October 22, 2001

AIR MONITORING REPORT:

Gateway Plaza
Parking Garage
New York, New York

Prepared For:

Gateway Plaza Management Corporation
375 South End Avenue
New York, New York 10280

Prepared By:

ALC Environmental Inc.
115 West 30th Street, 11th Floor
New York, New York 10001

ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

Table of Contents

1 **Introduction**

2 **Scope of Work**
2.1 Air Sampling Procedures
2.2 Asbestos Analysis and Methodology

3. **Findings and Conclusions**

4 **Limitations and Exclusions**

5 **Report**
5.1 Laboratory Results

6 **Certifications**
1. Company License
2. Personnel Certification
3. Laboratory Certifications

1.0 Introduction

Gateway Plaza Management Corporation
375 South End Avenue
New York, New York 10280

Subject: **Air Sampling Results: The Parking Garage at Gateway Plaza Facility**

Gentlemen:

Please find enclosed the air monitoring report performed in *the parking garage* located at the Gateway Plaza Facility. Air sampling was conducted on October 21, 2001 via Transmission Electron Microscopy (TEM) analysis at the request of the owner.

ATC Associates (ELAP #10879) analyzed the samples using the Transmission Electron Microscopy (TEM) Methodology. **The results indicated that the areas achieved the acceptance criteria below <70 structures per mm2 set by the above regulations**. (Please See Attached TEM Report)

The air sampling and analysis were done utilizing applicable Federal, State and City Regulations pertaining to asbestos to include Federal OSHA (29 CFR 1926.58) EPA NESHAPS (40 CFR PART 61), AND TSCA TITLE II AHERA/ASHARA (40 CFR PART 763) Asbestos Regulations; the New York State Department of Labor Industrial Code Rule 56 and the New York City Department of Environmental Protection Title 15 Asbestos Regulations.

The air samples were collected by Alvin B. Blake (License #AH-89-07160) NY State Department of Labor Sampling Technician. Americo Rodriguez Jr. supervised all work at the facility and was the project manager for this job.

If you have any questions and/or comments please contact us directly at 212 279-1001.

Sincerely,

Joshua Sarett
ALC Environmental Inc.

2.0 Scope of Work

2.1 Air Sampling Procedures

ALC's licensed technician collected air samples using TEM Methodology. The technician collected five (5) air samples on each floor of the garage.

The air samples were collected using high volume air sampling pumps. Once the pumps were in place the air sampling technician recorded the location, time, date, sample numbers, pump number, flow rate, start and stop times and his initials.

The air cassette was independent of the pump motor. This is to prevent the vibrations of the motor from affecting the fibers in the cassette. A separate stand or tripod was used to hold the cassette in place. The cassette was angled 45 degrees downward from the horizontal stand. This is to insure that no asbestos will drop into the cassette while sampling.

Using a rotameter, we calibrated each pump to the required flow rate, noting this rate on the sample record. After calibrating the pumps, the end cap from the cassette was removed; the pump was turned on and run for the required amount of time.

The sampling pumps were checked periodically to ensure they were still operating, the cassettes were still in place, and no one has disturbed the equipment. If at any time the area being sampled was suspected of having high fiber counts, the filter inside the cassettes were examined for "overloading", or an excessive amount of fibers and/or debris on the filter.

When the pre-determined volume of air has been collected, the technician then calibrated the sampling pump again to determine the current flow rate. This rate will often be different from the flow rate measured at the beginning of the sampling period. That difference is usually due to the clogging of the filter, thereby adding increased resistance to the flow of air.

Once the pre-determined volume of air has been reached, the time was recorded as well as on the cassette. Before the pump was turned off, the cassette was angled upward and the cap replaced and the end plug. The cassettes were placed in sealed containers, labeled with an identifying code and a sample log was kept. The samples were then submitted to the laboratory to be analyzed for asbestos content. A chain of custody record was prepared and accompanied the samples to the laboratory.

2.2 Asbestos Analysis and Methodology

Each air sample is cross-referenced by field designation and lab internal code to ensure proper, consistent handling through a chain of custody. Sample preparation takes place within a HEPA Filter clean bench to avoid any possible contamination. Air sampling was conducted at a level approximating the breathing zone of persons anticipated to be present in the area during normal operations. Samples collected represent the typical airborne fiber concentration of the area.

