

Appendix A2

BAM Operation Description Record of PM_{2.5} Measurements

BAM Operation Description

Each hour, the BAM performs a cycle consisting of four steps in order to produce an average hourly PM_{2.5} concentration. Included in each cycle is an automatic calibration, which allows the instrument to provide highly accurate PM_{2.5} concentrations each hour.

Step 1: Initial Count

The BAM 1020 instrument houses a small ¹⁴C element, which emits a constant source of high-energy electrons, or beta particles. During the first step of the sampling cycle, a blank section of filter tape is exposed to this element and the beta particles passing through the tape are detected with high precision by an ultra-sensitive scintillation counter. This initial count (I₀) of the clean filter tape takes four minutes.

Step 2: Ambient Air Sampling

The filter tape is advanced such that the area previously exposed to the ¹⁴C element is now directly underneath the sampling inlet. A vacuum pump draws ambient air from outside at a known flow rate through a cyclone that removes any particles greater than 2.5 micron in diameter. This air is drawn downwards through a nozzle and across the section of filter tape where I₀ was just measured in Step 1. Thus, all PM_{2.5} present in the sampled air is deposited onto the filter tape. This sample is collected for a duration of 50 minutes.

Step 3: Calibration

While the sample is being collected on the filter tape, a second count (I₁) occurs on a blank section of tape, where the ¹⁴C element and counter are located (where I₀ is determined). This count allows for verification of instrument drift caused by varying external parameters such as temperature and relative humidity, and takes four minutes. A third count (I₂) takes place at the same location with a reference membrane extended over the tape, and the instrument determines whether the measured variability is within an acceptable range.

Step 4: Concentration Calculation

The section of the tape located underneath the sample inlet is moved back to where I₀ was counted, and the beta ray absorption through the section that has collected dust is measured (I₃). This count results in the determination of a mass of PM_{2.5}, which is divided by the total volume of air sampled to provide a concentration of PM_{2.5} for the hour. This completes the hourly cycle.

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/1/2007 0:00	9.0	16.2
1/1/2007 1:00	11.0	15.9
1/1/2007 2:00	7.9	16.3
1/1/2007 3:00	6.2	13.8
1/1/2007 4:00	7.1	15.1
1/1/2007 5:00	7.3	23.1
1/1/2007 6:00	8.0	10.1
1/1/2007 7:00	9.1	12.0
1/1/2007 8:00	11.6	11.8
1/1/2007 9:00	12.0	12.1
1/1/2007 10:00	9.3	12.3
1/1/2007 11:00	9.5	11.2
1/1/2007 12:00	10.0	11.5
1/1/2007 13:00	4.9	9.2
1/1/2007 14:00	2.9	9.8
1/1/2007 15:00	6.8	11.7
1/1/2007 16:00	12.5	13.1
1/1/2007 17:00	13.9	16.2
1/1/2007 18:00	13.1	16.0
1/1/2007 19:00	14.2	21.0
1/1/2007 20:00	14.3	17.6
1/1/2007 21:00	10.2	14.3
1/1/2007 22:00	7.4	8.4
1/1/2007 23:00	4.3	8.4
1/2/2007 0:00	5.3	11.2
1/2/2007 1:00	13.1	12.5
1/2/2007 2:00	9.6	10.8
1/2/2007 3:00	5.5	11.4
1/2/2007 4:00	8.7	14.2
1/2/2007 5:00	10.8	12.3
1/2/2007 6:00	14.2	13.0
1/2/2007 7:00	20.8	11.9
1/2/2007 8:00	18.6	9.7
1/2/2007 9:00	21.3	11.6
1/2/2007 10:00	16.0	10.3
1/2/2007 11:00	13.5	8.9
1/2/2007 12:00	8.0	11.2
1/2/2007 13:00	7.4	11.1
1/2/2007 14:00	11.2	11.1
1/2/2007 15:00	11.2	10.6
1/2/2007 16:00	10.9	12.4
1/2/2007 17:00	12.5	13.7
1/2/2007 18:00	9.8	12.3

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Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/2/2007 19:00	11.0	13.4
1/2/2007 20:00	16.6	15.4
1/2/2007 21:00	18.6	13.4
1/2/2007 22:00	17.1	13.2
1/2/2007 23:00	14.3	13.4
1/3/2007 0:00	14.4	10.9
1/3/2007 1:00	15.6	23.5
1/3/2007 2:00	21.4	14.6
1/3/2007 3:00	22.5	17.0
1/3/2007 4:00	19.5	19.0
1/3/2007 5:00	17.7	18.9
1/3/2007 6:00	28.1	20.4
1/3/2007 7:00	21.0	25.1
1/3/2007 8:00	24.7	24.9
1/3/2007 9:00	25.0	29.0
1/3/2007 10:00	22.7	26.5
1/3/2007 11:00	19.2	19.6
1/3/2007 12:00	18.3	17.9
1/3/2007 13:00	27.2	14.5
1/3/2007 14:00	19.2	13.6
1/3/2007 15:00	17.8	16.4
1/3/2007 16:00	13.7	16.0
1/3/2007 17:00	13.3	14.2
1/3/2007 18:00	14.6	14.4
1/3/2007 19:00	13.7	29.8
1/3/2007 20:00	22.2	24.6
1/3/2007 21:00	24.6	25.9
1/3/2007 22:00	20.1	21.6
1/3/2007 23:00	22.7	22.4
1/4/2007 0:00	20.9	27.1
1/4/2007 1:00	23.6	24.8
1/4/2007 2:00	23.1	23.1
1/4/2007 3:00	23.7	17.5
1/4/2007 4:00	21.1	24.9
1/4/2007 5:00	31.5	28.4
1/4/2007 6:00	25.2	29.7
1/4/2007 7:00	25.0	27.4
1/4/2007 8:00	24.8	32.5
1/4/2007 9:00	25.6	32.6
1/4/2007 10:00	25.8	24.0
1/4/2007 11:00	24.8	26.9
1/4/2007 12:00	25.4	33.8
1/4/2007 13:00	26.3	26.5

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Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/4/2007 14:00	21.5	18.7
1/4/2007 15:00	17.9	17.8
1/4/2007 16:00	26.4	20.3
1/4/2007 17:00	17.9	18.5
1/4/2007 18:00	22.3	22.1
1/4/2007 19:00	17.1	19.9
1/4/2007 20:00	17.2	18.3
1/4/2007 21:00	22.2	24.6
1/4/2007 22:00	22.8	33.2
1/4/2007 23:00	19.2	29.8
1/5/2007 0:00	26.5	29.0
1/5/2007 1:00	23.6	81.6
1/5/2007 2:00	15.4	34.2
1/5/2007 3:00	16.2	28.3
1/5/2007 4:00	14.7	17.5
1/5/2007 5:00	9.6	15.2
1/5/2007 6:00	9.6	11.8
1/5/2007 7:00	11.5	12.4
1/5/2007 8:00	10.5	16.6
1/5/2007 9:00	9.8	15.5
1/5/2007 10:00	11.0	11.4
1/5/2007 11:00	14.6	13.8
1/5/2007 12:00	13.2	18.2
1/5/2007 13:00	12.2	16.6
1/5/2007 14:00	13.6	12.7
1/5/2007 15:00	outlier removed	13.2
1/5/2007 16:00	outlier removed	16.1
1/5/2007 17:00	outlier removed	21.6
1/5/2007 18:00	outlier removed	37.3
1/5/2007 19:00	outlier removed	31.1
1/5/2007 20:00	outlier removed	28.1
1/5/2007 21:00	outlier removed	36.3
1/5/2007 22:00	outlier removed	18.5
1/5/2007 23:00	outlier removed	48.7
1/6/2007 0:00	outlier removed	43.4
1/6/2007 1:00	outlier removed	41.6
1/6/2007 2:00	outlier removed	20.5
1/6/2007 3:00	outlier removed	39.7
1/6/2007 4:00	outlier removed	41.7
1/6/2007 5:00	outlier removed	59.5
1/6/2007 6:00	outlier removed	outlier removed
1/6/2007 7:00	outlier removed	outlier removed
1/6/2007 8:00	outlier removed	27.9

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Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/6/2007 9:00	outlier removed	24.3
1/6/2007 10:00	outlier removed	29.3
1/6/2007 11:00	outlier removed	35.7
1/6/2007 12:00	outlier removed	33.4
1/6/2007 13:00	outlier removed	28.9
1/6/2007 14:00	outlier removed	24.9
1/6/2007 15:00	outlier removed	17.3
1/6/2007 16:00	outlier removed	4.7
1/6/2007 17:00	outlier removed	9.9
1/6/2007 18:00	outlier removed	13.9
1/6/2007 19:00	outlier removed	outlier removed
1/6/2007 20:00	outlier removed	outlier removed
1/6/2007 21:00	outlier removed	outlier removed
1/6/2007 22:00	outlier removed	outlier removed
1/6/2007 23:00	outlier removed	outlier removed
1/7/2007 0:00	outlier removed	outlier removed
1/7/2007 1:00	outlier removed	outlier removed
1/7/2007 2:00	outlier removed	outlier removed
1/7/2007 3:00	outlier removed	outlier removed
1/7/2007 4:00	outlier removed	outlier removed
1/7/2007 5:00	outlier removed	outlier removed
1/7/2007 6:00	outlier removed	outlier removed
1/7/2007 7:00	outlier removed	outlier removed
1/7/2007 8:00	outlier removed	outlier removed
1/7/2007 9:00	outlier removed	outlier removed
1/7/2007 10:00	outlier removed	outlier removed
1/7/2007 11:00	outlier removed	outlier removed
1/7/2007 12:00	outlier removed	outlier removed
1/7/2007 13:00	outlier removed	outlier removed
1/7/2007 14:00	outlier removed	outlier removed
1/7/2007 15:00	outlier removed	outlier removed
1/7/2007 16:00	outlier removed	outlier removed
1/7/2007 17:00	outlier removed	outlier removed
1/7/2007 18:00	outlier removed	outlier removed
1/7/2007 19:00	outlier removed	outlier removed
1/7/2007 20:00	outlier removed	outlier removed
1/7/2007 21:00	outlier removed	outlier removed
1/7/2007 22:00	outlier removed	outlier removed
1/7/2007 23:00	outlier removed	outlier removed
1/8/2007 0:00	outlier removed	outlier removed
1/8/2007 1:00	outlier removed	outlier removed
1/8/2007 2:00	outlier removed	outlier removed
1/8/2007 3:00	outlier removed	outlier removed

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Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/8/2007 4:00	outlier removed	outlier removed
1/8/2007 5:00	outlier removed	outlier removed
1/8/2007 6:00	outlier removed	outlier removed
1/8/2007 7:00	outlier removed	outlier removed
1/8/2007 8:00	outlier removed	outlier removed
1/8/2007 9:00	outlier removed	outlier removed
1/8/2007 10:00	outlier removed	outlier removed
1/8/2007 11:00	outlier removed	outlier removed
1/8/2007 12:00	outlier removed	outlier removed
1/8/2007 13:00	outlier removed	outlier removed
1/8/2007 14:00	outlier removed	outlier removed
1/8/2007 15:00	outlier removed	outlier removed
1/8/2007 16:00	outlier removed	outlier removed
1/8/2007 17:00	outlier removed	outlier removed
1/8/2007 18:00	outlier removed	outlier removed
1/8/2007 19:00	outlier removed	outlier removed
1/8/2007 20:00	outlier removed	outlier removed
1/8/2007 21:00	outlier removed	outlier removed
1/8/2007 22:00	outlier removed	outlier removed
1/8/2007 23:00	outlier removed	outlier removed
1/9/2007 0:00	outlier removed	outlier removed
1/9/2007 1:00	outlier removed	outlier removed
1/9/2007 2:00	outlier removed	outlier removed
1/9/2007 3:00	outlier removed	outlier removed
1/9/2007 4:00	outlier removed	outlier removed
1/9/2007 5:00	outlier removed	outlier removed
1/9/2007 6:00	outlier removed	outlier removed
1/9/2007 7:00	outlier removed	outlier removed
1/9/2007 8:00	outlier removed	outlier removed
1/9/2007 9:00	outlier removed	outlier removed
1/9/2007 10:00	outlier removed	outlier removed
1/9/2007 11:00	outlier removed	outlier removed
1/9/2007 12:00	outlier removed	outlier removed
1/9/2007 13:00	outlier removed	outlier removed
1/9/2007 14:00	outlier removed	outlier removed
1/9/2007 15:00	outlier removed	outlier removed
1/9/2007 16:00	outlier removed	outlier removed
1/9/2007 17:00	outlier removed	outlier removed
1/9/2007 18:00	outlier removed	outlier removed
1/9/2007 19:00	outlier removed	outlier removed
1/9/2007 20:00	outlier removed	outlier removed
1/9/2007 21:00	outlier removed	outlier removed
1/9/2007 22:00	outlier removed	outlier removed

