL Analytical**

3 Cooper St., Westmont, NJ 08108

Attn: Nick Leone
Law Engineering
7347-F West Friendly Avenue
Greensboro, NC 27410

Fax: (336) 294-4227

Phone: 336-294-4221

Customer ID: LAW53F

Customer PO:

Received: 10/30/01 12:42 PM

EMSL Order: 010102572

EMSL Project ID: Federal Reserve NY 95 Maiden

EMSLClient Sample Description 95M-12
2nd Fl Lounge Admin.

Lab ID: 0007

Test	Method	Parameter	Concentration	Unit	Notes
RCRA, Metals-Arsenic, Total	7300 Modified	Arsenic	<1.40	µg/m ³	
RCRA, Metals-Barium, Total	7300 Modified	Ba	<17.5	µg/m ³	
RCRA, Metals-Cadmium, Total	7300 Modified	Cadmium	<0.702	µg/m ³	
RCRA, Metals-Chromium, Total	7300 Modified	Cr	<1.75	µg/m ³	
RCRA, Metals-Lead, Total	7300 Modified	Lead	<1.75	µg/m ³	
RCRA, Metals-Selenium, Total	7300 Modified	Se	<3.51	µg/m ³	
RCRA, Metals-Silver, Total	7300 Modified	Ag	<1.75	µg/m ³	

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FAX NO. 3362944227

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10/31/2001 18:27 855-853-4571

EMSL CHEMISTRY

PAGE 13/15

EMSL Analytical

3 Conner St., Westmont, NJ 08108

Attn: Rick Leone
Law Engineering
7347-F West Friendly Avenue
Greensboro, NC 27410

Fax: (336) 294-4227

Phone: 336-294-4221

Customer ID: LAWE52F

Customer PO:

Received: 10/30/01 12:42 PM

EMSL Order: 010102572

EMSL Project ID: Federal Reserve NY 95 Maiden

EMSL

Client Sample Description 95M-23
2nd Fl SW corner

Lab ID: 0008

Test	Method	Parameter	Concentration	Units	Notes
RCRA, Metals-Arsenic, Total	7300 Modified	Arsenic	<1.33	µg/m³	
RCRA, Metals-Barium, Total	7300 Modified	Ba	<15.7	µg/m³	
RCRA, Metals-Cadmium, Total	7300 Modified	Cadmium	<0.657	µg/m³	
RCRA, Metals-Chromium, Total	7300 Modified	Cr	2.24	µg/m³	
RCRA, Metals-Lead, Total	7300 Modified	Lead	<1.67	µg/m³	
RCRA, Metals-Selenium, Total	7300 Modified	Se	<3.33	µg/m³	
RCRA, Metals-Silver, Total	7300 Modified	Ag	<1.67	µg/m³	

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WTC Visual Survey Form

1001124

Premise Address: <u>95 Maiden Lane.</u>		
Block: <u>69</u>	Residential ☐ Commercial ☐ Mix Use ☐ Other ☐	Name of Building: <u>FEDERAL RESERVE ANNEX</u>
Lot: <u>18</u>	# of Stories: <u>8</u> AKA's: _____	
Building Owner/Management: <u>FEDERAL RESERVE BANK</u>		Telephone Number: (<u>212</u>) <u>720-5813</u>
Name: <u>Richard Prisco.</u>		FAX: ()
Address: _____		
On Site Contact: <u>Bldg. Engr.</u>		Telephone Number: ()
Name: <u>Carl Rose</u>		
Building Owner Management Activities		
Interior Survey Performed ☐ Yes ☐ No		
Exterior Survey Performed ☐ Yes ☐ No		
General Clean Up ☒ Yes ☐ No Locations: _____		
ACM Clean Up ☐ Yes ☐ No Locations: _____		
Air Monitoring ☒ Yes ☐ No Locations: _____		
Copies of All Reports and Data Requested ☐ Yes		

Visual Inspection Results:

Facade:					
North	☐ N/A	Inspected	☒ Yes ☐ No	Debris	☒ No Visible/Fine Layer
South	☐ N/A		☒ Yes ☐ No	☒ No Visible/Fine Layer	☐ 1/2 to 1" ☐ > 1"
East	☒ N/A		☐ Yes ☐ No	☐ No Visible/Fine Layer	☐ 1/2 to 1" ☐ > 1"
West	☒ N/A		☐ Yes ☐ No	☐ No Visible/Fine Layer	☐ 1/2 to 1" ☐ > 1"
Facade Description: _____					
Roof					
Debris: ☐ No Visible /Fine Layer ☒ 1/2 to 1" ☐ > 1"					
Description: <u>Gravel roof. Debris mixed with gravel</u>					
Setbacks <u>N/A</u> ☒					
Floor: <u>2nd.</u>		Debris: ☒ No Visible/Fine Layer	☒ 1/2 to 1"	☐ > 1"	
Floor: _____		Debris: ☐ No Visible/Fine Layer	☐ 1/2 to 1"	☐ > 1"	
Floor: _____		Debris: ☐ No Visible/Fine Layer	☐ 1/2 to 1"	☐ > 1"	
Floor: _____		Debris: ☐ No Visible/Fine Layer	☐ 1/2 to 1"	☐ > 1"	
Floor: _____		Debris: ☐ No Visible/Fine Layer	☐ 1/2 to 1"	☐ > 1"	
Comments					

