



Annual Air Monitoring Report 2010



Prepared by: Department of Health and Safety

August 25, 2010

Annual Air Monitoring – 2010

Areas Tested: Air samples were collected in various building known to contain asbestos, or have contained asbestos, excluding residence.

Scope of Work: Air samples were collected in various locations at a typical breathing level throughout each building and analyzed by Phase Contrast Microscopy (PCM). High volume pumps were used to collect the samples on a 25mm cellulose ester membrane cassette with a pore size of 0.8µm. Analysis of each follows the NIOSH 7400 analytical method using the “A” set of counting rules for the determination of airborne fibers. This method gives an index of airborne fibres and is primarily used for estimating asbestos concentrations. All particles meeting the counting criteria are counted, however, this method does not differentiate between asbestos and other fibres, as well fibres <0.25 µm in diameter are not detected.

Testing Results: Samples and analysis was conducted throughout June and July, 2010. All air samples results indicate fiber levels were at an acceptable level and below the current TLV of 0.1 f/cc. The attached is a summary of locations and associated results for samples collected.

Closure: Should there be any questions regarding the contents of this report please contact me at 864-3658

Prepared by:



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Building Locations and Results, 2010

Building	Location	Date	Sample ID	Duration	Flow Rate (L/min)	Volume (L)	Result (f/cc)
Health Science	HS-1819	May 25	HS-1819-001-25-05-10	60 min	15.0	900 L	0.005
	Outside HS-1615	May 25	HS-OS1615-001-25-05-10	60 min	15.0	900 L	0.002
	Outside HS-2941	May 25	HS-OS2941-001-25-05-10	60 min	15.0	900 L	0.002
	Outside HS-2804	May 26	HS-OS2804-001-26-05-10	60 min	15.0	900 L	0.003
	Outside HS-3434	May 26	HS-OS3434-001-26-05-10	60 min	15.0	900 L	0.003
	HS-4333	May 26	HS-4333-001-26-05-10	60 min	15.0	900 L	0.001
	HS-5359	May 26	HS-5359-001-26-05-10	60 min	15.0	900 L	0.001
	St. John's College	J-2C03	June 7	J-2C03-001-07-16-10	60 min	15.0	900 L
J-3008		June 7	J-3008-001-07-06-10	60 min	15.0	900 L	0.001
J-4C01		June 7	J-4C01-001-07-06-10	60 min	15.0	900 L	0.002
Arts & Administration	AA-1C03	June 7	AA-1C03-001-07-06-10	60 min	15.0	900 L	0.001
	AA-1C03	June 7	AA-1C03-002-07-06-10	60 min	15.0	900	0.001
	AA-2C03	June 7	AA-2C03-001-07-06-10	60 min	15.0	900	0.001
	AA-3C03	June 7	AA-3C03-001-07-06-10	60 min	15.0	900	0.001
	AA-4C01	June 7	AA-4C01-001-07-06-10	60 min	15.0	900	0.004
Science	SN-1C04	June 10	SN-1C04-001-10-06-10	60 min	15.0	900	0.004
	SN-1C02	June 10	SN-1C02-001-10-06-10	60 min	15.0	900	0.002
	SN-2C02	June 10	SN-2C02-001-10-06-10	60 min	15.0	900	0.002
	SN-2C06	June 10	SN-2C06-001-10-06-10	60 min	15.0	900	0.001
	SN-3C02	June 10	SN-3C02-001-10-06-10	60 min	15.0	900	0.001
	SN-3C03	June 10	SN-3C03-001-10-06-10	60 min	15.0	900	0.001
	SN-4C02	June 10	SN-4C02-001-10-06-10	60 min	15.0	900	0.001

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	SN-4C03	June 10	SN-4C03-001-10-06-10	60 min	15.0	900	0.001
208 Elizabeth Avenue	BP-2001	June 23	BP-2001-001-23-06-10	60 min	15.0	900	0.003
202 Elizabeth Avenue	CE-2001	June 23	CE-2001-001-23-06-10	60 min	15.0	900	0.001
Vivarium	V-1C02	June 24	V-1C02-001-24-06-10	60 min	15.0	900	0.004
Coughlan College	CL-1V02	June 24	CL-1V02-001-24-06-10	60 min	15.0	900	0.002
	CL-1V02	June 24	CL-2C04-001-24-06-10	60 min	15.0	900	0.002
Spence Hall	SP-1C01	June 24	SP-1C01-001-24-06-10	60 min	15.0	900	0.002
	SP-2C02	June 24	SP-2C02-001-24-06-10	60 min	15.0	900	0.001
Facilities Management	FM-1V02	June 24	FM-1V02-001-24-06-10	60 min	15.0	900	0.001
	FM-2C02	June 24	FM-2C02-001-24-06-10	60 min	15.0	900	0.002
Queens College	QC-1C01	June 25	QC-1C01-001-25-06-10	60 min	15.0	900	0.001
	QC-2S01	June 25	QC-2S01-001-25-06-10	60 min	15.0	900	0.001
	QC-3C01	June 25	QC-3C01-001-25-06-10	60 min	15.0	900	0.001
	QC-4001	June 25	QC-4001-001-25-06-10	60 min	15.0	900	0.001
Education	ED-1C05	June 28	ED-1C05-001-28-06-10	60 min	15.0	900	0.001
	ED-2C01	June 28	ED-2C01-001-28-06-10	60 min	15.0	900	0.001
	ED-3048	June 28	ED-3048-001-28-06-10	60 min	15.0	900	0.001
	ED-4C03	June 28	ED-4C03-001-28-06-10	60 min	15.0	900	0.001
Chemistry Physics	CP-1017	June 28	CP-1017-001-28-06-10	60 min	15.0	900	0.001
	CP-2010	June 28	CP-2010-001-28-06-10	60 min	15.0	900	0.001
	CP-3055	June 28	CP-3055-001-28-06-10	60 min	15.0	900	0.001
	CP-4029	June 28	CP-4029-001-28-06-10	60 min	15.0	900	0.001
6 Clark Pl	CM-1000	July 13	CM-1000-001-13-07-10	60 min	15.0	900	0.001
Earth Science	ER-6C01	July 13	ER-6C01-001-13-07-10	60 min	15.0	900	0.001
Engineering	EN-1051	June 30	EN-1051-001-30-06-10	60 min	15.0	900	0.001

