



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

## PHASE CONTRAST MICROSCOPY ANALYSIS REPORT

Page 1 of 2

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 8/25/2010

Batch # A10- 664  
Date Analyzed 8/25/2010  
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		Third Floor Hallway @ Room 355	3100	18.0	100	0.001	0.003
04	Background		Fourth Floor at Kitchen (438)	2680	34.0	100	0.001	0.006
05	Background		First Floor West Side of Room 108/114 Wall Hole	0 Overloaded	0.0	100	N/A	N/A
06	Background		First Floor East Side of Room 108/114 Wall Hole	913	7.0	100	0.004	0.004



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<i>Sample No.</i>	<i>Sample Type 1</i>	<i>Sample Type 2</i>	<i>Sample Location</i>	<i>Sample Volume</i>	<i>Total Fibers</i>	<i>Total Fields Analyzed</i>	<i>Detection Limit f/cc</i>	<i>Concentration f/cc</i>
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**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: 8-25-10  
 Collected by: Joseph P. Connery  
 Signature: Joseph P. Connery

Date of Analysis: 8-25-10  
 Method of Analysis: NIOSH 7400  
 Analyst Signature: Joseph Connery  
 Microscope Make: Qlympus  
 Microscope Model: CH2  
 Microscope Number: \_\_\_\_\_

Project Manager: Robert Verdi  
 On Site Contact: Trip Elmore  
 Phone Number: \_\_\_\_\_  
 Batch Number: 1111

Sample No.	LOCATION	Sample Type (1-9)	Pump On (2400)	Pump Off (2400)	Rotometer (LPM)		Rate (LPM)	Time (Min)	Air Volume (Liters)	L.O.D. (2.7V)	Actual Count (/100)	Adjusted Count (/100)	Result (F/CC)	Analyst Initials
					On	Off								
01	Field Blank										9/100			ARC
02	Field Blank										9/100			ARC
3F-01	Third floor hallway @ Room 355	1	0910	1430	10	10	10	310	3100	.001	15/100	—	.002	ARC
4F-01	Fourth floor at kitchen (438)	1	0957	1425	10	10	10	268	2680	.001	34/100	—	.006	ARC
1F-02	First floor - west side of room 109/111/112	1	1317	1453	11	11	11	96	1056	.002	9/100	—	—	ARC
1F-03	First floor - east side of room 109/111/112	1	1331	1451	11	11	11	83	913	.002	3/100	—	.004	ARC

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