Date: 2/19/2002

Inspection Team: Name: Mohan
Name: _____

Agency: DEP
Agency: _____

February 19, 2002



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

The Bldg. Mgr.
Building Owner Name: FEDERAL RESERVE ANNEX

Address: 33 Liberty Street
NY NY 10038

Subject: 95 MAIDEN LANE (Annex)

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 *Gravel mixed with WTC debris.*
- ☐ other, _____

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 27, 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
for **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

February 19, 2002

The Bldg. Manager.
Building Owner Name: Federal Reserve Annex

Address: 33 Liberty Street
NY NY 10038

Subject: 95 Maiden Lane (Annex)

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,


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



(718) DEP-HELP

Page: 1 Document Name: Extra

02/23/02 N.Y.C. DEPARTMENT OF BUILDINGS BISPIQ31
MULTI-AGENCY COMPOSITE PROPERTY & OWNER INFORMATION QUERY
95..... MAIDEN LANE..... 1 MANHATTAN 10038 BIN# 1001124
DCP GEOGRAPHICAL INFORMATION:
MAIDEN LANE 89 - 97 HEALTH AREA : 77 TAX BLK: 69...
GOLD STREET 2 - 8 CENSUS TRACT: 21004 TAX LOT: 18...
COMMUNITY BD: 101 CONDO :
MULTI STRUCT: 1 CUI NO :
DOF OWNER NAME & ADDRESS FROM BILLING FILE: DOF OWNER NAME FROM PROPERTY FILE
OWNER NAME : FED RESERVE BK NY FED RESERVE BK NY
CORP. NAME : LPC LANDMARK STATUS: NO
ADDRESS : 33 LIBERTY ST DOB LOCAL LAW STATUS: NO
NEW YORK NY 10045-1003
DOF BUILDING INFORMATION: TRANS LAND VALUE: 6,000,000
BLDG SIZE; 0100.42 X 0130.33 TAX EXEMPT FLAG : NO
LOT SIZE: 0100.42 X 0130.33 TAX EXEMPT CLASS:
BLDG CLASS : 09 OFFICE BUILDING CITY OWNERSHIP : NO
STORIES : 8 UPDATE DATE : 02/22/02
FOR CITY } MGMT TYPE: MGMT CODE: MGMT CODE NAME:
OWNERSHIP } MGMT HOLDER CODE: MGMT HOLDER CODE NAME:

PF1 =PREV PF2 =MAIN PF7 = NEW ADDRESS PF8 = NEW BLK/LOT PF9 = NEW BIN

Date: 2/23/ 2 Time: 12:32:03 PM

FEB-20-02 WED 03:25 PM LAW ENGINEERING

FAX NO. 3362944227

P. 02



December 5, 2001

Federal Reserve Bank of New York
Mr. John Burns
33 Liberty Street
New York, New York 10045

Subject: WTC Emergency Response Monitoring - Summary Letter
Federal Reserve Bank of New York
33 Liberty, 33 Maiden Lane and 95 Maiden Lane
New York, New York
LAW Project No. 30430-1-0610

Dear Mr. Burns:

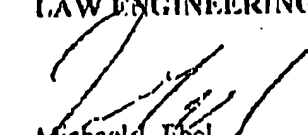
Law Engineering and Environmental Services, Inc. (LAW) performed indoor air quality sampling at the 33 Liberty, 33 Maiden Lane and 95 Maiden Lane buildings located in New York, New York. The sampling was in response to employee concerns that the smoke and or dust emitting from the WTC recovery site may be entering the buildings and affecting the occupants health. The services were based on a verbal agreement between LAW and The Bank of New York on October 26, 2001. Mr. Michael Ebel, Armando Alvarez, Chris Dubour and Woody Cooper of LAW performed the on-site services on October 27 and 28, 2001.

LAW collected levels of PCB's, Arsenic, Barium, Cadmium, Chromium, Lead, Selenium, Silver, Total Volatile Organic Compounds and Total Dust in various areas of the three buildings mentioned above. The Bank of New York determined monitoring locations. The levels found were below the recommended Occupational Safety and Health and National Institute of Occupational Safety and Health exposure limits.

