



600 West Cummings Park, Suite 5500, Woburn, Massachusetts 01801  
 (781) 932-9400, (781) 932-6211 fax

## PHASE CONTRAST MICROSCOPY ANALYSIS REPORT

Page 1 of 3

Client *City of Newton*  
*140 Brandeis Road*  
*Newton MA 02459*

Project No. 60.23835.0004  
 Project Location Phase I, Newton North High School, Newton, MA  
 Date Collected 8/27/2010

Batch # A10- 669  
 Date Analyzed 8/27/2010  
 Analyst Joseph Cooney  
 Analyst Number AM000072  
 Project Manager Robert Verdi

Sample No.	Sample Type 1	Sample Type 2	Sample Location	Sample Volume	Total Fibers	Total Fields Analyzed	Detection Limit f/cc	Concentration f/cc
01	Field Blank		Field Blank	0	0.0	100	N/A	N/A
02	Field Blank		Field Blank	0	0.0	100	N/A	N/A
03	Background		Station #1	2270	0.0	100	0.002	BDL
04	Background		Station #2	2270	11.0	100	0.002	0.002
05	Background		Station #3	2270	0.0	100	0.002	BDL
06	Background		Station #4	2250	2.0	100	0.002	BDL
07	Background		Station #5	0	0.0	100	N/A	N/A
				Pump Not Working				
08	Background		Station #6	2240	0.0	100	0.002	BDL



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Sample No.	Sample Type 1	Sample Type 2	Sample Location	Sample Volume	Total Fibers	Total Fields Analyzed	Detection Limit f/cc	Concentration f/cc
09	Background		At Room 108 Next to Hole in Wall to 114	1024	6.0	100	0.003	0.003
10	Background		Outside Decon on 2nd Floor North Lobby	2000	4.0	100	0.002	BDL
11	Background		Hallway at Room 355	2000	2.0	100	0.002	BDL
12	Background		Center of Kitchen Room 438/436	2000	2.0	100	0.002	BDL
13	Background		Station #1	1680	1.0	100	0.002	BDL
14	Background		Station #2	1680	4.0	100	0.002	BDL
15	Background		Station #3	1670	0.0	100	0.002	BDL
16	Background		Station #4	1680	2.0	100	0.002	BDL



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Sample No.	Sample Type 1	Sample Type 2	Sample Location	Sample Volume	Total Fibers	Total Fields Analyzed	Detection Limit f/cc	Concentration f/cc
17	Background		Station #5	1670	1.0	100	0.002	BDL
18	Background		In Hallway at Room 355 Third Floor	0 Power Off	0.0	100	N/A	N/A
19	Background		Outside Decon on Second Floor	1700	8.0	100	0.002	0.002
20	Background		Station #5	1260	2.5	100	0.003	BDL

**Legend:** BDL = Below Detection Limit f/cc = Fibers per cubic centimeter

**Filter Information:** Filter Type =MCE Pore Size = 0.8µm Diameter = 25.0mm  
 Effective Filter Area = 385mm<sup>2</sup> Area Analyzed = 0.00785 mm<sup>2</sup>

**Analytical Method:** NIOSH 7400

**Comments:** This laboratory is in compliance with the quality assurance as specified by this method  
 This report cannot be used to claim product endorsement by NVLAP or any agency of the U.S. Government

Respectfully Submitted,

Project Manager  
 ATC Associates Inc.