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Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/9/2007 23:00	outlier removed	outlier removed
1/10/2007 0:00	outlier removed	outlier removed
1/10/2007 1:00	outlier removed	outlier removed
1/10/2007 2:00	outlier removed	outlier removed
1/10/2007 3:00	outlier removed	outlier removed
1/10/2007 4:00	outlier removed	outlier removed
1/10/2007 5:00	outlier removed	outlier removed
1/10/2007 6:00	outlier removed	outlier removed
1/10/2007 7:00	outlier removed	outlier removed
1/10/2007 8:00	outlier removed	outlier removed
1/10/2007 9:00	outlier removed	outlier removed
1/10/2007 10:00	outlier removed	outlier removed
1/10/2007 11:00	outlier removed	outlier removed
1/10/2007 12:00	outlier removed	outlier removed
1/10/2007 13:00	outlier removed	outlier removed
1/10/2007 14:00	outlier removed	outlier removed
1/10/2007 15:00	outlier removed	outlier removed
1/10/2007 16:00	outlier removed	outlier removed
1/10/2007 17:00	outlier removed	outlier removed
1/10/2007 18:00	outlier removed	outlier removed
1/10/2007 19:00	outlier removed	outlier removed
1/10/2007 20:00	outlier removed	outlier removed
1/10/2007 21:00	outlier removed	outlier removed
1/10/2007 22:00	outlier removed	outlier removed
1/10/2007 23:00	outlier removed	outlier removed
1/11/2007 0:00	outlier removed	outlier removed
1/11/2007 1:00	outlier removed	outlier removed
1/11/2007 2:00	outlier removed	outlier removed
1/11/2007 3:00	outlier removed	outlier removed
1/11/2007 4:00	outlier removed	outlier removed
1/11/2007 5:00	outlier removed	outlier removed
1/11/2007 6:00	outlier removed	outlier removed
1/11/2007 7:00	outlier removed	outlier removed
1/11/2007 8:00	outlier removed	outlier removed
1/11/2007 9:00	outlier removed	outlier removed
1/11/2007 10:00	outlier removed	outlier removed
1/11/2007 11:00	outlier removed	outlier removed
1/11/2007 12:00	outlier removed	outlier removed
1/11/2007 13:00	outlier removed	outlier removed
1/11/2007 14:00	outlier removed	outlier removed
1/11/2007 15:00	outlier removed	outlier removed
1/11/2007 16:00	outlier removed	outlier removed
1/11/2007 17:00	outlier removed	outlier removed

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Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/11/2007 18:00	outlier removed	outlier removed
1/11/2007 19:00	outlier removed	outlier removed
1/11/2007 20:00	outlier removed	outlier removed
1/11/2007 21:00	outlier removed	outlier removed
1/11/2007 22:00	outlier removed	outlier removed
1/11/2007 23:00	outlier removed	outlier removed
1/12/2007 0:00	outlier removed	outlier removed
1/12/2007 1:00	outlier removed	outlier removed
1/12/2007 2:00	outlier removed	outlier removed
1/12/2007 3:00	outlier removed	outlier removed
1/12/2007 4:00	outlier removed	outlier removed
1/12/2007 5:00	outlier removed	outlier removed
1/12/2007 6:00	outlier removed	outlier removed
1/12/2007 7:00	outlier removed	outlier removed
1/12/2007 8:00	outlier removed	outlier removed
1/12/2007 9:00	outlier removed	outlier removed
1/12/2007 10:00	outlier removed	outlier removed
1/12/2007 11:00	outlier removed	outlier removed
1/12/2007 12:00	outlier removed	outlier removed
1/12/2007 13:00	outlier removed	outlier removed
1/12/2007 14:00	outlier removed	outlier removed
1/12/2007 15:00	outlier removed	outlier removed
1/12/2007 16:00	outlier removed	outlier removed
1/12/2007 17:00	outlier removed	outlier removed
1/12/2007 18:00	outlier removed	outlier removed
1/12/2007 19:00	outlier removed	outlier removed
1/12/2007 20:00	outlier removed	outlier removed
1/12/2007 21:00	outlier removed	outlier removed
1/12/2007 22:00	outlier removed	outlier removed
1/12/2007 23:00	outlier removed	outlier removed
1/13/2007 0:00	outlier removed	outlier removed
1/13/2007 1:00	outlier removed	outlier removed
1/13/2007 2:00	outlier removed	outlier removed
1/13/2007 3:00	outlier removed	outlier removed
1/13/2007 4:00	outlier removed	outlier removed
1/13/2007 5:00	outlier removed	outlier removed
1/13/2007 6:00	outlier removed	outlier removed
1/13/2007 7:00	outlier removed	outlier removed
1/13/2007 8:00	outlier removed	outlier removed
1/13/2007 9:00	outlier removed	outlier removed
1/13/2007 10:00	outlier removed	outlier removed
1/13/2007 11:00	outlier removed	outlier removed
1/13/2007 12:00	outlier removed	outlier removed

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Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/13/2007 13:00	outlier removed	outlier removed
1/13/2007 14:00	outlier removed	outlier removed
1/13/2007 15:00	outlier removed	outlier removed
1/13/2007 16:00	outlier removed	outlier removed
1/13/2007 17:00	outlier removed	outlier removed
1/13/2007 18:00	outlier removed	outlier removed
1/13/2007 19:00	outlier removed	outlier removed
1/13/2007 20:00	outlier removed	outlier removed
1/13/2007 21:00	outlier removed	outlier removed
1/13/2007 22:00	outlier removed	outlier removed
1/13/2007 23:00	outlier removed	outlier removed
1/14/2007 0:00	outlier removed	outlier removed
1/14/2007 1:00	outlier removed	outlier removed
1/14/2007 2:00	outlier removed	outlier removed
1/14/2007 3:00	outlier removed	outlier removed
1/14/2007 4:00	outlier removed	outlier removed
1/14/2007 5:00	outlier removed	outlier removed
1/14/2007 6:00	outlier removed	outlier removed
1/14/2007 7:00	outlier removed	outlier removed
1/14/2007 8:00	outlier removed	outlier removed
1/14/2007 9:00	outlier removed	outlier removed
1/14/2007 10:00	outlier removed	outlier removed
1/14/2007 11:00	outlier removed	outlier removed
1/14/2007 12:00	outlier removed	outlier removed
1/14/2007 13:00	outlier removed	outlier removed
1/14/2007 14:00	outlier removed	outlier removed
1/14/2007 15:00	outlier removed	outlier removed
1/14/2007 16:00	outlier removed	outlier removed
1/14/2007 17:00	outlier removed	outlier removed
1/14/2007 18:00	outlier removed	outlier removed
1/14/2007 19:00	outlier removed	outlier removed
1/14/2007 20:00	outlier removed	outlier removed
1/14/2007 21:00	outlier removed	outlier removed
1/14/2007 22:00	outlier removed	outlier removed
1/14/2007 23:00	outlier removed	outlier removed
1/15/2007 0:00	outlier removed	outlier removed
1/15/2007 1:00	outlier removed	outlier removed
1/15/2007 2:00	outlier removed	outlier removed
1/15/2007 3:00	outlier removed	outlier removed
1/15/2007 4:00	outlier removed	outlier removed
1/15/2007 5:00	outlier removed	outlier removed
1/15/2007 6:00	outlier removed	outlier removed
1/15/2007 7:00	outlier removed	outlier removed

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Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/15/2007 8:00	outlier removed	outlier removed
1/15/2007 9:00	outlier removed	outlier removed
1/15/2007 10:00	outlier removed	outlier removed
1/15/2007 11:00	outlier removed	outlier removed
1/15/2007 12:00	outlier removed	outlier removed
1/15/2007 13:00	outlier removed	outlier removed
1/15/2007 14:00	outlier removed	outlier removed
1/15/2007 15:00	outlier removed	outlier removed
1/15/2007 16:00	outlier removed	outlier removed
1/15/2007 17:00	outlier removed	outlier removed
1/15/2007 18:00	outlier removed	outlier removed
1/15/2007 19:00	outlier removed	outlier removed
1/15/2007 20:00	outlier removed	outlier removed
1/15/2007 21:00	outlier removed	outlier removed
1/15/2007 22:00	outlier removed	outlier removed
1/15/2007 23:00	outlier removed	outlier removed
1/16/2007 0:00	outlier removed	outlier removed
1/16/2007 1:00	outlier removed	outlier removed
1/16/2007 2:00	outlier removed	outlier removed
1/16/2007 3:00	outlier removed	outlier removed
1/16/2007 4:00	outlier removed	outlier removed
1/16/2007 5:00	outlier removed	outlier removed
1/16/2007 6:00	outlier removed	outlier removed
1/16/2007 7:00	outlier removed	outlier removed
1/16/2007 8:00	outlier removed	outlier removed
1/16/2007 9:00	outlier removed	outlier removed
1/16/2007 10:00	outlier removed	outlier removed
1/16/2007 11:00	outlier removed	outlier removed
1/16/2007 12:00	outlier removed	outlier removed
1/16/2007 13:00	outlier removed	outlier removed
1/16/2007 14:00	outlier removed	outlier removed
1/16/2007 15:00	outlier removed	outlier removed
1/16/2007 16:00	outlier removed	outlier removed
1/16/2007 17:00	outlier removed	outlier removed
1/16/2007 18:00	outlier removed	outlier removed
1/16/2007 19:00	outlier removed	outlier removed
1/16/2007 20:00	outlier removed	outlier removed
1/16/2007 21:00	outlier removed	outlier removed
1/16/2007 22:00	outlier removed	outlier removed
1/16/2007 23:00	outlier removed	outlier removed
1/17/2007 0:00	outlier removed	outlier removed
1/17/2007 1:00	outlier removed	outlier removed
1/17/2007 2:00	outlier removed	outlier removed

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Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/17/2007 3:00	outlier removed	outlier removed
1/17/2007 4:00	outlier removed	outlier removed
1/17/2007 5:00	outlier removed	outlier removed
1/17/2007 6:00	outlier removed	outlier removed
1/17/2007 7:00	outlier removed	outlier removed
1/17/2007 8:00	outlier removed	outlier removed
1/17/2007 9:00	outlier removed	outlier removed
1/17/2007 10:00	outlier removed	outlier removed
1/17/2007 11:00	outlier removed	outlier removed
1/17/2007 12:00	outlier removed	outlier removed
1/17/2007 13:00	outlier removed	outlier removed
1/17/2007 14:00	outlier removed	15.1
1/17/2007 15:00	13.1	12.7
1/17/2007 16:00	15.8	12.3
1/17/2007 17:00	17.7	20.5
1/17/2007 18:00	15.2	21.0
1/17/2007 19:00	22.4	15.4
1/17/2007 20:00	18.8	16.4
1/17/2007 21:00	25.3	13.9
1/17/2007 22:00	13.1	12.4
1/17/2007 23:00	10.8	12.0
1/18/2007 0:00	10.2	11.3
1/18/2007 1:00	14.7	11.8
1/18/2007 2:00	14.8	8.1
1/18/2007 3:00	21.0	8.6
1/18/2007 4:00	14.6	11.4
1/18/2007 5:00	21.1	13.3
1/18/2007 6:00	18.5	13.1
1/18/2007 7:00	23.8	13.8
1/18/2007 8:00	18.1	21.1
1/18/2007 9:00	20.8	17.0
1/18/2007 10:00	20.8	18.2
1/18/2007 11:00	17.9	19.5
1/18/2007 12:00	21.5	17.2
1/18/2007 13:00	19.1	14.5
1/18/2007 14:00	22.9	20.1
1/18/2007 15:00	29.0	23.3
1/18/2007 16:00	21.8	23.3
1/18/2007 17:00	21.5	18.4
1/18/2007 18:00	21.5	17.5
1/18/2007 19:00	22.8	23.1
1/18/2007 20:00	23.8	22.4
1/18/2007 21:00	23.6	20.1

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/18/2007 22:00	24.1	21.6
1/18/2007 23:00	12.7	20.1
1/19/2007 0:00	14.8	16.6
1/19/2007 1:00	15.7	15.0
1/19/2007 2:00	14.1	13.8
1/19/2007 3:00	12.1	12.3
1/19/2007 4:00	12.4	12.3
1/19/2007 5:00	15.8	20.2
1/19/2007 6:00	23.2	19.1
1/19/2007 7:00	17.3	16.6
1/19/2007 8:00	21.9	28.6
1/19/2007 9:00	28.5	23.5
1/19/2007 10:00	22.1	27.9
1/19/2007 11:00	17.7	18.2
1/19/2007 12:00	17.9	18.1
1/19/2007 13:00	17.8	16.5
1/19/2007 14:00	18.5	15.5
1/19/2007 15:00	19.2	11.4
1/19/2007 16:00	14.3	7.3
1/19/2007 17:00	10.0	11.2
1/19/2007 18:00	9.7	15.0
1/19/2007 19:00	13.8	16.2
1/19/2007 20:00	16.5	17.6
1/19/2007 21:00	16.2	21.0
1/19/2007 22:00	16.2	14.9
1/19/2007 23:00	13.4	11.8
1/20/2007 0:00	13.6	10.6
1/20/2007 1:00	15.8	12.8
1/20/2007 2:00	16.1	12.9
1/20/2007 3:00	17.3	9.8
1/20/2007 4:00	16.3	8.4
1/20/2007 5:00	22.4	11.7
1/20/2007 6:00	17.7	15.4
1/20/2007 7:00	14.2	14.9
1/20/2007 8:00	14.1	11.6
1/20/2007 9:00	18.0	12.5
1/20/2007 10:00	18.6	16.1
1/20/2007 11:00	15.9	14.9
1/20/2007 12:00	10.6	11.2
1/20/2007 13:00	6.4	10.0
1/20/2007 14:00	9.1	8.9
1/20/2007 15:00	13.5	9.8
1/20/2007 16:00	11.0	12.4

