



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 8/30/2010

Batch # A10- 670
Date Analyzed 8/30/2010
Analyst Donn LaFlamme
Analyst Number AM041143
Project Manager Robert Verdi

<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>
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	2610	0.0	100	0.001	BDL
04	Background		Station #2	2600	5.0	100	0.001	BDL
05	Background		Station #3	2600	3.0	100	0.001	BDL
06	Background		Station #4	2600	2.0	100	0.001	BDL
07	Background		Station #5	2660	4.0	100	0.001	BDL
08	Background		Station #6	2370	0.0	100	0.001	BDL



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09	Background		Fourth Floor Center of Kitchen Outside Phase I	2560	1.0	100	0.001	BDL
10	Background		Third Floor Hallway at Room 355	2560	8.0	100	0.001	0.002
11	Background		Station #1	1770	0.0	100	0.002	BDL
12	Background		Station #2	1630	6.0	100	0.002	0.002
13	Background		Station #3	1690	2.0	100	0.002	BDL
14	Background		Station #4	1650	1.0	100	0.002	BDL
15	Background		Station #5	1710	1.0	100	0.002	BDL
16	Background		Station #6	1710	0.0	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>
17	Background		Fourth Floor Center of Kitchen Room 438	1700	2.0	100	0.002	BDL
18	Background		Third Floor Hallway at Room 355	1700	2.0	100	0.002	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 = 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

6/12

Client / Proj. #: 060.23835.0004
 Job Site : Newton North High School
 Work Area: Phase - I
 Date of Collection: 5/30/10
 Collected by: Robert Verdil
 Signature: _____

Date of Analysis: 6/30/10
 Method of Analysis: NIOSH 740
 Analyst Signature: Robert Verdil
 Microscope Make: Olympus
 Microscope Model: GH2
 Microscope Number: _____

Project Manager: Robert Verdil
 On Site Contact: Trip Elmore
 Phone Number: _____
 Batch Number: 670

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. 2.7/V	Actual Count (100)	Adjusted Count (100)	Result (F/CC)	Analyst Initials
					On	Off								
01	Field Blank	blank	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0/100	-	<.001	AVC
02	Field Blank	blank	n/a	n/a	n/a	n/a	n/a	n/a	n/a	n/a	0/100	-	<.001	AVC
03	Station 1	1	0748	1201	10.0	10.0	10.0	261	2610	.001	0/100	-	-	AVC
04	Station 2	1	0749	1204	10.0	10.0	10.0	260	2600	.001	5/100	-	<.001	AVC
05	Station 3	1	0751	1211	10.0	10.0	10.0	260	2600	.001	3/100	-	<.001	AVC
06	Station 4	1	0753	1217	10.0	10.0	10.0	260	2600	.001	9/100	-	<.001	AVC
07	Station 5	1	0739	1204	10.0	10.0	10.0	266	2660	.001	4/100	-	<.001	AVC
08	Station 6	1	0806	1203	10.0	10.0	10.0	237	2370	.001	0/100	-	-	AVC
09	Foggy floor - center of kitchen - outside street	1	0742	1158	10.0	10.0	10.0	256	2560	.001	1/100	-	<.001	AVC
10	Third floor - Milwaye rm - 355	1	0744	1200	10.0	10.0	10.0	256	2560	.001	9/100	-	.001	AVC

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 (j)(2)(ii). FILTERS ARE 25MM MCE.



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

Air Quality Report

Pg 2/2

Client / Proj. #: 060.23835.0004
 Job Site: Newton North High School
 Work Area: Phase I
 Date of Collection: 8-30-06
 Collected by: JOSEPH CANNEY
 Signature: *Joseph Canney*

Date of Analysis: 8-30-06
 Method of Analysis: NIOSH 7400
 Analyst Signature: *Joseph Canney*
 Microscope Make: Olympus
 Microscope Model: CH2
 Microscope Number:

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

Batch Number:

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 (1/100)	Adjusted Count (1/100)	Result (F/CC)	Analyst Initials
01	Field Blank	N/A								2.7V				
02	Field Blank	N/A												
09	Station #1	1	1207	1504	100	100	100	177	1770	.001	9/100	-	-	gpc
10	Station #2	1	1209	1502	100	100	100	163	1630	.001	6/100	-	<.001	gpc
11	Station #3	1	1211	1500	100	100	100	169	1690	.001	4/100	-	<.001	gpc
12	Station #4	1	1213	1458	100	100	100	165	1650	.001	4/100	-	<.001	gpc
13	Station #5	1	1205	1456	100	100	100	171	1710	.001	4/100	-	<.001	gpc
14	Station #6	1	1203	1454	100	100	100	171	1710	.001	9/100	-	-	gpc
F072	Fourth floor (combined kitchen - rm 43)	1	1158	1440	100	100	100	170	1700	.001	2/100	-	<.001	gpc
F082	3rd Floor (Hallway) (rm 355)	1	1200	1470	100	100	100	170	1700	.001	2/100	-	<.001	gpc

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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