3. Findings and Conclusions

Fifteen (15) air samples were collected and analyzed via TEM Methodology. **The results indicated that the areas achieved the acceptance criteria below <70 structures per mm2 set by the above regulations.**

4. Limitations and Exclusions

All the professional opinions presented in this report are based solely on the scope of work conducted and sources referred to in our report. The data presented by ALC in this report was collected and analyzed using generally accepted industry methods and practices at the time the report was generated. This report represents the conditions, locations, and materials that were observed at the time the fieldwork was conducted. No inferences regarding other conditions, locations, or materials, at a later or earlier time may be made based on the contents of the report. No other warranty, express or limited is made. ALC's liability and that of its contractors and subcontractors, arising from any services rendered hereunder, shall not exceed the total fee paid by the client to ALC for this project. This report was prepared for the sole use of our client. The use of this report by anyone other than our client or ALC is strictly prohibited without the expressed written consent of ALC. Portions of this report may not be used independent of the entire report.

5. Report

5.1 Laboratory Results

ATC ASSOCIATES INC.

104 East 25th Street
New York, New York 10010
www.atc-enviro.com
212.353.8280
Fax 212.353.8306

October 21, 2001

ALC Environmental
115 W. 30th Street
New York, NY 10001
Attn: Mr. Joshua Sarett

Re: Report of TEM Analysis

Dear Mr. Sarett:

Following are the results of transmission electron microscopy (TEM) analysis of air samples from our Group No. 5736.

Client: Gateway Plaza Mngt. Corp.
Project Name: Parking Garage, Gateway Plaza
Location: Various Sites
Samples received: 10/21/01

These results will confirm and document the data transmitted today to you. The analyses were performed in strict conformance with the methodology of the AHERA Final Rule (CFR October 30, 1987) for clearance of abatement sites. As indicated on the attached Summary Results sheet, no asbestos structures were detected in any of the fifteen samples submitted from the site.

Results reported as Struct/cc are a function of air volume collected in the field and are, as such, not verifiable by this laboratory. This report may be reproduced only in its entirety and not without prior permission of this laboratory. If the post-abatement inside samples pass, the response action may be considered to have been completed. The analyses were supervised by Dr. Michael A. Gorycki, Director of Electron Microscopy.

We are pleased to note that our TEM lab has received full accreditation from NVLAP, as is currently required for recognized analysis of TEM air samples for AHERA projects, and also approval under the NY State DOH ELAP program. These analyses were performed by ATC d/b/a ATC Associates Inc.

Please contact me regarding any questions relating to these materials.

Very truly yours,

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

ATC ENVIRONMENTAL, INC.
104 East 25th Street
New York, NY 10010

APPROVED NY STATE DOH ELAP # 10879
ACCREDITED NVLAP Lab Code # 1197

Summary of TEM Results

ALC Environmental
115 W 30th Street, 11th Fl
New York, NY 10001
Mr. Joshua Garrett

DATE 10/21/01

Project/Site Identification: Gateway Plaza Mgnt. Corp.
Parking Garage, Gateway Plaza

CONCLUSION:

STATISTICAL SUMMARY

1) Inside Samples

TEM#	Project #	Volume(l)	Asbestos Concentration S/mm^2	S/cc	nqm/m^3
		Average-	N/A	N/A	N/A

2) Outside Samples

TEM#	Project #	Volume(l)	Asbestos Concentration S/mm^2	S/cc	nqm/m^3
5736- 61910	1	1800	0.0	0.0048 *	
5736- 61911	2	1800	0.0	0.0048 *	
5736- 61912	3	1800	0.0	0.0048 *	
5736- 61913	4	1800	0.0	0.0048 *	
5736- 61914	5	1800	0.0	0.0048 *	
5736- 61915	6	1800	0.0	0.0048 *	
5736- 61916	7	1800	0.0	0.0048 *	
5736- 61917	8	1800	0.0	0.0048 *	
5736- 61918	9	1800	0.0	0.0048 *	
5736- 61919	10	1800	0.0	0.0048 *	
5736- 61920	11	1800	0.0	0.0048 *	
5736- 61921	12	1800	0.0	0.0048 *	
5736- 61922	13	1800	0.0	0.0048 *	
5736- 61923	14	1800	0.0	0.0048 *	
5736- 61924	15	1800	0.0	0.0048 *	
		Average-	0.0	0.0048	0

3) Blanks

TEM#	Project #	Asbestos Concentration S/mm^2	S/cc	nqm/m^3
5736- 61925	16	- - - - - - - - - -	Not Analyzed	- - - - - - - - -
5736- 61926	17	- - - - - - - - - -	Not Analyzed	- - - - - - - - -
	Average-	N/A	N/A	N/A

4) Value of T - Statistic : N/A

* None detected; concentration equivalent to analytical sensitivity assigned.