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/20/2007 17:00	13.8	13.7
1/20/2007 18:00	17.9	13.6
1/20/2007 19:00	28.2	15.1
1/20/2007 20:00	33.8	27.1
1/20/2007 21:00	22.8	19.6
1/20/2007 22:00	22.3	19.0
1/20/2007 23:00	27.9	29.2
1/21/2007 0:00	26.0	20.9
1/21/2007 1:00	21.8	12.5
1/21/2007 2:00	18.5	14.2
1/21/2007 3:00	17.7	21.4
1/21/2007 4:00	17.3	15.7
1/21/2007 5:00	17.5	17.0
1/21/2007 6:00	22.1	16.2
1/21/2007 7:00	17.7	15.7
1/21/2007 8:00	15.2	21.2
1/21/2007 9:00	13.7	12.1
1/21/2007 10:00	11.6	10.5
1/21/2007 11:00	7.3	7.7
1/21/2007 12:00	9.9	7.6
1/21/2007 13:00	11.8	11.0
1/21/2007 14:00	10.5	13.9
1/21/2007 15:00	13.1	15.3
1/21/2007 16:00	15.5	16.5
1/21/2007 17:00	15.6	16.4
1/21/2007 18:00	13.5	14.4
1/21/2007 19:00	14.4	12.7
1/21/2007 20:00	15.3	12.3
1/21/2007 21:00	13.3	14.3
1/21/2007 22:00	15.9	15.9
1/21/2007 23:00	16.6	16.8
1/22/2007 0:00	21.9	26.0
1/22/2007 1:00	18.4	22.4
1/22/2007 2:00	16.4	11.8
1/22/2007 3:00	23.9	22.6
1/22/2007 4:00	24.0	24.1
1/22/2007 5:00	19.8	22.9
1/22/2007 6:00	19.5	20.9
1/22/2007 7:00	22.2	25.7
1/22/2007 8:00	24.0	24.9
1/22/2007 9:00	22.8	26.3
1/22/2007 10:00	21.3	25.7
1/22/2007 11:00	26.9	27.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/22/2007 12:00	28.6	27.9
1/22/2007 13:00	29.2	16.4
1/22/2007 14:00	25.2	25.6
1/22/2007 15:00	23.3	18.8
1/22/2007 16:00	26.0	18.9
1/22/2007 17:00	20.4	17.7
1/22/2007 18:00	24.8	20.3
1/22/2007 19:00	23.6	25.3
1/22/2007 20:00	24.5	20.0
1/22/2007 21:00	14.6	22.7
1/22/2007 22:00	23.3	19.4
1/22/2007 23:00	26.3	25.4
1/23/2007 0:00	25.8	22.0
1/23/2007 1:00	22.4	20.4
1/23/2007 2:00	15.9	21.0
1/23/2007 3:00	22.7	20.6
1/23/2007 4:00	23.9	27.1
1/23/2007 5:00	22.1	24.9
1/23/2007 6:00	14.8	20.3
1/23/2007 7:00	16.9	18.8
1/23/2007 8:00	22.8	24.9
1/23/2007 9:00	28.2	28.7
1/23/2007 10:00	23.5	22.0
1/23/2007 11:00	30.9	19.1
1/23/2007 12:00	23.3	24.0
1/23/2007 13:00	25.6	21.7
1/23/2007 14:00	23.8	24.3
1/23/2007 15:00	19.4	21.0
1/23/2007 16:00	25.8	25.8
1/23/2007 17:00	24.3	24.2
1/23/2007 18:00	24.6	18.5
1/23/2007 19:00	29.3	22.8
1/23/2007 20:00	22.1	23.6
1/23/2007 21:00	23.3	21.3
1/23/2007 22:00	27.9	26.8
1/23/2007 23:00	26.5	26.1
1/24/2007 0:00	25.6	24.0
1/24/2007 1:00	21.1	23.2
1/24/2007 2:00	18.3	16.2
1/24/2007 3:00	16.6	17.2
1/24/2007 4:00	23.1	18.0
1/24/2007 5:00	19.2	16.0
1/24/2007 6:00	19.4	21.7

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/24/2007 7:00	18.3	18.4
1/24/2007 8:00	24.0	18.8
1/24/2007 9:00	22.8	24.5
1/24/2007 10:00	26.9	27.6
1/24/2007 11:00	16.2	19.0
1/24/2007 12:00	16.3	15.3
1/24/2007 13:00	14.1	14.7
1/24/2007 14:00	12.8	16.3
1/24/2007 15:00	14.4	13.6
1/24/2007 16:00	29.6	26.8
1/24/2007 17:00	25.8	27.7
1/24/2007 18:00	19.2	23.9
1/24/2007 19:00	15.8	22.0
1/24/2007 20:00	14.2	18.8
1/24/2007 21:00	16.6	19.0
1/24/2007 22:00	21.9	25.7
1/24/2007 23:00	33.2	22.4
1/25/2007 0:00	22.6	23.9
1/25/2007 1:00	18.7	20.6
1/25/2007 2:00	18.4	14.2
1/25/2007 3:00	15.6	14.0
1/25/2007 4:00	11.7	12.4
1/25/2007 5:00	10.8	9.3
1/25/2007 6:00	12.1	9.9
1/25/2007 7:00	10.8	13.7
1/25/2007 8:00	12.3	21.2
1/25/2007 9:00	16.1	20.5
1/25/2007 10:00	14.0	13.6
1/25/2007 11:00	14.4	14.0
1/25/2007 12:00	14.8	12.8
1/25/2007 13:00	11.9	10.6
1/25/2007 14:00	12.1	9.3
1/25/2007 15:00	11.4	7.5
1/25/2007 16:00	11.9	10.1
1/25/2007 17:00	12.3	11.4
1/25/2007 18:00	10.9	11.8
1/25/2007 19:00	12.1	13.0
1/25/2007 20:00	13.4	15.1
1/25/2007 21:00	14.8	16.4
1/25/2007 22:00	17.1	14.0
1/25/2007 23:00	28.5	13.9
1/26/2007 0:00	18.9	15.9
1/26/2007 1:00	29.4	17.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/26/2007 2:00	24.6	17.2
1/26/2007 3:00	19.0	15.5
1/26/2007 4:00	14.8	10.7
1/26/2007 5:00	11.9	11.1
1/26/2007 6:00	13.0	12.7
1/26/2007 7:00	15.7	11.0
1/26/2007 8:00	17.7	12.1
1/26/2007 9:00	13.8	10.9
1/26/2007 10:00	13.2	9.9
1/26/2007 11:00	26.5	14.6
1/26/2007 12:00	24.0	24.2
1/26/2007 13:00	24.9	22.9
1/26/2007 14:00	30.0	26.1
1/26/2007 15:00	33.0	28.3
1/26/2007 16:00	24.7	20.1
1/26/2007 17:00	25.9	22.6
1/26/2007 18:00	34.8	21.1
1/26/2007 19:00	23.2	24.3
1/26/2007 20:00	26.2	26.1
1/26/2007 21:00	18.9	22.8
1/26/2007 22:00	29.9	22.4
1/26/2007 23:00	26.7	27.5
1/27/2007 0:00	22.1	16.3
1/27/2007 1:00	20.2	21.8
1/27/2007 2:00	15.6	15.7
1/27/2007 3:00	16.9	20.2
1/27/2007 4:00	17.3	19.6
1/27/2007 5:00	17.9	17.8
1/27/2007 6:00	26.9	16.4
1/27/2007 7:00	33.6	28.0
1/27/2007 8:00	33.0	31.0
1/27/2007 9:00	38.2	43.3
1/27/2007 10:00	45.5	41.8
1/27/2007 11:00	38.8	47.3
1/27/2007 12:00	28.5	28.1
1/27/2007 13:00	22.4	19.4
1/27/2007 14:00	20.1	18.6
1/27/2007 15:00	17.7	16.5
1/27/2007 16:00	22.1	20.1
1/27/2007 17:00	18.5	21.4
1/27/2007 18:00	22.6	25.2
1/27/2007 19:00	25.2	23.7
1/27/2007 20:00	34.4	26.8

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/27/2007 21:00	23.0	17.8
1/27/2007 22:00	21.0	18.7
1/27/2007 23:00	23.9	25.0
1/28/2007 0:00	6.2	10.4
1/28/2007 1:00	5.6	11.3
1/28/2007 2:00	8.0	10.8
1/28/2007 3:00	9.7	9.3
1/28/2007 4:00	9.3	13.2
1/28/2007 5:00	7.8	16.2
1/28/2007 6:00	8.3	14.3
1/28/2007 7:00	15.1	13.4
1/28/2007 8:00	19.0	13.1
1/28/2007 9:00	17.0	13.0
1/28/2007 10:00	25.4	20.1
1/28/2007 11:00	19.2	18.0
1/28/2007 12:00	24.4	18.7
1/28/2007 13:00	17.8	18.0
1/28/2007 14:00	17.1	15.8
1/28/2007 15:00	17.7	14.2
1/28/2007 16:00	17.3	20.5
1/28/2007 17:00	15.1	13.8
1/28/2007 18:00	13.2	11.0
1/28/2007 19:00	6.3	12.6
1/28/2007 20:00	1.0	15.7
1/28/2007 21:00	6.3	13.8
1/28/2007 22:00	13.3	11.2
1/28/2007 23:00	16.2	10.9
1/29/2007 0:00	15.6	12.8
1/29/2007 1:00	16.8	12.7
1/29/2007 2:00	23.0	15.5
1/29/2007 3:00	20.1	17.2
1/29/2007 4:00	18.4	16.6
1/29/2007 5:00	21.0	16.8
1/29/2007 6:00	21.4	16.4
1/29/2007 7:00	17.5	15.5
1/29/2007 8:00	18.2	14.4
1/29/2007 9:00	20.3	15.2
1/29/2007 10:00	23.4	24.3
1/29/2007 11:00	21.5	21.6
1/29/2007 12:00	28.6	20.4
1/29/2007 13:00	19.7	19.4
1/29/2007 14:00	23.5	18.1
1/29/2007 15:00	17.1	14.7