# Air Quality Report

Client / Proj. #: 060.23835.0004  
 Job Site: Newton North High School  
 Work Area: Phase I  
 Date of Collection: 8-27-10  
 Collected by: JOSIE H. TORNEY  
 Signature: Josie H. Torney

Date of Analysis: 8-27-10  
 Method of Analysis: N/A  
 Analyst Signature: Josie H. Torney  
 Microscope Make: Olympus  
 Microscope Model: CH2  
 Microscope Number: 001882

Project Manager: Robert Verdi  
 On Site Contact: Trip Elmore  
 Phone Number: \_\_\_\_\_  
 Batch Number: \_\_\_\_\_

Sample No.	LOCATION	Sample Type (1-9)	Pump (2400)		Rotometer (LPM)		Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. 2.7/V	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
			On	Off	On	Off								
01	Field Blank	N/A												
02	Field Blank	N/A												
03	Station #1		1125	1413	10	10	10	168	1680	.001	1/100	—	2.001	DL
04	Station #2		1127	1415	10	10	10	168	1680	.001	1/100	—	2.001	DL
05	Station #3		1129	1416	10	10	10	167	1670	.001	0/100	—	2.001	DL
06	Station #4		1131	1419	10	10	10	168	1680	.001	2/100	—	2.001	DL
07	Station #5		1134	1422	10	10	10	167	1670	.001	1/100	—	2.001	DL
08	In hallway at 355 third floor		1140	Pump off	10	10	10	—	—	—	—	—	—	—
09	Outside down on second floor		1142	1432	10	10	10	170	1700	.001	3/100	—	2.003	DL
10	Station #5		1215	1421	10	10	10	126	1260	.002	2.5/100	—	2.001	DL

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

Rotameter Number: \_\_\_\_\_ Calibration Date: \_\_\_\_\_ Relinquished By: \_\_\_\_\_ Received By: \_\_\_\_\_  
 NOTE: The ATC Associates Inc. Lab meets the requirements set forth by AHERA 40 CFR 763.90 (i)(2)(ii). FILTERS ARE 25MM MCE.



ATC ASSOCIATES INC., 600 W. Cummings Park, Woburn, MA 01801 (781) 932-9400 FAX (781) 932-6211

8-112

# Air Quality Report

Client / Proj. #: 060.23835.0004  
 Job Site: Newton North High School  
 Work Area: Phase I  
 Date of Collection: 8-27-10  
 Collected by: JOSEPH COONEY  
 Signature: Joseph P. Cooney

Date of Analysis: 8-27-10  
 Method of Analysis: MOSH 7400  
 Analyst Signature: Joseph P. Cooney  
 Microscope Make: Olympus  
 Microscope Model: CH2  
 Microscope Number: \_\_\_\_\_

Project Manager: Robert Verdi  
 On Site Contact: Irip Elmore  
 Phone Number: \_\_\_\_\_

Batch Number: 1069

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM) On	Rotometer (LPM) Off	Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D.	Actual Count (100)	Adjusted Count (100)	Result (F/CC)	Analyst Initials
01	Field Blank								0/100					JPC
02	Field Blank								0/100					JPC
03	Station #1		0738	1125	10	10	10	727	2270	.001	0/100	—	—	JPC
04	Station #2		0740	1127	10	10	10	227	2270	.001	11/100	—	.002	JPC
05	Station #3		0742	1129	10	10	10	227	2270	.001	0/100	—	—	JPC
06	Station #4		0746	1131	10	10	10	225	2250	.001	2/100	—	<.002	JPC
07	Station #5		0748	Pump not working	10	10	10							
08	Station #6		0750	1134	10	10	10	224	2240	.001	0/100	—	—	JPC
09	At Room 108 next to hole in wall to 114		0810	1018	8	8	8	128	1024	.002	6/100	—	.002	JPC
F10	Outside Draw on 2nd Floor - Back lobby		0822	1142	10	10	10	200	2000	.001	4/100	—	<.001	JPC
F11	Hallway to room 355		0820	1140	10	10	10	200	2000	.001	2/100	—	<.001	JPC
F12	Center of Kitchen on 4th floor		0818	1138	10	10	10	200	2000	.001	2/100	—	<.001	JPC

Work Phase: 1) Background 2) Pre Abatement 3) During Prep Work 4) During Removal 5) During Final Clean 6) During Glovebag Removal 7) Final Air Clearance 8) Personal Air Sample 9) Associated Work

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