This test report relates only to the specific items cited in the analysis.
The analysis was carried out according to the approved TEM method. The laboratory is in compliance with the quality specified for the method.

This report must not be used by the client to claim product endorsement by NVLAP or any agency of the U.S. Government.

RP
Analyzed by:
Roman Peysakhov

Michael A. Gorycki, Ph.D.
Director of Electron Microscopy

~~5736~~ 5736 [illegible] Air Sampling Data Form

Client: GATEWAY PLAZA MANAGEMENT CORP Date: 10-21-01

Sampled By: A. BLAKE Rotometer #: 001 6910 Project #:

Work Area: PARKING GARAGE - GATEWAY PLAZA 61926 Cassette/Lot #

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results ~~(f/cc)~~
1	SOUTH WEST CRNR LOWER LEVEL (LEVEL 1)	4	2130	0030	180	10	10	1800		F/MM2 <22.3
2	NORTH WEST CORNER LOWER LEVEL	4	2135	0035	180	10	10	1800		<22.3
3	CENTER (LEVEL 1) LOWER LEVEL	4	2140	0040	180	10	10	1800		<22.3
4	SOUTH EAST CORNER LOWER LEVEL	4	2145	0045	180	10	10	1800		<22.3
5	NORTH EAST CRNR LOWER LEVEL	4	2150	0050	180	10	10	1800		<22.3
6	NORTH WEST CORNER 1ST FLR LEVEL	4	2200	0100	180	10	10	1800		<22.3
7	SOUTH WEST CORNER 1ST FLOOR LEVEL	4	2205	0105	180	10	10	1800		<22.3
8	CENTER (LEVEL 1) 1ST FLOOR LEVEL	4	2208	0108	180	10	10	1800		<22.3

Codes 1. Pre-Test 2. Project 3. Final (4) Investigative 5. Personal 6. Durings A. Aggressive D. Dormant I. Inside Work Area O. Outside Work Area B. Excursion T. TWA

Analysis: [X] TEM AHERA [ ] TEM Philadelphia [ ] PCM NIOSH 7400

Turnaround: [ ] ASAP [ ] 2 Day (48hr) [X] Same Day (12hr) [X] RUSH

Relinquished A. BLAKE Date/Time _____ Received AFC JD Date/Time 10/21/01 7:00pm

Analyst AFC-TEM By: RKY 10.21.01 1500 Disposal By/Date _____

ALL ENVIRONMENTAL INCORPORATED

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215 732 9499 • 888 789 8378 • Fax: 215 732 9559

The First Choice for Environmental Testing & Consulting

~~5836~~ 5736 Asbestos Air Sampling Data Form

Client: ~~GATE~~ GATEWAY PLAZA MANAGEMENT CORP Date: 10-21-01

Sampled By: A. BLAKE Rotometer #: Project #:

Work Area: PARKING GARAGE - GATEWAY PLAZA Cassette: TEFLON #

Sample # / Lab #	Sample Location	Code	Time Start	Time Stop	Total Minutes	Flow Rate Start	Flow Rate Stop	Total Volume	# Fibers /100 Fields	Results ~~f/cc~~ f/mm²
9	NORTH EAST CORNER 1ST FLOOR LEVEL	4	2212	0112	180	10	10	1800		<22.3
10	SOUTHEAST CORNER 1ST FLOOR LEVEL	4	2216	0116	180	10	10	1800		<22.3
11	SOUTHWEST CORNER 2ND FLOOR LEVEL	4	2220	0120	180	10	10	1800		<22.3
12	NORTHWEST CORNER 2ND FLOOR LEVEL	4	2225	0125	180	10	10	1800		<22.3
13	CENTER (LEVEL #3) 2ND FLOOR LEVEL	4	2230	0130	180	10	10	1800		<22.3
14	SOUTH EAST CORNER 2ND FLOOR LEVEL	4	2235	0135	180	10	10	1800		<22.3
15	NORTH EAST CORNER 2ND FLOOR LEVEL	4	2240	0140	180	10	10	1800		<22.3
16	BLANK									
17	BLANK									