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/29/2007 16:00	16.8	19.9
1/29/2007 17:00	16.7	16.1
1/29/2007 18:00	22.6	17.0
1/29/2007 19:00	24.8	17.7
1/29/2007 20:00	21.1	16.9
1/29/2007 21:00	20.2	15.5
1/29/2007 22:00	16.2	13.2
1/29/2007 23:00	17.1	15.7
1/30/2007 0:00	20.7	20.2
1/30/2007 1:00	22.7	21.1
1/30/2007 2:00	23.1	23.1
1/30/2007 3:00	19.4	22.3
1/30/2007 4:00	21.3	14.7
1/30/2007 5:00	21.7	19.8
1/30/2007 6:00	19.1	25.0
1/30/2007 7:00	27.6	26.5
1/30/2007 8:00	31.1	22.1
1/30/2007 9:00	33.8	25.5
1/30/2007 10:00	30.1	24.6
1/30/2007 11:00	24.6	28.9
1/30/2007 12:00	24.4	19.4
1/30/2007 13:00	31.6	27.0
1/30/2007 14:00	26.1	24.5
1/30/2007 15:00	21.2	18.8
1/30/2007 16:00	17.4	19.8
1/30/2007 17:00	17.7	20.3
1/30/2007 18:00	16.9	26.0
1/30/2007 19:00	23.7	25.8
1/30/2007 20:00	25.6	15.3
1/30/2007 21:00	26.1	23.3
1/30/2007 22:00	25.3	22.7
1/30/2007 23:00	21.1	27.1
1/31/2007 0:00	26.5	24.2
1/31/2007 1:00	24.2	25.0
1/31/2007 2:00	24.9	25.0
1/31/2007 3:00	30.7	23.9
1/31/2007 4:00	28.3	24.6
1/31/2007 5:00	22.0	26.7
1/31/2007 6:00	24.5	25.8
1/31/2007 7:00	27.3	27.2
1/31/2007 8:00	27.0	27.3
1/31/2007 9:00	31.2	4.7
1/31/2007 10:00	23.5	27.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
1/31/2007 11:00	31.2	15.4
1/31/2007 12:00	29.6	20.9
1/31/2007 13:00	18.5	20.6
1/31/2007 14:00	21.9	25.5
1/31/2007 15:00	22.6	25.2
1/31/2007 16:00	22.6	22.0
1/31/2007 17:00	27.0	29.6
1/31/2007 18:00	28.1	21.6
1/31/2007 19:00	25.6	22.0
1/31/2007 20:00	17.2	16.0
1/31/2007 21:00	24.2	17.0
1/31/2007 22:00	19.8	16.1
1/31/2007 23:00	19.8	13.9
2/1/2007 0:00	19.6	14.7
2/1/2007 1:00	19.6	25.0
2/1/2007 2:00	19.2	16.1
2/1/2007 3:00	17.0	20.2
2/1/2007 4:00	20.5	16.1
2/1/2007 5:00	25.2	22.3
2/1/2007 6:00	23.0	23.6
2/1/2007 7:00	24.5	21.4
2/1/2007 8:00	25.3	26.0
2/1/2007 9:00	30.1	26.8
2/1/2007 10:00	27.1	22.8
2/1/2007 11:00	23.6	27.4
2/1/2007 12:00	23.4	20.9
2/1/2007 13:00	28.4	22.4
2/1/2007 14:00	24.2	25.3
2/1/2007 15:00	20.3	20.5
2/1/2007 16:00	24.5	24.0
2/1/2007 17:00	21.5	21.8
2/1/2007 18:00	21.9	22.4
2/1/2007 19:00	22.3	23.4
2/1/2007 20:00	24.4	26.1
2/1/2007 21:00	25.3	25.3
2/1/2007 22:00	19.0	19.1
2/1/2007 23:00	26.0	25.3
2/2/2007 0:00	30.1	29.1
2/2/2007 1:00	26.6	30.1
2/2/2007 2:00	26.3	20.6
2/2/2007 3:00	27.1	30.0
2/2/2007 4:00	24.7	25.3
2/2/2007 5:00	23.0	29.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/2/2007 6:00	26.6	25.3
2/2/2007 7:00	19.0	25.1
2/2/2007 8:00	28.0	29.9
2/2/2007 9:00	34.7	31.6
2/2/2007 10:00	32.6	28.8
2/2/2007 11:00	35.4	22.6
2/2/2007 12:00	15.9	17.7
2/2/2007 13:00	16.7	16.4
2/2/2007 14:00	17.5	14.2
2/2/2007 15:00	16.5	14.9
2/2/2007 16:00	20.4	16.4
2/2/2007 17:00	18.8	26.7
2/2/2007 18:00	14.0	15.3
2/2/2007 19:00	21.6	16.9
2/2/2007 20:00	19.7	19.9
2/2/2007 21:00	23.1	19.7
2/2/2007 22:00	18.2	20.5
2/2/2007 23:00	20.9	21.2
2/3/2007 0:00	17.5	18.1
2/3/2007 1:00	15.9	15.3
2/3/2007 2:00	15.2	10.4
2/3/2007 3:00	16.7	9.4
2/3/2007 4:00	16.7	10.2
2/3/2007 5:00	12.9	12.6
2/3/2007 6:00	11.0	10.6
2/3/2007 7:00	14.8	8.2
2/3/2007 8:00	16.6	12.1
2/3/2007 9:00	14.6	12.8
2/3/2007 10:00	15.7	20.7
2/3/2007 11:00	16.9	21.3
2/3/2007 12:00	15.2	12.9
2/3/2007 13:00	14.2	12.2
2/3/2007 14:00	15.9	12.3
2/3/2007 15:00	15.1	10.4
2/3/2007 16:00	13.0	11.4
2/3/2007 17:00	14.8	13.6
2/3/2007 18:00	15.2	13.9
2/3/2007 19:00	15.7	15.7
2/3/2007 20:00	12.3	19.8
2/3/2007 21:00	10.4	9.2
2/3/2007 22:00	13.6	9.3
2/3/2007 23:00	25.6	11.6
2/4/2007 0:00	16.2	14.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/4/2007 1:00	17.6	14.1
2/4/2007 2:00	16.8	14.2
2/4/2007 3:00	16.3	15.2
2/4/2007 4:00	17.6	14.9
2/4/2007 5:00	18.5	14.5
2/4/2007 6:00	18.7	14.2
2/4/2007 7:00	16.3	14.2
2/4/2007 8:00	20.5	15.8
2/4/2007 9:00	19.5	15.8
2/4/2007 10:00	20.6	15.1
2/4/2007 11:00	20.0	13.4
2/4/2007 12:00	17.7	15.3
2/4/2007 13:00	17.6	16.4
2/4/2007 14:00	18.4	13.8
2/4/2007 15:00	17.4	16.1
2/4/2007 16:00	16.8	14.7
2/4/2007 17:00	17.6	14.8
2/4/2007 18:00	14.2	15.7
2/4/2007 19:00	15.5	12.9
2/4/2007 20:00	18.4	13.5
2/4/2007 21:00	18.4	12.3
2/4/2007 22:00	19.2	9.9
2/4/2007 23:00	15.8	10.9
2/5/2007 0:00	11.7	12.0
2/5/2007 1:00	11.5	13.7
2/5/2007 2:00	15.0	16.0
2/5/2007 3:00	17.6	15.1
2/5/2007 4:00	17.2	16.1
2/5/2007 5:00	16.8	15.3
2/5/2007 6:00	17.3	14.2
2/5/2007 7:00	17.4	21.0
2/5/2007 8:00	14.8	21.7
2/5/2007 9:00	14.5	14.3
2/5/2007 10:00	18.2	14.9
2/5/2007 11:00	20.2	12.1
2/5/2007 12:00	26.0	12.0
2/5/2007 13:00	15.9	12.9
2/5/2007 14:00	15.5	10.1
2/5/2007 15:00	14.7	6.9
2/5/2007 16:00	15.8	6.9
2/5/2007 17:00	18.1	12.4
2/5/2007 18:00	18.0	14.9
2/5/2007 19:00	16.3	12.4

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/5/2007 20:00	14.1	10.7
2/5/2007 21:00	22.2	14.4
2/5/2007 22:00	25.4	15.8
2/5/2007 23:00	22.4	20.6
2/6/2007 0:00	20.1	13.5
2/6/2007 1:00	20.4	15.6
2/6/2007 2:00	21.3	19.7
2/6/2007 3:00	26.6	20.8
2/6/2007 4:00	25.4	23.1
2/6/2007 5:00	23.9	17.7
2/6/2007 6:00	23.3	17.7
2/6/2007 7:00	17.6	17.7
2/6/2007 8:00	24.0	17.8
2/6/2007 9:00	25.9	16.9
2/6/2007 10:00	25.4	16.7
2/6/2007 11:00	21.9	15.8
2/6/2007 12:00	22.0	15.3
2/6/2007 13:00	23.0	14.4
2/6/2007 14:00	23.6	15.4
2/6/2007 15:00	16.7	15.0
2/6/2007 16:00	16.8	13.0
2/6/2007 17:00	22.2	13.2
2/6/2007 18:00	19.3	14.3
2/6/2007 19:00	23.4	17.3
2/6/2007 20:00	20.2	18.2
2/6/2007 21:00	14.9	16.4
2/6/2007 22:00	15.2	15.0
2/6/2007 23:00	17.3	14.5
2/7/2007 0:00	24.4	15.3
2/7/2007 1:00	22.2	26.3
2/7/2007 2:00	18.4	23.9
2/7/2007 3:00	18.6	23.7
2/7/2007 4:00	25.0	23.2
2/7/2007 5:00	27.4	28.8
2/7/2007 6:00	27.9	23.5
2/7/2007 7:00	27.1	22.7
2/7/2007 8:00	31.5	25.5
2/7/2007 9:00	29.9	26.4
2/7/2007 10:00	29.4	21.8
2/7/2007 11:00	26.8	19.0
2/7/2007 12:00	20.1	12.1
2/7/2007 13:00	15.1	5.4
2/7/2007 14:00	8.7	7.9

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/7/2007 15:00	6.8	8.4
2/7/2007 16:00	10.9	9.8
2/7/2007 17:00	13.8	10.5
2/7/2007 18:00	14.8	10.5
2/7/2007 19:00	14.1	14.5
2/7/2007 20:00	15.5	14.0
2/7/2007 21:00	14.3	10.8
2/7/2007 22:00	15.5	10.2
2/7/2007 23:00	17.0	12.6
2/8/2007 0:00	20.2	16.5
2/8/2007 1:00	27.2	23.0
2/8/2007 2:00	27.9	20.3
2/8/2007 3:00	28.3	26.8
2/8/2007 4:00	28.3	26.4
2/8/2007 5:00	31.7	27.0
2/8/2007 6:00	28.5	23.5
2/8/2007 7:00	30.4	27.1
2/8/2007 8:00	27.0	15.8
2/8/2007 9:00	18.0	14.0
2/8/2007 10:00	20.8	10.2
2/8/2007 11:00	21.1	9.7
2/8/2007 12:00	17.9	11.9
2/8/2007 13:00	17.1	10.7
2/8/2007 14:00	16.0	8.2
2/8/2007 15:00	22.2	9.2
2/8/2007 16:00	25.1	20.1
2/8/2007 17:00	26.0	17.7
2/8/2007 18:00	22.4	26.7
2/8/2007 19:00	21.1	24.8
2/8/2007 20:00	14.9	23.5
2/8/2007 21:00	22.4	18.0
2/8/2007 22:00	18.8	21.2
2/8/2007 23:00	26.7	26.0
2/9/2007 0:00	25.9	25.4
2/9/2007 1:00	21.2	27.4
2/9/2007 2:00	24.6	25.4
2/9/2007 3:00	27.1	17.5
2/9/2007 4:00	27.2	26.6
2/9/2007 5:00	24.9	21.9
2/9/2007 6:00	25.2	17.6
2/9/2007 7:00	25.1	20.1
2/9/2007 8:00	30.3	26.0
2/9/2007 9:00	25.3	20.2

