



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 Perimeter, Newton North High School, Newton, MA
Date Collected 8/19/2010

Batch # A10- 660
Date Analyzed 8/19/2010
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	2260	4.0	100	0.002	BDL
04	Background		Station #2	2240	4.0	100	0.002	BDL
05	Background		Station #3	2230	0.0	100	0.002	BDL
06	Background		Station 4	1810	0.0	100	0.002	BDL
07	Background		Station #5	1790	2.0	100	0.002	BDL
08	Background		Station #6	1310	2.0	100	0.003	BDL



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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>
09	Background		Station #1	1990	3.0	100	0.002	BDL
10	Background		Station #2	1870	2.0	100	0.002	BDL
11	Background		Station #3	1870	1.0	100	0.002	BDL
12	Background		Station #4	1870	2.0	100	0.002	BDL
13	Background		Station #5	1870	0.0	100	0.002	BDL
14	Background		Station #6	1870	0.0	100	0.002	BDL



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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 = 385mm² Area Analyzed = 0.00785 mm²

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

Pg 1/2

Client / Proj. #: 060.23835.0004
 Job Site: Newton North High School
 Work Area: Resimeter
 Date of Collection: 8-19-10
 Collected by: JOSEPH COANEY
 Signature: Joseph P. Coaney

Date of Analysis: 8-19-10
 Method of Analysis: MSA 7400
 Analyst Signature: Joseph Coaney
 Microscope Make: Olympus
 Microscope Model: CH2
 Microscope Number: _____

Project Manager: Robert Verdi
 On Site Contact: Trip Elmore
 Phone Number: _____
 Batch Number: 1110

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.	Actual Count (100)	Adjusted Count (100)	Result (F/CC)	Analyst Initials
					On	Off								
01	Field Blank													
02	Field Blank													
03	Station #1	1	0740	1126	10	10	226	2260	.001	4/100			<.001	APC
04	Station #2	1	0744	1128	10	10	224	2240	.001	4/100			<.001	APC
05	Station #3	1	0747	1130	10	10	223	2230	.001	4/100			<.001	APC
06	Station #4	1	0831	1132	10	10	181	1810	.001	4/100			<.001	APC
07	Station #5	1	0835	1134	10	10	179	1790	.001	3/100			<.001	APC
08	Station #6	1	0925	1136	10	10	131	1310	.002	2/100			<.001	APC
09	Station #1	1	1126	1445	10	10	199	1990	.001	3/100			<.001	APC
10	Station #2	1	1128	1435	10	10	187	1870	.001	2/100			<.001	APC
11	Station #3	1	1130	1437	10	10	187	1870	.001	1/100			<.001	APC
12	Station #4	1	1132	1439	10	10	187	1870	.001	2/100			<.001	APC
13	Station #5	1	1134	1441	10	10	187	1870	.001	0/100			<.001	APC

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.



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