Codes: 1. Pre-Test 2. Project 3. Final (4) Investigative 5. Personal 6. Durings A. Aggressive D. Dormant I. Inside Work Area O. Outside Work Area B. Excursion T. TWA

Analysis: ☒ TEM AHERA ☐ TEM Philadelphia ☐ PCM NIOSH 7400

Turnaround: ☐ ASAP ☐ 2 Day (48hr) ☒ Same Day (12hr) ☐ RUSH

Relinquished A. BLAKE Date/Time Received ATC JD Date/Time 10/21/01 7am

Analylist ATC-TEM By RRy 10.21.01 1400 Disposal By/Date

115 West 30th Street • 11th Floor • New York, New York 10001 • 212.279.1001 • 888.466.3620 • Fax: 212.279.6747

Home Office: The Bellevue • Suite 600 • 200 S. Broad Street • Philadelphia, PA 19102 • 215 732 9499 • 888 789.8378 • Fax 215 732 9559

ALI ENVIRONMENTAL INCORPORATED

The First Choice for Environmental Testing & Consulting

6. Certifications

6.1Company License

DIVISION OF SAFETY AND HEALTH
License and Certificate Unit
BUILDING 12, Room 161
STATE CAMPUS
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

RESTRICTED LICENSE - NO ASBESTOS REMOVAL PERMITTED

LICENSE NUMBER: 00-0358
DATE OF ISSUE: 04/27/01
EXPIRATION DATE: 04/30/02

Contractor: Leadbusters Inc. T/A ALC Environmental

Address: 115 West 30th Street
Rm 1106
New York, NY 10001

Duly Authorized Representative: Joshua Sarett

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.

Richard Cucolo, Director
FOR THE COMMISSIONER OF LABOR

SH 432 (10-00)

6.2 Personnel Certifications

DOSH-442 (01/91)

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C - SAMPLING TECHNICIAN (04/02)
H - PROJECT MONITOR (04/02)

PII

RICHARD CUCOLO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ASBESTOS PROJECTS

[redacted] CERTIFICATE NUMBER

PII

NYS Department of Labor
DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

180069C

MUST BE CARRIED ON ASBESTOS PROJECTS

CERTIFICATE NUMBER

PII

DOSH - License and Certificate Unit
PO Box 687, New York, NY 10014-0687

176814C

STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASS
C - SAMPLING TECHNICIAN (07/02)

PII

RICHARD CUCOLO, Director - For the Commissioner of Labor

6.3 Laboratory Certifications

ANTONIA C. NOVELLO, M.D., M.P.H. Commissioner

Expires 12:01 AM April 1, 2001
ISSUED April 1, 2000
REVISED July 24, 2000

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

Lab ID No.: 10879

Director: MS. MILENA LOWD
Lab Name: ATC ASSOCIATES INC
Address : 104 EAST 25TH 10TH FLOOR
NEW YORK NY 10010

Is hereby APPROVED as an Environmental Laboratory for the category

ENVIRONMENTAL ANALYSES/SOLID AND HAZARDOUS WASTE

All approved subcategories and/or analytes are listed below:

Miscellaneous :
Asbestos In Friable Material
Asbestos In Non-Friable Materia
Lead In Dust Wipes
Lead In Paint

Serial No.: 107613

Wadsworth Center

Property of the New York State Department of Health. Valid only at the address shown.
Must be conspicuously posted. Valid certificate has a red serial number.

DOH-5317 (3/97)

ANTONIA C. NOVELLO, M.D., M.P.H. Commissioner

Expires 12:01 AM April 1, 2001
ISSUED April 1, 2000
REVISED July 24, 2000

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

Lab ID No.: 10879

Director: MS. MILENA LOWD
Lab Name: ATC ASSOCIATES INC
Address : 104 EAST 25TH 10TH FLOOR
NEW YORK NY 10010

is hereby APPROVED as an Environmental Laboratory for the category

ENVIRONMENTAL ANALYSES NON POTABLE WATER

All approved subcategories and/or analytes are listed below:

Seawater Metals
Lead, Total

Wadsworth Center

Serial No.: 107610

Property of the New York State Department of Health. Valid only at the address shown.
Must be conspicuously posted. [illegible] serial number.