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/9/2007 10:00	25.2	23.8
2/9/2007 11:00	25.7	11.6
2/9/2007 12:00	16.2	12.7
2/9/2007 13:00	15.4	9.5
2/9/2007 14:00	29.7	6.0
2/9/2007 15:00	11.1	9.6
2/9/2007 16:00	11.8	12.9
2/9/2007 17:00	11.8	14.1
2/9/2007 18:00	10.5	10.7
2/9/2007 19:00	11.8	7.6
2/9/2007 20:00	16.4	11.9
2/9/2007 21:00	18.1	14.0
2/9/2007 22:00	21.9	14.0
2/9/2007 23:00	16.3	16.5
2/10/2007 0:00	15.3	15.2
2/10/2007 1:00	13.5	13.1
2/10/2007 2:00	8.4	13.5
2/10/2007 3:00	6.7	13.7
2/10/2007 4:00	12.7	11.2
2/10/2007 5:00	16.0	13.6
2/10/2007 6:00	24.4	23.8
2/10/2007 7:00	24.4	21.2
2/10/2007 8:00	32.8	27.9
2/10/2007 9:00	22.8	23.0
2/10/2007 10:00	19.0	22.6
2/10/2007 11:00	22.2	11.0
2/10/2007 12:00	22.5	9.2
2/10/2007 13:00	16.7	6.1
2/10/2007 14:00	18.2	10.3
2/10/2007 15:00	14.3	12.5
2/10/2007 16:00	11.2	7.3
2/10/2007 17:00	12.2	8.8
2/10/2007 18:00	11.8	9.4
2/10/2007 19:00	13.5	12.9
2/10/2007 20:00	23.9	22.2
2/10/2007 21:00	25.9	33.1
2/10/2007 22:00	26.6	28.6
2/10/2007 23:00	28.9	29.8
2/11/2007 0:00	23.4	29.4
2/11/2007 1:00	30.4	29.9
2/11/2007 2:00	31.3	29.1
2/11/2007 3:00	30.6	28.3
2/11/2007 4:00	32.0	27.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/11/2007 5:00	31.7	29.6
2/11/2007 6:00	32.2	25.5
2/11/2007 7:00	30.3	27.5
2/11/2007 8:00	29.4	30.1
2/11/2007 9:00	29.1	23.8
2/11/2007 10:00	25.8	21.9
2/11/2007 11:00	30.3	23.4
2/11/2007 12:00	23.6	19.9
2/11/2007 13:00	24.7	18.1
2/11/2007 14:00	22.3	17.7
2/11/2007 15:00	22.3	18.1
2/11/2007 16:00	20.1	17.0
2/11/2007 17:00	12.7	16.7
2/11/2007 18:00	13.3	21.8
2/11/2007 19:00	14.3	13.6
2/11/2007 20:00	15.7	14.7
2/11/2007 21:00	17.5	21.3
2/11/2007 22:00	22.9	18.4
2/11/2007 23:00	23.3	20.4
2/12/2007 0:00	24.1	22.7
2/12/2007 1:00	26.7	29.2
2/12/2007 2:00	26.4	25.0
2/12/2007 3:00	25.8	22.0
2/12/2007 4:00	27.0	24.8
2/12/2007 5:00	24.2	21.4
2/12/2007 6:00	32.3	28.8
2/12/2007 7:00	34.2	26.8
2/12/2007 8:00	31.5	32.1
2/12/2007 9:00	42.3	42.2
2/12/2007 10:00	42.6	33.2
2/12/2007 11:00	41.1	27.2
2/12/2007 12:00	41.6	33.5
2/12/2007 13:00	40.9	43.9
2/12/2007 14:00	29.8	38.0
2/12/2007 15:00	26.0	30.9
2/12/2007 16:00	28.6	40.6
2/12/2007 17:00	26.7	33.5
2/12/2007 18:00	25.8	34.0
2/12/2007 19:00	26.7	34.2
2/12/2007 20:00	18.5	22.1
2/12/2007 21:00	15.7	15.4
2/12/2007 22:00	14.1	16.3
2/12/2007 23:00	12.5	16.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/13/2007 0:00	5.8	12.7
2/13/2007 1:00	5.5	9.9
2/13/2007 2:00	7.2	11.0
2/13/2007 3:00	8.8	9.9
2/13/2007 4:00	10.9	9.7
2/13/2007 5:00	7.0	12.3
2/13/2007 6:00	6.4	11.8
2/13/2007 7:00	9.1	9.2
2/13/2007 8:00	10.9	11.0
2/13/2007 9:00	10.4	14.6
2/13/2007 10:00	9.5	13.4
2/13/2007 11:00	11.8	12.5
2/13/2007 12:00	12.9	10.8
2/13/2007 13:00	10.6	11.2
2/13/2007 14:00	14.0	14.2
2/13/2007 15:00	15.6	12.3
2/13/2007 16:00	14.0	12.0
2/13/2007 17:00	24.5	16.2
2/13/2007 18:00	21.2	17.2
2/13/2007 19:00	10.1	20.8
2/13/2007 20:00	13.3	8.5
2/13/2007 21:00	15.3	12.8
2/13/2007 22:00	14.6	15.1
2/13/2007 23:00	17.3	11.2
2/14/2007 0:00	15.5	10.5
2/14/2007 1:00	11.3	11.5
2/14/2007 2:00	11.0	8.4
2/14/2007 3:00	12.1	7.2
2/14/2007 4:00	9.3	7.9
2/14/2007 5:00	4.1	6.9
2/14/2007 6:00	5.5	7.9
2/14/2007 7:00	7.2	7.5
2/14/2007 8:00	8.5	8.4
2/14/2007 9:00	10.4	11.2
2/14/2007 10:00	10.8	11.5
2/14/2007 11:00	9.1	10.9
2/14/2007 12:00	12.0	9.3
2/14/2007 13:00	13.8	8.4
2/14/2007 14:00	12.1	8.8
2/14/2007 15:00	11.3	9.2
2/14/2007 16:00	10.3	8.1
2/14/2007 17:00	12.6	10.5
2/14/2007 18:00	10.2	13.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/14/2007 19:00	7.6	15.7
2/14/2007 20:00	20.4	18.1
2/14/2007 21:00	9.7	22.1
2/14/2007 22:00	22.8	24.4
2/14/2007 23:00	25.4	19.8
2/15/2007 0:00	19.5	15.6
2/15/2007 1:00	16.5	17.4
2/15/2007 2:00	10.8	16.0
2/15/2007 3:00	11.2	11.6
2/15/2007 4:00	16.0	9.7
2/15/2007 5:00	18.5	9.1
2/15/2007 6:00	27.5	14.3
2/15/2007 7:00	27.2	23.1
2/15/2007 8:00	20.4	19.0
2/15/2007 9:00	22.8	18.6
2/15/2007 10:00	16.1	18.4
2/15/2007 11:00	22.9	13.5
2/15/2007 12:00	15.4	8.0
2/15/2007 13:00	12.1	8.1
2/15/2007 14:00	12.3	7.0
2/15/2007 15:00	14.7	8.1
2/15/2007 16:00	21.5	11.9
2/15/2007 17:00	13.0	10.5
2/15/2007 18:00	12.7	6.4
2/15/2007 19:00	15.9	6.2
2/15/2007 20:00	17.1	7.5
2/15/2007 21:00	14.8	9.6
2/15/2007 22:00	13.6	12.4
2/15/2007 23:00	9.9	13.8
2/16/2007 0:00	10.3	13.8
2/16/2007 1:00	13.7	20.5
2/16/2007 2:00	12.7	12.7
2/16/2007 3:00	11.4	12.3
2/16/2007 4:00	15.0	13.0
2/16/2007 5:00	15.7	15.8
2/16/2007 6:00	25.4	23.1
2/16/2007 7:00	32.1	23.9
2/16/2007 8:00	28.0	24.7
2/16/2007 9:00	27.4	24.2
2/16/2007 10:00	27.0	23.9
2/16/2007 11:00	30.1	20.7
2/16/2007 12:00	27.1	23.9
2/16/2007 13:00	31.0	17.3

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/16/2007 14:00	33.6	21.2
2/16/2007 15:00	35.4	25.0
2/16/2007 16:00	30.1	28.0
2/16/2007 17:00	27.3	23.3
2/16/2007 18:00	27.8	17.3
2/16/2007 19:00	29.9	23.6
2/16/2007 20:00	26.0	25.6
2/16/2007 21:00	13.3	22.0
2/16/2007 22:00	29.5	21.8
2/16/2007 23:00	34.9	27.7
2/17/2007 0:00	36.6	23.7
2/17/2007 1:00	30.3	31.2
2/17/2007 2:00	32.2	26.5
2/17/2007 3:00	31.5	35.5
2/17/2007 4:00	35.7	25.0
2/17/2007 5:00	31.4	24.8
2/17/2007 6:00	28.1	22.1
2/17/2007 7:00	34.9	27.6
2/17/2007 8:00	34.1	30.5
2/17/2007 9:00	37.1	29.0
2/17/2007 10:00	36.4	29.3
2/17/2007 11:00	34.9	28.1
2/17/2007 12:00	29.8	28.6
2/17/2007 13:00	35.6	31.7
2/17/2007 14:00	40.5	36.6
2/17/2007 15:00	32.3	30.5
2/17/2007 16:00	35.0	36.3
2/17/2007 17:00	29.4	31.7
2/17/2007 18:00	38.3	29.8
2/17/2007 19:00	27.3	21.8
2/17/2007 20:00	24.5	27.7
2/17/2007 21:00	27.7	27.2
2/17/2007 22:00	30.5	33.3
2/17/2007 23:00	22.4	28.1
2/18/2007 0:00	15.6	12.5
2/18/2007 1:00	14.0	14.3
2/18/2007 2:00	14.2	16.5
2/18/2007 3:00	15.6	17.5
2/18/2007 4:00	15.7	18.6
2/18/2007 5:00	17.4	17.1
2/18/2007 6:00	16.9	13.5
2/18/2007 7:00	14.3	9.5
2/18/2007 8:00	15.0	9.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/18/2007 9:00	15.2	13.8
2/18/2007 10:00	10.6	12.1
2/18/2007 11:00	8.0	9.4
2/18/2007 12:00	9.0	8.4
2/18/2007 13:00	10.9	6.9
2/18/2007 14:00	12.2	9.3
2/18/2007 15:00	10.6	10.9
2/18/2007 16:00	8.6	10.8
2/18/2007 17:00	8.3	11.2
2/18/2007 18:00	9.8	10.9
2/18/2007 19:00	12.3	9.7
2/18/2007 20:00	23.8	13.5
2/18/2007 21:00	22.9	24.0
2/18/2007 22:00	31.1	15.6
2/18/2007 23:00	26.7	25.5
2/19/2007 0:00	16.2	23.6
2/19/2007 1:00	25.1	26.8
2/19/2007 2:00	19.4	22.7
2/19/2007 3:00	21.5	13.1
2/19/2007 4:00	16.5	14.4
2/19/2007 5:00	15.7	15.8
2/19/2007 6:00	13.9	15.2
2/19/2007 7:00	15.4	15.7
2/19/2007 8:00	18.4	20.2
2/19/2007 9:00	21.8	17.9
2/19/2007 10:00	15.5	15.5
2/19/2007 11:00	26.9	21.7
2/19/2007 12:00	22.2	14.0
2/19/2007 13:00	17.1	15.1
2/19/2007 14:00	17.3	17.4
2/19/2007 15:00	23.7	21.7
2/19/2007 16:00	24.3	24.0
2/19/2007 17:00	27.5	23.3
2/19/2007 18:00	19.6	20.5
2/19/2007 19:00	16.3	26.8
2/19/2007 20:00	14.1	16.1
2/19/2007 21:00	14.2	15.5
2/19/2007 22:00	13.8	15.3
2/19/2007 23:00	12.1	14.8
2/20/2007 0:00	9.6	15.3
2/20/2007 1:00	10.0	15.6
2/20/2007 2:00	13.2	14.7
2/20/2007 3:00	12.6	12.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/20/2007 4:00	12.1	11.4
2/20/2007 5:00	13.3	20.9
2/20/2007 6:00	13.8	15.5
2/20/2007 7:00	16.6	14.4
2/20/2007 8:00	16.8	15.6
2/20/2007 9:00	24.8	17.2
2/20/2007 10:00	27.0	17.7
2/20/2007 11:00	23.2	22.8
2/20/2007 12:00	28.6	20.3
2/20/2007 13:00	28.7	24.1
2/20/2007 14:00	28.4	31.5
2/20/2007 15:00	33.5	32.5
2/20/2007 16:00	33.7	37.2
2/20/2007 17:00	31.7	39.9
2/20/2007 18:00	27.9	32.0
2/20/2007 19:00	35.5	46.6
2/20/2007 20:00	33.3	47.3
2/20/2007 21:00	40.6	39.5
2/20/2007 22:00	39.2	44.3
2/20/2007 23:00	38.3	36.4
2/21/2007 0:00	27.0	32.6
2/21/2007 1:00	28.8	32.6
2/21/2007 2:00	34.2	35.0
2/21/2007 3:00	37.5	31.8
2/21/2007 4:00	37.3	26.4
2/21/2007 5:00	46.8	37.7
2/21/2007 6:00	47.6	27.5
2/21/2007 7:00	27.5	24.3
2/21/2007 8:00	25.6	21.3
2/21/2007 9:00	21.6	25.1
2/21/2007 10:00	26.3	24.3
2/21/2007 11:00	35.2	21.9
2/21/2007 12:00	39.2	30.1
2/21/2007 13:00	41.7	40.5
2/21/2007 14:00	41.2	33.3
2/21/2007 15:00	36.3	32.9
2/21/2007 16:00	39.2	40.0
2/21/2007 17:00	47.7	40.9
2/21/2007 18:00	47.3	45.4
2/21/2007 19:00	47.9	32.7
2/21/2007 20:00	38.6	31.3
2/21/2007 21:00	35.6	30.0
2/21/2007 22:00	38.3	33.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/21/2007 23:00	41.6	39.4
2/22/2007 0:00	41.5	38.1
2/22/2007 1:00	41.1	44.6
2/22/2007 2:00	51.1	50.9
2/22/2007 3:00	39.1	37.2
2/22/2007 4:00	30.0	40.7
2/22/2007 5:00	29.5	36.3
2/22/2007 6:00	33.8	38.7
2/22/2007 7:00	36.1	40.7
2/22/2007 8:00	37.8	37.2
2/22/2007 9:00	28.7	27.3
2/22/2007 10:00	20.0	14.3
2/22/2007 11:00	16.0	15.3
2/22/2007 12:00	16.0	16.0
2/22/2007 13:00	16.1	15.1
2/22/2007 14:00	13.4	12.6
2/22/2007 15:00	10.6	12.3
2/22/2007 16:00	24.9	15.4
2/22/2007 17:00	13.3	15.4
2/22/2007 18:00	9.3	12.6
2/22/2007 19:00	6.6	10.4
2/22/2007 20:00	9.5	10.4
2/22/2007 21:00	8.9	13.6
2/22/2007 22:00	4.5	12.3
2/22/2007 23:00	4.1	7.6
2/23/2007 0:00	9.1	9.3
2/23/2007 1:00	12.0	9.7
2/23/2007 2:00	9.1	8.0
2/23/2007 3:00	4.8	9.7
2/23/2007 4:00	4.0	12.7
2/23/2007 5:00	3.3	9.8
2/23/2007 6:00	4.5	8.1
2/23/2007 7:00	7.4	7.5
2/23/2007 8:00	10.4	7.3
2/23/2007 9:00	13.6	9.5
2/23/2007 10:00	11.2	10.0
2/23/2007 11:00	7.0	10.5
2/23/2007 12:00	11.2	9.3
2/23/2007 13:00	17.0	10.1
2/23/2007 14:00	13.9	14.3
2/23/2007 15:00	7.0	13.4
2/23/2007 16:00	11.0	9.7
2/23/2007 17:00	15.8	12.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/23/2007 18:00	10.1	15.4
2/23/2007 19:00	11.2	15.9
2/23/2007 20:00	15.6	15.4
2/23/2007 21:00	15.2	12.0
2/23/2007 22:00	12.9	10.6
2/23/2007 23:00	12.4	11.9
2/24/2007 0:00	7.6	11.9
2/24/2007 1:00	4.8	12.5
2/24/2007 2:00	12.0	12.8
2/24/2007 3:00	13.0	12.0
2/24/2007 4:00	10.6	10.6
2/24/2007 5:00	13.3	11.3
2/24/2007 6:00	21.0	26.1
2/24/2007 7:00	13.3	16.5
2/24/2007 8:00	11.8	12.8
2/24/2007 9:00	10.2	11.2
2/24/2007 10:00	12.4	13.9
2/24/2007 11:00	16.0	15.7
2/24/2007 12:00	14.1	14.5
2/24/2007 13:00	10.2	8.5
2/24/2007 14:00	11.7	9.2
2/24/2007 15:00	14.7	12.5
2/24/2007 16:00	17.3	13.1
2/24/2007 17:00	18.5	16.6
2/24/2007 18:00	13.5	14.9
2/24/2007 19:00	11.0	10.9
2/24/2007 20:00	10.5	9.8
2/24/2007 21:00	8.3	12.3
2/24/2007 22:00	11.7	14.6
2/24/2007 23:00	16.0	15.1
2/25/2007 0:00	14.1	12.5
2/25/2007 1:00	11.5	10.6
2/25/2007 2:00	11.6	13.1
2/25/2007 3:00	13.7	14.0
2/25/2007 4:00	15.4	14.4
2/25/2007 5:00	13.2	13.1
2/25/2007 6:00	13.9	12.3
2/25/2007 7:00	15.2	14.0
2/25/2007 8:00	9.6	15.5
2/25/2007 9:00	9.1	14.3
2/25/2007 10:00	11.4	12.3
2/25/2007 11:00	8.9	12.9
2/25/2007 12:00	6.9	11.9