Building	Location	Date	Sample ID	Duration	Flow Rate (L/min)	Volume (L)	Result (f/cc)
	EN-2C01	June 30	EN-2C01-001-30-06-10	60 min	15.0	900	0.003
	EN-3C01	June 30	EN-3C01-001-30-06-10	60 min	15.0	900	0.001
	EN-4028	June 30	EN-4028-001-30-06-10	60 min	15.0	900	0.004
Business	BN-1017	June 30	BN-1017-001-30-06-10	60 min	15.0	900	0.001
	BN-2005	June 30	BN-2005-001-30-06-10	60 min	15.0	900	0.003
	BN-3C01	June 30	BN-3C01-001-30-06-10	60 min	15.0	900	0.001
	BN-4013	June 30	BN-4013-001-30-06-10	60 min	15.0	900	0.001
4 Clark Pl	CK-1C01	July 2	CK-1C01-001-02-07-10	60 min	15.0	900	0.001
Printing Services	PS-1005	July 2	PS-1005-001-02-07-10	60 min	15.0	900	0.001
Mathematics	HH-1C02	July 3	HH-1C02-001-03-07-10	60 min	15.0	900	0.002
	HH-2C01	July 3	HH-2C01-001-03-07-10	60 min	15.0	900	0.002
	HH-3C01	July 3	HH-3C01-001-03-07-10	60 min	15.0	900	0.002
	HH-1101 ceiling space	July 22	HH-1C02-001-22-07-10	30 min	15.0	900	0.003
	HH-2108 ceiling space	July 22	HH-2108-001-22-07-10	30 min	15.0	900	0.002
	HH-3005 ceiling space	July 23	HH-3005-001-23-07-10	30 min	15.0	900	0.003
Physical Education	PE-2C05	July 6	PE-2C05-001-06-07-10	60 min	15.0	900	0.002
	PE-1C02	July 6	PE-1C02-001-06-07-10	60 min	15.0	900	0.003
	PE-3C01	July 6	PE-3C01-001-06-07-10	60 min	15.0	900	0.002
Utilities Annex	UA-1001	July 6	UA-1001-001-06-07-10	60 min	15.0	900	0.001
Computing Services	CS-1C01	July 6	CS-1C01-001-06-07-10	60 min	15.0	900	0.004
Biotechnology	BT-2S02	July 6	BT-2S02-001-06-07-10	60 min	15.0	900	0.001
	BT-3C02	July 6	BT-3C02-001-06-07-10	60 min	15.0	900	0.001
Feild Hall	GH-1S01	July 7	GH-1S01-001-07-07-10	60 min	15.0	900	0.001
	GH-2012	July 7	GH-2012-001-07-07-10	60 min	15.0	900	0.001

Building	Location	Date	Sample ID	Duration	Flow Rate (L/min)	Volume (L)	Result (f/cc)
	GH-3C01	July 7	GH-3C01-001-07-07-10	60 min	15.0	900	0.001
	GH-4C02	July 7	GH-4C02-001-07-07-10	60 min	15.0	900	0.001
Dinning Hall	DH-1000	July 7	DH-1000-001-07-07-10	60 min	15.0	900	0.001
	DH-2C01	July 7	DH-2C01-001-07-07-10	60 min	15.0	900	0.001
Ocean Science Centre	OC-2C01	July 8	OC-2C01-001-08-07-10	60 min	15.0	900	0.004
Ocean Science Center Annex	AX-4C01	July 8	AX-4C01-001-08-07-10	60 min	15.0	900	0.002
Library	L-4017	July 13	L-4017-001-08-07-10	60 min	15.0	900	0.001
South Campus Boiler Plant	BR-1002	July 2	BR-1002-001-02-07-10	60 min	15.0	900	0.001