DOH-3317 (3/97)

ENVIRONMENTAL LEAD PROFICIENCY ANALYTICAL TESTING (ELPAT) PROGRAM
INDIVIDUAL LABORATORY REPORT FOR ROUND 024
LAB ID=07054 SEPTEMBER 23, 1998
ATC ASSOCIATES INC., NEW YORK, NY 10010

SAMPLE TYPE	SAMPLE NO.	REPORTED RESULTS	REFERENCE VALUES *	ACCEPTABLE RANGE # LOWER	UPPER	LAB @ PERFORMANCE	Z & SCORE
Paint Chips (%)	1	0.6582	0.7432	0.5812	0.9052	A	-1.57
	2	0.1752	0.2127	0.1492	0.2762	A	-1.77
	3	0.051	0.0524	0.0377	0.0672	A	-0.29
	4	3.2413	3.3834	2.6436	4.1232	A	-0.58
Soil (mg/kg)	1	400.7	440.6	354	527.2	A	-1.38
	2	626.1	686.3	545.3	827.4	A	-1.28
	3	713.1	820.9	651.2	990.5	A	-1.91
	4	39.9	34.2	13.1	55.3	A	0.81
Dust Wipes (ug)	1	58	57.8355	37.5	78.2	A	0.02
	2	1047.3	1127.0581	884	1370.2	A	-0.98
	3	127.1	128.3887	93.4	163.4	A	-0.11
	4	354.8	401.8589	326	477.8	A	-1.86

* Reference value is the mean of the reference laboratories
\# Upper limit: reference value + 3 standard deviations
Lower limit: reference value - 3 standard deviations
@ A: Analysis acceptable; -: Results not reported
H: Results > upper limit, L: Results < lower limit, not acceptable
& Z Score = (reported result-reference value)/standard deviation
Note: the acceptablity of reported results is based on z-scores.
This is why a reported result may appear acceptable according to performance limits, but be identified as an outlier.

LABORATORY YEAR-TO-DATE PERFORMANCE REPORT
LAB ID=07054

SAMPLE TYPE	ROUND NO.	ROUND * PERFORMANCE	ACCUMULATED 4 ROUNDS	(%)	PERFORMANCE 2 ROUNDS	(%)	PROFICIENCY RATING #
Paint Chips (%)	021	4/4					
	022	4/4					
	023	4/4					
	024	4/4	16/16	100	8/8	100	P
Soil (mg/kg)	021	4/4					
	022	4/4					
	023	4/4					
	024	4/4	16/16	100	8/8	100	P
Dust Wipes (ug)	021	4/4					
	022	4/4					
	023	4/4					
	024	4/4	16/16	100	8/8	100	P

* The denominators represent the number of total samples analyzed.
The numerators represent the number of acceptable results.
\# P : Proficient NP: Nonproficient -: Not Rated
Performance ratings are based on accumulated results over four rounds (one year). A lab's performance in ground paint chips, soil, or dust wipes is rated proficient (P), if: 1) three-fourths (75%) or more of the accumulated results over four rounds are acceptable or 2) for the last two rounds, all samples are analyzed and the results are 100 % acceptable.

ENVIRONMENTAL LEAD PROFICIENCY ANALYTICAL TESTING (ELPAT) PROGRAM
INDIVIDUAL LABORATORY REPORT FOR ROUND 023
LAB ID=07054 JUNE 24, 1998
ATC ASSOCIATES INC. NY, NEW YORK, NY 10010

SAMPLE TYPE	SAMPLE NO.	REPORTED RESULTS	REFERENCE VALUES *	ACCEPTABLE RANGE # LOWER	UPPER	LAB @ PERFORMANCE	Z & SCORE
Paint Chips (%)	1	0.0375	0.0366	0.0265	0.0467	A	0.20
	2	1.8316	1.8085	1.4203	2.1966	A	0.18
	3	0.4177	0.4255	0.3469	0.5042	A	-0.30
	4	1.0184	1.0131	0.8111	1.2152	A	0.08
Soil (mg/kg)	1	1392.7	1421.6	1187.5	1655.6	A	-0.37
	2	61.4	57.4	36.9	77.9	A	0.59
	3	213	218.9	168	269.7	A	-0.35
	4	459.4	460.2	388.2	532.2	A	-0.03
Dust Wipes (ug)	1	112.3	129.1348	99.4	158.9	A	-1.70
	2	249.5	271.547	210.4	332.7	A	-1.08
	3	55.2	59.0183	38.4	79.7	A	-0.56
	4	569	561.9713	438.3	685.7	A	0.17

* Reference value is the mean of the reference laboratories
\# Upper limit: reference value + 3 standard deviations
Lower limit: reference value - 3 standard deviations
@ A: Analysis acceptable; -: Results not reported
H: Results > upper limit, L: Results < lower limit, not acceptable
& Z Score = (reported result-reference value)/standard deviation
Note: the acceptablity of reported results is based on z-scores.
This is why a reported result may appear acceptable according to performance limits, but be identified as an outlier.