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/25/2007 13:00	8.1	9.6
2/25/2007 14:00	9.8	9.7
2/25/2007 15:00	8.7	8.7
2/25/2007 16:00	11.2	12.5
2/25/2007 17:00	11.2	15.4
2/25/2007 18:00	10.6	15.0
2/25/2007 19:00	13.5	14.7
2/25/2007 20:00	14.1	9.9
2/25/2007 21:00	13.2	10.9
2/25/2007 22:00	10.9	14.7
2/25/2007 23:00	11.4	16.0
2/26/2007 0:00	24.0	17.2
2/26/2007 1:00	20.8	18.0
2/26/2007 2:00	23.0	20.9
2/26/2007 3:00	13.5	15.9
2/26/2007 4:00	13.9	16.4
2/26/2007 5:00	13.9	19.6
2/26/2007 6:00	11.2	17.5
2/26/2007 7:00	21.0	16.0
2/26/2007 8:00	15.3	16.1
2/26/2007 9:00	22.2	16.3
2/26/2007 10:00	20.4	14.4
2/26/2007 11:00	19.0	19.8
2/26/2007 12:00	18.0	16.6
2/26/2007 13:00	20.3	15.3
2/26/2007 14:00	19.6	15.7
2/26/2007 15:00	25.1	16.9
2/26/2007 16:00	21.0	19.9
2/26/2007 17:00	23.1	16.2
2/26/2007 18:00	23.9	17.4
2/26/2007 19:00	22.7	17.5
2/26/2007 20:00	26.2	24.1
2/26/2007 21:00	29.2	17.7
2/26/2007 22:00	32.4	21.6
2/26/2007 23:00	29.3	31.7
2/27/2007 0:00	32.1	29.0
2/27/2007 1:00	27.0	25.5
2/27/2007 2:00	25.1	23.9
2/27/2007 3:00	29.9	24.9
2/27/2007 4:00	25.4	22.9
2/27/2007 5:00	22.6	21.4
2/27/2007 6:00	28.9	25.2
2/27/2007 7:00	27.8	24.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
2/27/2007 8:00	29.7	31.1
2/27/2007 9:00	31.5	27.7
2/27/2007 10:00	35.8	34.3
2/27/2007 11:00	31.9	28.7
2/27/2007 12:00	27.1	29.6
2/27/2007 13:00	28.6	24.2
2/27/2007 14:00	37.2	19.9
2/27/2007 15:00	29.6	25.6
2/27/2007 16:00	25.9	27.5
2/27/2007 17:00	26.2	24.9
2/27/2007 18:00	22.6	21.8
2/27/2007 19:00	34.3	21.0
2/27/2007 20:00	31.1	22.7
2/27/2007 21:00	28.6	29.4
2/27/2007 22:00	38.6	34.6
2/27/2007 23:00	37.3	29.9
2/28/2007 0:00	39.5	38.4
2/28/2007 1:00	40.9	40.5
2/28/2007 2:00	44.4	41.0
2/28/2007 3:00	38.7	41.2
2/28/2007 4:00	33.1	33.7
2/28/2007 5:00	34.6	33.1
2/28/2007 6:00	33.4	33.1
2/28/2007 7:00	34.8	28.1
2/28/2007 8:00	44.9	43.5
2/28/2007 9:00	40.7	39.1
2/28/2007 10:00	38.3	33.9
2/28/2007 11:00	37.0	31.3
2/28/2007 12:00	28.9	27.2
2/28/2007 13:00	27.8	29.4
2/28/2007 14:00	25.8	26.6
2/28/2007 15:00	24.8	25.1
2/28/2007 16:00	30.5	25.9
2/28/2007 17:00	29.0	25.5
2/28/2007 18:00	28.1	35.7
2/28/2007 19:00	32.0	38.3
2/28/2007 20:00	38.8	34.8
2/28/2007 21:00	39.8	41.5
2/28/2007 22:00	41.1	48.2
2/28/2007 23:00	41.4	45.9
3/1/2007 0:00	30.8	36.7
3/1/2007 1:00	26.4	35.0
3/1/2007 2:00	28.4	26.8

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/1/2007 3:00	26.2	20.9
3/1/2007 4:00	20.8	17.1
3/1/2007 5:00	17.6	20.1
3/1/2007 6:00	23.6	17.9
3/1/2007 7:00	18.1	18.1
3/1/2007 8:00	21.0	28.2
3/1/2007 9:00	25.9	26.6
3/1/2007 10:00	23.8	29.2
3/1/2007 11:00	28.1	28.1
3/1/2007 12:00	25.5	27.1
3/1/2007 13:00	20.8	22.8
3/1/2007 14:00	20.1	26.8
3/1/2007 15:00	13.5	23.2
3/1/2007 16:00	15.9	22.3
3/1/2007 17:00	21.6	18.1
3/1/2007 18:00	20.5	26.0
3/1/2007 19:00	20.5	26.0
3/1/2007 20:00	20.6	20.6
3/1/2007 21:00	22.6	40.0
3/1/2007 22:00	26.3	44.9
3/1/2007 23:00	24.2	31.6
3/2/2007 0:00	27.7	33.4
3/2/2007 1:00	26.3	45.0
3/2/2007 2:00	21.3	33.5
3/2/2007 3:00	13.3	18.6
3/2/2007 4:00	13.3	21.3
3/2/2007 5:00	11.9	16.6
3/2/2007 6:00	12.0	17.6
3/2/2007 7:00	12.5	14.7
3/2/2007 8:00	15.4	19.9
3/2/2007 9:00	17.0	14.7
3/2/2007 10:00	15.0	14.5
3/2/2007 11:00	12.4	11.8
3/2/2007 12:00	10.0	11.3
3/2/2007 13:00	12.0	14.2
3/2/2007 14:00	14.8	12.3
3/2/2007 15:00	17.3	9.2
3/2/2007 16:00	16.3	13.6
3/2/2007 17:00	14.5	19.9
3/2/2007 18:00	15.4	16.0
3/2/2007 19:00	15.1	16.4
3/2/2007 20:00	11.7	14.5
3/2/2007 21:00	10.8	10.2

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/2/2007 22:00	9.9	8.7
3/2/2007 23:00	9.1	11.7
3/3/2007 0:00	12.0	11.6
3/3/2007 1:00	11.4	9.7
3/3/2007 2:00	11.5	8.5
3/3/2007 3:00	11.2	11.0
3/3/2007 4:00	9.3	14.9
3/3/2007 5:00	9.5	12.6
3/3/2007 6:00	12.1	11.0
3/3/2007 7:00	14.7	13.1
3/3/2007 8:00	11.8	13.2
3/3/2007 9:00	8.6	11.1
3/3/2007 10:00	10.0	11.0
3/3/2007 11:00	12.8	10.1
3/3/2007 12:00	12.8	10.1
3/3/2007 13:00	10.6	10.3
3/3/2007 14:00	11.2	10.0
3/3/2007 15:00	11.7	10.6
3/3/2007 16:00	10.0	10.4
3/3/2007 17:00	12.8	11.4
3/3/2007 18:00	17.1	15.7
3/3/2007 19:00	16.0	19.0
3/3/2007 20:00	12.8	15.5
3/3/2007 21:00	9.8	11.6
3/3/2007 22:00	9.1	10.2
3/3/2007 23:00	8.3	9.1
3/4/2007 0:00	7.3	8.5
3/4/2007 1:00	7.3	12.3
3/4/2007 2:00	5.3	12.0
3/4/2007 3:00	6.7	11.0
3/4/2007 4:00	9.8	13.6
3/4/2007 5:00	11.6	9.9
3/4/2007 6:00	10.0	9.1
3/4/2007 7:00	5.5	9.0
3/4/2007 8:00	6.7	9.9
3/4/2007 9:00	8.2	9.1
3/4/2007 10:00	7.6	7.1
3/4/2007 11:00	7.0	9.2
3/4/2007 12:00	6.8	10.1
3/4/2007 13:00	5.0	8.2
3/4/2007 14:00	6.7	7.2
3/4/2007 15:00	12.0	10.6
3/4/2007 16:00	13.9	13.1

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/4/2007 17:00	15.4	13.2
3/4/2007 18:00	13.6	11.7
3/4/2007 19:00	14.0	11.1
3/4/2007 20:00	14.6	11.8
3/4/2007 21:00	20.4	13.9
3/4/2007 22:00	12.1	15.5
3/4/2007 23:00	14.4	13.2
3/5/2007 0:00	15.2	15.6
3/5/2007 1:00	16.3	16.8
3/5/2007 2:00	17.0	13.8
3/5/2007 3:00	16.2	13.7
3/5/2007 4:00	18.5	20.1
3/5/2007 5:00	17.9	19.5
3/5/2007 6:00	15.8	21.2
3/5/2007 7:00	24.6	21.5
3/5/2007 8:00	26.0	23.1
3/5/2007 9:00	20.9	16.8
3/5/2007 10:00	13.7	13.8
3/5/2007 11:00	12.2	10.3
3/5/2007 12:00	8.7	13.8
3/5/2007 13:00	7.0	15.1
3/5/2007 14:00	7.8	9.9
3/5/2007 15:00	9.5	6.8
3/5/2007 16:00	12.6	5.3
3/5/2007 17:00	13.1	8.8
3/5/2007 18:00	13.1	15.1
3/5/2007 19:00	14.9	16.8
3/5/2007 20:00	12.0	12.7
3/5/2007 21:00	7.8	9.0
3/5/2007 22:00	7.4	9.6
3/5/2007 23:00	8.6	10.6
3/6/2007 0:00	8.9	9.0
3/6/2007 1:00	8.1	8.6
3/6/2007 2:00	8.6	8.8
3/6/2007 3:00	11.5	6.2
3/6/2007 4:00	11.0	4.9
3/6/2007 5:00	9.5	5.2
3/6/2007 6:00	9.9	9.1
3/6/2007 7:00	12.3	11.3
3/6/2007 8:00	13.1	10.8
3/6/2007 9:00	9.3	11.6
3/6/2007 10:00	9.2	10.3
3/6/2007 11:00	10.1	11.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/6/2007 12:00	10.5	10.8
3/6/2007 13:00	9.3	8.8
3/6/2007 14:00	8.8	10.1
3/6/2007 15:00	14.3	11.4
3/6/2007 16:00	15.4	11.3
3/6/2007 17:00	12.6	10.5
3/6/2007 18:00	15.4	10.8
3/6/2007 19:00	15.4	11.0
3/6/2007 20:00	13.8	10.4
3/6/2007 21:00	14.2	13.8
3/6/2007 22:00	13.8	14.9
3/6/2007 23:00	16.0	11.6
3/7/2007 0:00	17.1	10.8
3/7/2007 1:00	21.7	12.8
3/7/2007 2:00	14.5	14.6
3/7/2007 3:00	15.0	15.0
3/7/2007 4:00	14.8	14.7
3/7/2007 5:00	10.4	15.7
3/7/2007 6:00	10.9	16.2
3/7/2007 7:00	14.4	12.4
3/7/2007 8:00	13.2	10.8
3/7/2007 9:00	11.8	12.9
3/7/2007 10:00	12.9	14.4
3/7/2007 11:00	14.6	12.3
3/7/2007 12:00	15.3	11.4
3/7/2007 13:00	24.2	13.8
3/7/2007 14:00	18.8	15.7
3/7/2007 15:00	18.3	17.2
3/7/2007 16:00	18.7	17.2
3/7/2007 17:00	19.3	16.5
3/7/2007 18:00	22.1	23.0
3/7/2007 19:00	23.3	25.5
3/7/2007 20:00	28.6	16.9
3/7/2007 21:00	29.4	22.3
3/7/2007 22:00	20.1	24.6
3/7/2007 23:00	27.6	20.9
3/8/2007 0:00	21.3	17.5
3/8/2007 1:00	23.2	21.8
3/8/2007 2:00	23.1	17.5
3/8/2007 3:00	29.0	21.2
3/8/2007 4:00	30.4	25.5
3/8/2007 5:00	32.0	24.8
3/8/2007 6:00	31.7	28.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/8/2007 7:00	37.0	37.1
3/8/2007 8:00	42.4	44.8
3/8/2007 9:00	46.8	43.3
3/8/2007 10:00	55.8	48.9
3/8/2007 11:00	52.8	38.5
3/8/2007 12:00	52.1	36.3
3/8/2007 13:00	37.0	32.2
3/8/2007 14:00	25.9	23.2
3/8/2007 15:00	28.8	22.8
3/8/2007 16:00	19.5	23.5
3/8/2007 17:00	19.5	24.7
3/8/2007 18:00	29.2	26.3
3/8/2007 19:00	25.8	28.1
3/8/2007 20:00	33.6	36.0
3/8/2007 21:00	29.3	25.7
3/8/2007 22:00	27.9	25.9
3/8/2007 23:00	24.9	26.4
3/9/2007 0:00	26.9	22.3
3/9/2007 1:00	23.1	22.2
3/9/2007 2:00	20.9	21.8
3/9/2007 3:00	17.9	18.1
3/9/2007 4:00	14.5	16.0
3/9/2007 5:00	12.9	15.2
3/9/2007 6:00	25.6	17.9
3/9/2007 7:00	28.6	30.9
3/9/2007 8:00	35.4	41.4
3/9/2007 9:00	33.2	25.6
3/9/2007 10:00	30.5	25.1
3/9/2007 11:00	23.5	25.4
3/9/2007 12:00	23.2	18.5
3/9/2007 13:00	23.1	18.3
3/9/2007 14:00	19.0	21.5
3/9/2007 15:00	18.9	19.8
3/9/2007 16:00	23.9	23.2
3/9/2007 17:00	22.1	27.8
3/9/2007 18:00	34.1	29.8
3/9/2007 19:00	39.2	35.6
3/9/2007 20:00	32.5	45.6
3/9/2007 21:00	29.1	33.5
3/9/2007 22:00	29.5	40.8
3/9/2007 23:00	36.9	32.4
3/10/2007 0:00	41.0	40.2
3/10/2007 1:00	38.1	36.8