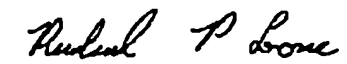
LAW appreciates the opportunity to be of service. If you have questions or if we may be of additional service, please call.

Sincerely,

LAW ENGINEERING AND ENVIRONMENTAL SERVICES, INC.



Michael J. Ebel
Project Manager



Richard P. Leone
Principal

Law Engineering and Environmental Services, P.C.
3 Corporate Plaza, Washington Ave. Ext. • Albany, NY 12203
518-852-2139 • Fax: 518-607-2110

FEDERAL RESERVE BANK OF NEW YORK

NEW YORK, N.Y. 10045-0001

AREA CODE 212-720-5000

June 17, 2002

R. Radhakrishnan, P.E.
NYCDEP-ACP
59-17 Junction Boulevard, 8th Floor
Corona, NY 11368-5643

Dear Sir or Madam:

Enclosed please find an executed copy of the License Agreement between the Federal Reserve Bank of New York and the New York City Department of Environmental Protection (DEP).

Upon review, please sign and return a fully executed copy of the Agreement to the Bank for our files.

Sincerely,


Richard L. Prisco
Real Estate and General
Services Officer

Enclosure

FEDERAL RESERVE BANK OF NEW YORK

NEW YORK, N.Y. 10045-0001

AREA CODE 212-720-5000

February 25, 2002 . . .

Mr. Radhakrishnan
City Of New York Department
of Environmental Protection
Asbestos Control Program
59-17 Junction Boulevard
Cornona, NY 11373-5108

Dear Mr. Radhakrishnan,

In response to the collapse of the World Trade Center on September 11, 2001, the Federal Reserve Bank of New York initiated a professional assessment of building contamination for possible hazardous components, including asbestos, in both 44 Maiden Lane and 95 Maiden Lane facilities. Bulk sample and air monitoring testing was performed by Law Engineering and Environmental Services prior to re-occupancy of the buildings and again on October 30, 2001 in response to concerns that smoke or dust emitting from the World Trade Center recovery site may be entering our facilities.

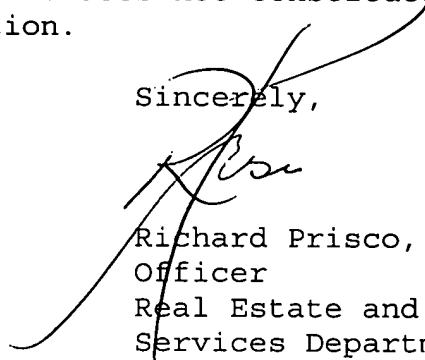
Law tested for levels of PCB's, arsenic, barium, cadmium, chromium, lead, selenium, silver, total volatile organic compounds, and total dust in various areas of our facilities. Copies of these test results are attached. The levels found were below the recommended Occupational Safety and Health Association and National Institute of Occupational Safety and Health exposure limits.

In addition to the above testing the Bank installed 1 inch fiber glass filters, 75% Honey comb gas absorbing charcoal filters, and 95% bag filters on all HVAC intake fan systems in both facilities to improve the overall air quality for building occupants. Both buildings were professionally cleaned, including the roof and all setbacks.

FEDERAL RESERVE BANK OF NEW YORK 2Mr. Radhakrishnan
February 25, 2002

In closing, please be advised that the Bank, as a federal instrumentality of the United States, is not subject to State and local regulation and is therefore not obligated to act in accordance with the DEP February 15, 2002 and February 19, 2002 inspections and respective letters. However, it has been the Bank's long-standing policy to comply voluntarily with the spirit of local law requirements that maximize the health and safety of our employees and the public. The important issues raised in the DEP letters certainly fall within the scope of local health and safety requirements that the Bank has historically complied with on a voluntary basis. The Bank will therefore continue to voluntarily address those issues noted in the DEP February 15, 2002 and February 19, 2002 inspections and respective letters, but wishes to simply document that, as a technical legal matter, the Bank's voluntary compliance does not constitute a submission by the Bank to DEP jurisdiction.

Sincerely,


Richard Prisco,
Officer
Real Estate and General
Services Department



**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

February 19, 2002

The Bldg. Mgr.
Building Owner Name: FEDERAL RESERVE ANNEX

Address: 33 Liberty Street
NY NY 10038

Subject: 95 MAIDEN LANE (Annex)

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 Gravel mixed with WTC debris.
- ☐ other, _____

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 27, 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
for **R. Radhakrishnan, P.E.**
Director
Asbestos Control Program



February 19, 2002



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

The Bldg. Manager.
 Building Owner Name: Federal Reserve Annex

Address: 33 Liberty Street
NY NY 10038

Subject: 95 Maiden Lane (Annex)

Dear Sir/ Madam:

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Sincerely,

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