LABORATORY YEAR-TO-DATE PERFORMANCE REPORT
LAB ID=07054

SAMPLE TYPE	ROUND NO.	ROUND * PERFORMANCE	ACCUMULATED 4 ROUNDS(%)		PERFORMANCE 2 ROUNDS(%)		PROFICIENCY RATING #
Paint Chips (%)	020	4/4					
	021	4/4					
	022	4/4					
	023	4/4	16/16	100	8/8	100	P
Soil (mg/kg)	020	4/4					
	021	4/4					
	022	4/4					
	023	4/4	16/16	100	8/8	100	P
Dust Wipes (ug)	020	4/4					
	021	4/4					
	022	4/4					
	023	4/4	16/16	100	8/8	100	P

* The denominators represent the number of total samples analyzed.
The numerators represent the number of acceptable results.
\# P : Proficient NP: Nonproficient -: Not Rated
Performance ratings are based on accumulated results over four rounds (one year). A lab's performance in ground paint chips, soil, or dust wipes is rated proficient (P), if: 1) three-fourths (75%) or more of the accumulated results over four rounds are acceptable or 2) for the last two rounds, all samples are analyzed and the results are 100 % acceptable.

ENVIRONMENTAL LEAD PROFICIENCY ANALYTICAL TESTING (ELPAT) PROGRAM
INDIVIDUAL LABORATORY REPORT FOR ROUND 022
LAB ID=07054 MARCH 18, 1998
ATC ASSOCIATES, INC. NY, NEW YORK, NY 10010

SAMPLE TYPE	SAMPLE NO.	REPORTED RESULTS	REFERENCE VALUES *	ACCEPTABLE RANGE # LOWER	UPPER	LAB @ PERFORMANCE	Z & SCORE
Paint Chips (%)	1	1.4275	1.4607	1.2043	1.7171	A	-0.39
	2	0.086	0.0818	0.0628	0.1008	A	0.66
	3	4.2394	4.5632	3.6256	5.5009	A	-1.04
	4	0.6247	0.6454	0.5264	0.7645	A	-0.52
Soil (mg/kg)	1	351.6	360.8	292.3	429.4	A	-0.40
	2	76.8	73.2	49.7	96.7	A	0.46
	3	799.3	834.5	682.5	986.5	A	-0.69
	4	649.9	683.2	560	806.3	A	-0.81
Dust Wipes (ug)	1	531.6	565.9373	432.1	699.8	A	-0.77
	2	123.5	128.9551	94.1	163.8	A	-0.47
	3	272.6	272.0263	198.9	345.2	A	0.02
	4	863.1	895.2703	714.6	1076	A	-0.53

* Reference value is the mean of the reference laboratories
\# Upper limit: reference value + 3 standard deviations
Lower limit: reference value - 3 standard deviations
@ A: Analysis acceptable; -: Results not reported
H: Results > upper limit, L: Results < lower limit, not acceptable
& Z Score = (reported result-reference value)/standard deviation
Note: the acceptablity of reported results is based on z-scores.
This is why a reported result may appear acceptable according to performance limits, but be identified as an outlier.

LABORATORY YEAR-TO-DATE PERFORMANCE REPORT
LAB ID=07054

SAMPLE TYPE	ROUND NO.	ROUND * PERFORMANCE	ACCUMULATED 4 ROUNDS(%)		PERFORMANCE 2 ROUNDS(%)		PROFICIENCY RATING #
Paint Chips (%)	019	4/4					
	020	4/4					
	021	4/4					
	022	4/4	16/16	100	8/8	100	P
Soil (mg/kg)	020	4/4					
	021	4/4					
	022	4/4	12/12	100	8/8	100	P
Dust Wipes (ug)	019	4/4					
	020	4/4					
	021	4/4					
	022	4/4	16/16	100	8/8	100	P

* The denominators represent the number of total samples analyzed.
The numerators represent the number of acceptable results.
\# P : Proficient NP: Nonproficient -: Not Rated
Performance ratings are based on accumulated results over four rounds (one year). A lab's performance in ground paint chips, soil, or dust wipes is rated proficient (P), if: 1) three-fourths (75%) or more of the accumulated results over four rounds are acceptable or 2) for the last two rounds, all samples are analyzed and the results are 100 % acceptable.

