



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 8/16/2010

Batch # A10- 604
Date Analyzed 8/16/2010
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 - Northeast Corner of Perimeter	2160	0.0	100	0.002	BDL
04	Background		Station #2 - Northwest Corner of Work Site	2020	1.0	100	0.002	BDL
05	Background		Station #3 - West Site of Site Perimeter	2080	0.0	100	0.002	BDL
06	Background		Station #4 - Southwest Corner of Site Perimeter	1960	0.0	100	0.002	BDL
07	Background		Station #5 - East	1820	1.0	100	0.002	BDL
08	Background		Station #6	1850	2.0	100	0.002	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	1950	2.0	100	0.002	BDL
10	Background		Station #2	1930	0.0	100	0.002	BDL
11	Background		Station #3	1930	3.0	100	0.002	BDL
12	Background		Station #4	1940	1.0	100	0.002	BDL
13	Background		Station #5	1940	0.0	100	0.002	BDL
14	Background		Station #6	1940	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

Client / Proj. #: 060.23835.0004
 Job Site: Newton North High School
 Work Area: PARSE I
 Date of Collection: 8-16-10
 Collected by: ROSEBA ZDOMEY
 Signature: Joseph P. Conroy

Date of Analysis: 8-16-10
 Method of Analysis: NIOSH 7100
 Analyst Signature: Joseph P. Conroy
 Microscope Make: Olympus
 Microscope Model: CH2
 Microscope Number: _____

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

Batch Number: LOAF

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
01	Field Blank									0/100			APC
02	Field Blank									0/100			APC
03	Station #1 - northeast corner of perimeter.	1	0801	1135	10	10	216	2160	.001	0/100			APC
04	Station #2 - Northwest corner of work site perimeter.	1	0825	1147	10	10	202	2020	.001	1/100		<.001	APC
05	Station #3 - west side of site perimeter.	1	0821	1149	10	10	208	2080	.001	0/100			APC
06	Station #4 - southwest corner of site perimeter.	1	0835	1151	10	10	196	1960	.001	0/100			APC
07	Station #5 - east	1	0851	1153	10	10	182	1820	.001	1/100		<.001	APC
08	Station #6 -	1	0850	1155	10	10	185	1850	.001	2/100		<.001	APC
09	Station #1	1	1143	1458	10	10	195	1950	.001	2/100		<.001	APC
10	Station #2	1	1147	1500	10	10	193	1930	.001	0/100			APC
11	Station #3	1	1149	1502	10	10	193	1930	.001	3/100		<.001	APC
12	Station #4	1	1151	1505	10	10	194	1940	.001	1/100		<.001	APC
13	Station #5	1	1153	1507	10	10	194	1940	.001	0/100			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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