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/10/2007 2:00	33.1	37.7
3/10/2007 3:00	36.4	38.8
3/10/2007 4:00	45.0	40.4
3/10/2007 5:00	47.6	46.9
3/10/2007 6:00	46.0	45.5
3/10/2007 7:00	47.0	41.5
3/10/2007 8:00	45.9	49.1
3/10/2007 9:00	36.1	39.6
3/10/2007 10:00	42.5	37.7
3/10/2007 11:00	45.9	45.6
3/10/2007 12:00	45.3	41.3
3/10/2007 13:00	33.4	29.9
3/10/2007 14:00	23.0	25.8
3/10/2007 15:00	23.1	22.6
3/10/2007 16:00	15.4	14.7
3/10/2007 17:00	16.0	15.3
3/10/2007 18:00	13.4	12.0
3/10/2007 19:00	12.1	9.8
3/10/2007 20:00	13.4	12.0
3/10/2007 21:00	14.1	20.5
3/10/2007 22:00	20.4	19.8
3/10/2007 23:00	19.0	22.2
3/11/2007 0:00	23.3	18.3
3/11/2007 1:00	21.6	15.9
3/11/2007 3:00	22.3	22.0
3/11/2007 4:00	16.4	18.4
3/11/2007 5:00	23.5	17.7
3/11/2007 6:00	19.8	24.4
3/11/2007 7:00	17.0	19.4
3/11/2007 8:00	15.8	19.2
3/11/2007 9:00	17.3	14.7
3/11/2007 10:00	13.8	7.3
3/11/2007 11:00	8.3	6.1
3/11/2007 12:00	8.2	7.7
3/11/2007 13:00	9.4	7.7
3/11/2007 14:00	8.6	11.4
3/11/2007 15:00	12.9	13.3
3/11/2007 16:00	15.4	8.7
3/11/2007 17:00	15.6	7.8
3/11/2007 18:00	16.3	10.6
3/11/2007 19:00	13.3	12.8
3/11/2007 20:00	14.0	15.9
3/11/2007 21:00	14.9	17.7

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/11/2007 22:00	14.7	17.9
3/11/2007 23:00	17.5	15.9
3/12/2007 0:00	13.6	15.5
3/12/2007 1:00	13.9	16.3
3/12/2007 2:00	16.4	16.8
3/12/2007 3:00	23.0	21.9
3/12/2007 4:00	30.3	22.7
3/12/2007 5:00	29.1	23.4
3/12/2007 6:00	24.4	17.7
3/12/2007 7:00	21.7	21.6
3/12/2007 8:00	22.2	19.0
3/12/2007 9:00	20.6	21.4
3/12/2007 10:00	15.4	12.9
3/12/2007 11:00	16.8	12.7
3/12/2007 12:00	20.4	14.6
3/12/2007 13:00	15.6	23.4
3/12/2007 14:00	14.4	17.7
3/12/2007 15:00	15.4	15.5
3/12/2007 16:00	20.7	14.5
3/12/2007 17:00	16.5	15.2
3/12/2007 18:00	16.5	15.5
3/12/2007 19:00	24.1	17.5
3/12/2007 20:00	15.0	17.4
3/12/2007 21:00	23.2	14.6
3/12/2007 22:00	16.0	23.6
3/12/2007 23:00	20.6	16.1
3/13/2007 0:00	26.4	21.6
3/13/2007 1:00	25.7	26.8
3/13/2007 2:00	24.7	24.2
3/13/2007 3:00	20.8	18.9
3/13/2007 4:00	24.8	17.9
3/13/2007 5:00	29.8	17.7
3/13/2007 6:00	22.7	25.1
3/13/2007 7:00	29.2	23.9
3/13/2007 8:00	26.9	24.1
3/13/2007 9:00	27.1	31.8
3/13/2007 10:00	27.1	33.2
3/13/2007 11:00	34.1	28.5
3/13/2007 12:00	25.0	33.2
3/13/2007 13:00	23.6	27.7
3/13/2007 14:00	23.7	16.4
3/13/2007 15:00	22.6	25.1
3/13/2007 16:00	20.2	25.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/13/2007 17:00	24.6	25.9
3/13/2007 18:00	25.5	25.4
3/13/2007 19:00	34.9	24.7
3/13/2007 20:00	25.2	25.5
3/13/2007 21:00	29.3	28.2
3/13/2007 22:00	29.9	25.0
3/13/2007 23:00	31.0	31.5
3/14/2007 0:00	38.1	34.1
3/14/2007 1:00	43.7	40.8
3/14/2007 2:00	35.2	43.1
3/14/2007 3:00	38.4	41.9
3/14/2007 4:00	23.3	29.8
3/14/2007 5:00	19.5	24.2
3/14/2007 6:00	20.7	27.2
3/14/2007 7:00	26.1	23.7
3/14/2007 8:00	21.4	22.3
3/14/2007 9:00	30.4	26.1
3/14/2007 10:00	22.1	24.4
3/14/2007 11:00	23.3	31.1
3/14/2007 12:00	26.2	28.3
3/14/2007 13:00	31.9	33.5
3/14/2007 14:00	28.7	29.1
3/14/2007 15:00	31.6	29.2
3/14/2007 16:00	35.8	34.9
3/14/2007 17:00	41.7	44.6
3/14/2007 18:00	38.2	45.6
3/14/2007 19:00	38.1	39.2
3/14/2007 20:00	32.7	34.1
3/14/2007 21:00	27.1	35.3
3/14/2007 22:00	13.2	23.4
3/14/2007 23:00	11.2	18.2
3/15/2007 0:00	10.8	14.4
3/15/2007 1:00	9.9	10.6
3/15/2007 2:00	9.9	11.6
3/15/2007 3:00	10.5	11.6
3/15/2007 4:00	8.8	12.1
3/15/2007 5:00	8.0	8.7
3/15/2007 6:00	8.4	6.0
3/15/2007 7:00	9.3	9.2
3/15/2007 8:00	7.8	9.0
3/15/2007 9:00	10.4	10.7
3/15/2007 10:00	11.7	11.4
3/15/2007 11:00	6.0	9.1

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/15/2007 12:00	4.3	9.5
3/15/2007 13:00	9.3	10.8
3/15/2007 14:00	11.8	9.3
3/15/2007 15:00	9.7	7.3
3/15/2007 16:00	10.1	8.8
3/15/2007 17:00	11.6	10.3
3/15/2007 18:00	11.6	13.2
3/15/2007 19:00	12.5	4.7
3/15/2007 20:00	13.9	19.5
3/15/2007 21:00	13.8	19.4
3/15/2007 22:00	10.8	17.3
3/15/2007 23:00	11.2	14.2
3/16/2007 0:00	10.6	10.5
3/16/2007 1:00	9.0	11.1
3/16/2007 2:00	12.8	16.4
3/16/2007 3:00	12.8	14.6
3/16/2007 4:00	6.9	9.6
3/16/2007 5:00	8.6	10.5
3/16/2007 6:00	15.0	13.1
3/16/2007 7:00	15.2	10.8
3/16/2007 8:00	15.0	19.9
3/16/2007 9:00	13.6	18.6
3/16/2007 10:00	12.5	16.6
3/16/2007 11:00	14.6	11.4
3/16/2007 12:00	13.7	11.2
3/16/2007 13:00	12.2	13.6
3/16/2007 14:00	12.2	13.8
3/16/2007 15:00	12.2	13.8
3/16/2007 16:00	12.9	16.4
3/16/2007 17:00	14.1	16.7
3/16/2007 18:00	15.3	15.2
3/16/2007 19:00	14.4	12.6
3/16/2007 20:00	12.8	12.3
3/16/2007 21:00	12.9	14.4
3/16/2007 22:00	13.7	12.1
3/16/2007 23:00	15.1	12.1
3/17/2007 0:00	13.5	12.5
3/17/2007 1:00	11.9	10.1
3/17/2007 2:00	13.7	10.6
3/17/2007 3:00	12.8	10.8
3/17/2007 4:00	11.2	10.3
3/17/2007 5:00	11.5	10.2
3/17/2007 6:00	13.1	9.9

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/17/2007 7:00	13.1	12.7
3/17/2007 8:00	11.8	11.4
3/17/2007 9:00	12.0	8.4
3/17/2007 10:00	12.0	10.3
3/17/2007 11:00	9.7	9.4
3/17/2007 12:00	7.2	6.3
3/17/2007 13:00	8.7	5.0
3/17/2007 14:00	9.8	4.6
3/17/2007 15:00	10.3	7.3
3/17/2007 16:00	11.6	10.6
3/17/2007 17:00	9.9	10.4
3/17/2007 18:00	6.9	7.2
3/17/2007 19:00	10.3	5.4
3/17/2007 20:00	14.5	5.6
3/17/2007 21:00	10.6	8.8
3/17/2007 22:00	11.1	10.8
3/17/2007 23:00	13.6	12.5
3/18/2007 0:00	12.7	12.5
3/18/2007 1:00	10.4	9.3
3/18/2007 2:00	10.6	11.4
3/18/2007 3:00	14.1	9.9
3/18/2007 4:00	11.3	6.3
3/18/2007 5:00	13.3	6.6
3/18/2007 6:00	12.7	10.6
3/18/2007 7:00	7.5	14.4
3/18/2007 8:00	6.5	13.7
3/18/2007 9:00	7.2	10.6
3/18/2007 10:00	11.7	9.5
3/18/2007 11:00	13.5	10.9
3/18/2007 12:00	10.6	9.2
3/18/2007 13:00	8.7	5.0
3/18/2007 14:00	8.9	4.9
3/18/2007 15:00	7.4	5.1
3/18/2007 16:00	7.0	5.4
3/18/2007 17:00	7.0	6.4
3/18/2007 18:00	7.5	10.6
3/18/2007 19:00	10.2	14.4
3/18/2007 20:00	9.1	13.8
3/18/2007 21:00	9.7	12.5
3/18/2007 22:00	24.2	13.6
3/18/2007 23:00	16.8	20.2
3/19/2007 0:00	16.1	9.9
3/19/2007 1:00	16.0	11.4

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/19/2007 2:00	16.0	13.7
3/19/2007 3:00	23.3	15.1
3/19/2007 4:00	12.1	16.4
3/19/2007 5:00	14.4	16.8
3/19/2007 6:00	14.5	16.1
3/19/2007 7:00	11.4	14.9
3/19/2007 8:00	11.9	14.0
3/19/2007 9:00	12.5	9.6
3/19/2007 10:00	12.5	10.8
3/19/2007 11:00	11.0	10.0
3/19/2007 12:00	11.6	6.7
3/19/2007 13:00	12.1	10.3
3/19/2007 14:00	11.0	12.8
3/19/2007 15:00	14.7	13.2
3/19/2007 16:00	15.7	14.9
3/19/2007 17:00	16.2	28.3
3/19/2007 18:00	25.7	28.3
3/19/2007 19:00	25.4	25.5
3/19/2007 20:00	32.3	24.9
3/19/2007 21:00	34.7	26.3
3/19/2007 22:00	33.5	36.1
3/19/2007 23:00	35.4	30.9
3/20/2007 0:00	27.8	36.7
3/20/2007 1:00	29.8	26.2
3/20/2007 2:00	24.9	27.4
3/20/2007 3:00	20.0	15.4
3/20/2007 4:00	9.2	21.5
3/20/2007 5:00	9.7	13.7
3/20/2007 6:00	11.0	11.2
3/20/2007 7:00	13.0	10.2
3/20/2007 8:00	14.4	12.9
3/20/2007 9:00	11.3	15.0
3/20/2007 10:00	9.5	16.3
3/20/2007 11:00	11.2	14.6
3/20/2007 12:00	11.6	10.5
3/20/2007 13:00	11.4	10.0
3/20/2007 14:00	10.9	8.5
3/20/2007 15:00	10.0	8.0
3/20/2007 16:00	11.4	13.6
3/20/2007 17:00	13.3	17.8
3/20/2007 18:00	13.7	18.0
3/20/2007 19:00	10.6	12.0
3/20/2007 20:00	8.7	7.5