ENVIRONMENTAL LEAD PROFICIENCY ANALYTICAL TESTING (ELPAT) PROGRAM
INDIVIDUAL LABORATORY REPORT FOR ROUND 021
LAB ID=07054 DECEMBER 16, 1997
ATC ASSOCIATES, INC. NY, NEW YORK, NY 10010

SAMPLE TYPE	SAMPLE NO.	REPORTED RESULTS	REFERENCE VALUES *	ACCEPTABLE RANGE # LOWER	UPPER	LAB @ PERFORMANCE	Z & SCORE
Paint Chips (%)	1	1.0833	1.0578	0.864	1.2516	A	0.39
	2	0.0459	0.0452	0.0328	0.0575	A	0.17
	3	7.756	6.6414	4.5218	8.7609	A	1.58
	4	0.4999	0.5141	0.395	0.6332	A	-0.36
Soil (mg/kg)	1	459.6	463.5	387.3	539.7	A	-0.15
	2	846.9	830.8	675.6	985.9	A	0.31
	3	78.8	69.2	46.5	91.8	A	1.28
	4	342.4	347.2	262.2	432.3	A	-0.17
Dust Wipes (ug)	1	270.3	269.5319	198.4	340.7	A	0.03
	2	163.8	159.5374	111.5	207.5	A	0.27
	3	80.6	79.2462	53.9	104.6	A	0.16
	4	704.9	735.3033	592.8	877.8	A	-0.64

* Reference value is the mean of the reference laboratories
\# Upper limit: reference value + 3 standard deviations
Lower limit: reference value - 3 standard deviations
@ A: Analysis acceptable; -: Results not reported
H: Results > upper limit, L: Results < lower limit, not acceptable
& Z Score = (reported result-reference value)/standard deviation
Note: the acceptablity of reported results is based on z-scores. This is why a reported result may appear acceptable according to performance limits, but be identified as an outlier.

LABORATORY YEAR-TO-DATE PERFORMANCE REPORT
LAB ID=07054

SAMPLE TYPE	ROUND NO.	ROUND * PERFORMANCE	ACCUMULATED 4 ROUNDS	(%)	PERFORMANCE 2 ROUNDS	(%)	PROFICIENCY RATING #
Paint Chips (%)	018	4/4					
	019	4/4					
	020	4/4					
	021	4/4	16/16	100	8/8	100	P
Soil (mg/kg)	020	4/4					
	021	4/4	8/8	100	8/8	100	P
Dust Wipes (ug)	018	4/4					
	019	4/4					
	020	4/4					
	021	4/4	16/16	100	8/8	100	P

* The denominators represent the number of total samples analyzed.
The numerators represent the number of acceptable results.
\# P : Proficient NP: Nonproficient -: Not Rated
Performance ratings are based on accumulated results over four rounds (one year). A lab's performance in ground paint chips, soil, or dust wipes is rated proficient (P), if: 1) three-fourths (75%) or more of the accumulated results over four rounds are acceptable or 2) for the last two rounds, all samples are analyzed and the results are 100 % acceptable.

THE AMERICAN INDUSTRIAL HYGIENE ASSOCIATION

is proud to acknowledge that

ATC Associates, Inc.
New York, NY
Laboratory ID# 7054

has fulfilled the requirements for the Environmental Lead Laboratory Accreditation Program and has earned distinguished recognition as an

AIHA ELLAP ACCREDITED LABORATORY

04/13/1998 04/13/2001

In the following matrices: Paint Soil Dust Air

This program is recognized by the EPA as meeting the requirements of the National Lead Laboratory Accreditation Program established under Title X of the Residential Lead-Based Paint Hazard Reduction Act of 1992 and includes paint soil and dust wipe analysis. Air analysis is not included as part of the NLLAP.

D. Jeff Burton, CIH, PE, CSP
President, American Industrial Hygiene Association

Eric L. Botnick, Chair, Environmental
Lead Laboratory Accreditation Committee

Mark Puskar, Ph.D., Chair,
Analytical Accreditation Board