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/20/2007 21:00	11.3	11.9
3/20/2007 22:00	12.3	17.6
3/20/2007 23:00	9.6	19.4
3/21/2007 0:00	5.2	20.7
3/21/2007 1:00	6.3	19.6
3/21/2007 2:00	11.2	13.3
3/21/2007 3:00	13.7	14.7
3/21/2007 4:00	12.4	15.7
3/21/2007 5:00	9.5	12.9
3/21/2007 6:00	10.5	11.0
3/21/2007 7:00	13.6	12.7
3/21/2007 8:00	14.6	16.4
3/21/2007 9:00	23.9	17.0
3/21/2007 10:00	16.5	19.8
3/21/2007 11:00	17.5	13.6
3/21/2007 12:00	17.6	14.0
3/21/2007 13:00	18.0	13.8
3/21/2007 14:00	20.5	14.2
3/21/2007 15:00	22.7	20.2
3/21/2007 16:00	25.4	23.1
3/21/2007 17:00	27.3	22.2
3/21/2007 18:00	20.0	21.6
3/21/2007 19:00	23.0	22.8
3/21/2007 20:00	23.9	27.4
3/21/2007 21:00	32.3	35.0
3/21/2007 22:00	27.2	28.8
3/21/2007 23:00	30.0	28.1
3/22/2007 0:00	23.9	24.5
3/22/2007 1:00	28.6	28.2
3/22/2007 2:00	26.3	26.8
3/22/2007 3:00	24.5	25.6
3/22/2007 4:00	21.2	31.7
3/22/2007 5:00	26.4	29.6
3/22/2007 6:00	20.6	27.8
3/22/2007 7:00	20.2	18.1
3/22/2007 8:00	15.3	19.9
3/22/2007 9:00	17.3	20.2
3/22/2007 10:00	17.6	27.4
3/22/2007 11:00	17.7	16.9
3/22/2007 12:00	17.9	17.9
3/22/2007 13:00	17.8	20.5
3/22/2007 14:00	17.6	15.9
3/22/2007 15:00	23.3	17.4

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/22/2007 16:00	16.3	20.5
3/22/2007 17:00	10.6	11.2
3/22/2007 18:00	7.8	9.2
3/22/2007 19:00	11.6	9.2
3/22/2007 20:00	12.8	9.9
3/22/2007 21:00	13.7	11.0
3/22/2007 22:00	12.1	13.4
3/22/2007 23:00	11.2	14.2
3/23/2007 0:00	14.4	16.6
3/23/2007 1:00	18.1	15.8
3/23/2007 2:00	16.6	20.0
3/23/2007 3:00	16.8	18.8
3/23/2007 4:00	18.9	22.9
3/23/2007 5:00	17.2	14.0
3/23/2007 6:00	16.8	23.0
3/23/2007 7:00	15.6	11.2
3/23/2007 8:00	13.5	13.6
3/23/2007 9:00	11.6	29.1
3/23/2007 10:00	24.4	24.6
3/23/2007 11:00	22.9	16.1
3/23/2007 12:00	11.5	17.0
3/23/2007 13:00	21.7	15.9
3/23/2007 14:00	13.1	13.3
3/23/2007 15:00	12.5	11.9
3/23/2007 16:00	11.9	12.2
3/23/2007 17:00	14.1	14.0
3/23/2007 18:00	14.7	20.5
3/23/2007 19:00	13.8	18.7
3/23/2007 20:00	13.0	18.1
3/23/2007 21:00	12.2	18.1
3/23/2007 22:00	13.2	17.6
3/23/2007 23:00	10.8	18.0
3/24/2007 0:00	11.2	17.4
3/24/2007 1:00	13.6	9.7
3/24/2007 2:00	12.6	9.9
3/24/2007 3:00	11.4	17.2
3/24/2007 4:00	12.2	17.2
3/24/2007 5:00	14.2	15.9
3/24/2007 6:00	13.0	16.9
3/24/2007 7:00	15.4	23.5
3/24/2007 8:00	27.8	27.5
3/24/2007 9:00	41.3	44.3
3/24/2007 10:00	41.1	53.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/24/2007 11:00	35.2	41.3
3/24/2007 12:00	43.1	42.7
3/24/2007 13:00	19.3	30.0
3/24/2007 14:00	20.2	22.5
3/24/2007 15:00	22.1	23.6
3/24/2007 16:00	21.2	19.3
3/24/2007 17:00	22.9	27.1
3/24/2007 18:00	16.7	19.1
3/24/2007 19:00	21.7	25.7
3/24/2007 20:00	16.6	24.0
3/24/2007 21:00	23.9	25.4
3/24/2007 22:00	27.2	33.7
3/24/2007 23:00	24.1	29.5
3/25/2007 0:00	24.5	29.1
3/25/2007 1:00	23.9	29.4
3/25/2007 2:00	54.9	31.6
3/25/2007 3:00	47.1	34.0
3/25/2007 4:00	41.3	33.3
3/25/2007 5:00	33.3	29.3
3/25/2007 6:00	27.1	34.4
3/25/2007 7:00	28.9	32.3
3/25/2007 8:00	25.1	24.9
3/25/2007 9:00	23.5	22.0
3/25/2007 10:00	12.1	18.6
3/25/2007 11:00	14.7	19.0
3/25/2007 12:00	20.9	17.9
3/25/2007 13:00	18.9	21.4
3/25/2007 14:00	16.7	15.0
3/25/2007 15:00	20.2	17.2
3/25/2007 16:00	19.3	19.6
3/25/2007 17:00	16.9	19.4
3/25/2007 18:00	16.4	17.6
3/25/2007 19:00	17.4	21.7
3/25/2007 20:00	20.6	20.7
3/25/2007 21:00	17.5	24.4
3/25/2007 22:00	21.2	27.6
3/25/2007 23:00	12.4	26.1
3/26/2007 0:00	14.3	24.8
3/26/2007 1:00	17.4	18.8
3/26/2007 2:00	4.9	4.7
3/26/2007 3:00	24.5	19.1
3/26/2007 4:00	20.9	19.0
3/26/2007 5:00	23.2	22.6

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/26/2007 6:00	22.6	24.0
3/26/2007 7:00	24.3	24.6
3/26/2007 8:00	28.4	27.4
3/26/2007 9:00	27.9	21.7
3/26/2007 10:00	25.2	16.1
3/26/2007 11:00	13.1	19.7
3/26/2007 12:00	15.4	14.6
3/26/2007 13:00	16.8	14.3
3/26/2007 14:00	16.7	21.4
3/26/2007 15:00	16.4	15.0
3/26/2007 16:00	14.3	15.4
3/26/2007 17:00	15.1	15.5
3/26/2007 18:00	17.1	15.6
3/26/2007 19:00	16.7	17.4
3/26/2007 20:00	14.7	15.7
3/26/2007 21:00	16.4	11.8
3/26/2007 22:00	19.7	13.6
3/26/2007 23:00	20.5	19.8
3/27/2007 0:00	16.0	23.5
3/27/2007 1:00	14.7	25.0
3/27/2007 2:00	20.3	22.0
3/27/2007 3:00	25.8	25.2
3/27/2007 4:00	22.6	28.9
3/27/2007 5:00	28.1	26.5
3/27/2007 6:00	37.4	26.1
3/27/2007 7:00	27.5	30.4
3/27/2007 8:00	24.5	32.1
3/27/2007 9:00	29.7	26.5
3/27/2007 10:00	21.4	21.8
3/27/2007 11:00	20.7	24.2
3/27/2007 12:00	16.6	22.8
3/27/2007 13:00	20.6	18.0
3/27/2007 14:00	12.4	18.3
3/27/2007 15:00	14.6	23.8
3/27/2007 16:00	22.1	8.9
3/27/2007 17:00	17.9	14.0
3/27/2007 18:00	16.7	22.8
3/27/2007 19:00	17.5	17.3
3/27/2007 20:00	19.5	23.3
3/27/2007 21:00	17.8	22.8
3/27/2007 22:00	15.9	25.0
3/27/2007 23:00	15.4	16.0
3/28/2007 0:00	11.2	16.4

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/28/2007 1:00	20.1	20.8
3/28/2007 2:00	16.7	15.1
3/28/2007 3:00	21.9	16.6
3/28/2007 4:00	14.3	21.8
3/28/2007 5:00	14.8	17.2
3/28/2007 6:00	15.3	14.4
3/28/2007 7:00	11.3	11.8
3/28/2007 8:00	7.6	11.3
3/28/2007 9:00	8.9	12.9
3/28/2007 10:00	10.4	13.8
3/28/2007 11:00	11.0	9.6
3/28/2007 12:00	8.5	8.7
3/28/2007 13:00	5.1	8.4
3/28/2007 14:00	4.6	5.1
3/28/2007 15:00	3.0	5.7
3/28/2007 16:00	2.7	6.3
3/28/2007 17:00	1.3	6.4
3/28/2007 18:00	4.2	10.0
3/28/2007 19:00	12.4	11.6
3/28/2007 20:00	12.9	14.6
3/28/2007 21:00	10.4	15.1
3/28/2007 22:00	9.9	10.7
3/28/2007 23:00	9.1	7.5
3/29/2007 0:00	10.2	6.8
3/29/2007 1:00	9.1	8.1
3/29/2007 2:00	4.5	8.1
3/29/2007 3:00	5.6	8.1
3/29/2007 4:00	8.8	8.3
3/29/2007 5:00	9.7	10.7
3/29/2007 6:00	8.2	8.7
3/29/2007 7:00	8.2	4.6
3/29/2007 8:00	7.2	8.4
3/29/2007 9:00	5.1	8.4
3/29/2007 10:00	9.6	6.2
3/29/2007 11:00	9.7	7.9
3/29/2007 12:00	7.0	7.9
3/29/2007 13:00	9.5	6.1
3/29/2007 14:00	7.9	3.7
3/29/2007 15:00	5.7	5.4
3/29/2007 16:00	6.0	4.4
3/29/2007 17:00	5.5	1.0
3/29/2007 18:00	5.4	2.7
3/29/2007 19:00	5.1	4.0

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/29/2007 20:00	6.3	3.2
3/29/2007 21:00	6.6	7.1
3/29/2007 22:00	7.1	13.9
3/29/2007 23:00	9.3	14.2
3/30/2007 0:00	10.5	11.6
3/30/2007 1:00	10.9	11.6
3/30/2007 2:00	10.9	12.5
3/30/2007 3:00	9.3	10.6
3/30/2007 4:00	8.9	8.8
3/30/2007 5:00	11.2	8.6
3/30/2007 6:00	12.4	10.1
3/30/2007 7:00	12.0	9.9
3/30/2007 8:00	9.8	9.9
3/30/2007 9:00	9.0	12.9
3/30/2007 10:00	10.9	14.6
3/30/2007 11:00	11.9	13.3
3/30/2007 12:00	10.5	13.1
3/30/2007 13:00	9.6	13.3
3/30/2007 14:00	13.3	14.2
3/30/2007 15:00	17.5	23.7
3/30/2007 16:00	26.0	20.7
3/30/2007 17:00	26.1	19.4
3/30/2007 18:00	17.3	25.4
3/30/2007 19:00	16.5	12.7
3/30/2007 20:00	13.1	14.8
3/30/2007 21:00	11.2	15.8
3/30/2007 22:00	12.7	17.0
3/30/2007 23:00	24.3	28.4
3/31/2007 0:00	18.4	22.7
3/31/2007 1:00	16.8	21.0
3/31/2007 2:00	22.0	27.6
3/31/2007 3:00	12.4	18.0
3/31/2007 4:00	16.1	16.9
3/31/2007 5:00	17.5	21.2
3/31/2007 6:00	32.0	19.8
3/31/2007 7:00	20.2	24.6
3/31/2007 8:00	26.3	25.8
3/31/2007 9:00	18.1	18.8
3/31/2007 10:00	15.0	15.7
3/31/2007 11:00	9.8	13.5
3/31/2007 12:00	10.1	13.1
3/31/2007 13:00	13.7	10.5
3/31/2007 14:00	13.2	7.7

Appendix A2

Record of PM_{2.5} Measurements

Date/Time	Hourly Average PM _{2.5} Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
3/31/2007 15:00	11.4	7.9
3/31/2007 16:00	8.1	6.2
3/31/2007 17:00	6.8	6.8
3/31/2007 18:00	6.6	9.7
3/31/2007 19:00	5.5	8.2
3/31/2007 20:00	6.6	8.8
3/31/2007 21:00	7.4	8.4
3/31/2007 22:00	9.0	8.3
3/31/2007 23:00	7.2	10.8