

**DETROIT RIVER INTERNATIONAL CROSSING (DRIC)
QUARTERLY MONITORING REPORT #1
OCTOBER 1st – DECEMBER 31st, 2006**

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Executive Summary

As part of the Environmental Assessment process, the Detroit River International Crossing (DRIC) team has established two ambient air monitoring stations in the study Area of Continued Analysis (ACA), along the existing Huron Church/Highway 3 corridor. These monitoring stations have been collecting data on ambient concentrations of nitrogen oxides, fine particulate matter, VOCs, aldehydes, and local meteorology since October 1st, 2006 and this monitoring will continue until the end of September 2007. The information from this monitoring program will be used to establish current baseline conditions in the area for use in the air modelling portion of the Environmental Assessment associated with the DRIC project. This report includes the results of the monitoring program for the first quarter of sampling (up to and including December 31st, 2006). The main findings to date are as follows:

- There were no exceedances of the MOE AAQCs (1-hr and 24-hr) for NO_x at either station during the first quarter of sampling;
- There was no exceedance of the guideline levels for either of the VOCs (acrolein, benzene) that were included in the monitoring program at any point during the first quarter of sampling;
- There were no exceedances of either of the MOE AAQCs for aldehydes (acetaldehyde, formaldehyde) that were included in the monitoring program at any point during the first quarter of sampling;
- Exceedances of the proposed Canada Wide Standard (24-hr) for PM_{2.5} were noted at each station (13 at OPHL and 8 at St. Clair College). These may be attributed to any number of local or transboundary sources. The results of the air dispersion modelling which is currently underway will clarify the actual impact of traffic on local concentrations.

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1.0 Introduction

1.1 PURPOSE OF STUDY

As part of the Environmental Assessment process, the Detroit River International Crossing (DRIC) team has established two ambient air monitoring stations in the study Area of Continued Analysis (ACA), along the existing Huron Church/Highway 3 corridor. The purpose of the monitoring program is to collect data on the total pollutant concentrations that are routinely observed in the corridor, rather than specifically determine the fraction that originates from the roadway. This air contaminant concentration data is to be used as baseline data in the air modelling assessment as it firmly establishes the air quality conditions in the study area. The monitoring stations were each operating by September 28th, 2006. The official beginning to the air monitoring program was considered to be October 1st, 2006, and it will continue until the end of September 2007. This report presents the results from the first quarter of sampling, from October 1st to December 31st, 2006.

The data collected during this study will be used to:

- Establish current conditions within the Huron Church Road/Hwy 3 corridor;
- Assist in determining background air concentrations of the pollutants being measured; and
- Benchmark the air dispersion modeling.

The measured concentrations will be compared to the relevant federal Canada Wide Standards (CWSs) and provincial Ambient Air Quality Criteria (AAQCs) and guidelines to assess whether they are presently within acceptable levels. In addition, the monitoring data will be used in combination with air dispersion modelling undertaken by the DRIC study team to determine the contribution from the roadway relative to upwind background sources in the area which may include Zug Island and other local industries. This background contribution will be added to all modelled results for the assessment of the Practical Alternatives. Also, the data will be used to validate the air dispersion modeling completed for the assessment. This will be done by modelling the existing conditions and comparing the model predicted concentrations (including background) with the measurements for each pollutant. A statistical analysis will then be completed to confirm the model accuracy is within acceptable levels.

1.2 POLLUTANTS BEING MEASURED

Nitrogen oxides (NO_x) and fine particulate matter (PM_{2.5}) are generally the typical air pollutant indicator compounds with respect to transportation related vehicle emissions. Other criteria air pollutants such as sulphur dioxide (SO₂), carbon monoxide (CO) and various species of volatile

compounds are also related to transportation sources, but generally are not problematic in terms of health and environmental effects. Four air toxics associated with transportation sources have been selected for monitoring. These are:

- Benzene
- Acrolein *
- Formaldehyde *
- Acetaldehyde *

While transportation sources are not the dominant contributor of the above VOCs to the ambient air (as they are each used widely in industry), they are considered to be characteristic compounds in vehicle exhaust. Benzene is present in the exhaust of gasoline-powered vehicles, as well as diesel-powered vehicles to a lesser extent. Acrolein, formaldehyde, and acetaldehyde (denoted with an asterisk) are typically associated with diesel-powered heavy trucks (more so than gasoline-powered vehicles), and are believed to be primarily responsible for the characteristic odour of diesel exhaust.

It should be noted that transportation sources are only one source of the pollutants included in this study, and all measured concentrations would be expected to have contributions from a variety of local, regional and transboundary sources (i.e., nearby industrial operations and other sources). The MOE operates two monitoring stations in the Windsor area (Windsor West and Windsor Downtown), which collect information on air concentrations, including those included in the DRIC study. The MOE monitoring data from 2006 was not available at the time this report was written, however information from the MOE stations for previous years are included in the discussion sections to provide some perspective on the results from the DRIC study.

In addition to the air pollutant concentrations, meteorological data is continuously collected at both stations, such that the data can be correlated with the meteorological conditions. The parameters being measured are:

- Wind speed and direction;
- Temperature; and
- Relative Humidity.

1.3 AMBIENT AIR QUALITY CRITERIA (AAQCs), CANADA WIDE STANDARDS (CWS) AND GUIDELINE LEVELS

The Ontario Ministry of the Environment (MOE) has set Ambient Air Quality Criteria (AAQCs) for a number of air pollutants of concern. Similar to AAQCs, the Canadian Council of Ministers of the Environment (CCME) has set Canada-Wide Standards (CWSs) for specific air pollutants. Unlike regulatory standards that apply to fence-line (or Point of Impingement – POI) concentrations at industrial facilities, AAQCs are not legally enforceable unless included in a regulatory instrument (i.e. Certificate of Approval). Instead, these criteria represent the maximum concentration or level (based on potential effects) of contaminant that is desirable or considered acceptable in ambient air (MOE, 2005).

Similarly, the CWS for PM_{2.5} represents a target concentration in ambient air that is to be achieved by 2010. According to the guidance documents provided by the CCME, CWS achievement will be based on community-oriented monitoring sites i.e., sites located where people live, work and play rather than at the expected maximum impact point for specific emission sources (CCME, 2000). Communities for which jurisdictions demonstrate (i) that continued exceedance of the CWS levels is primarily due to transboundary flow of PM and ozone or their precursor pollutants from the U.S. or from another province/territory, and (ii) that “best efforts” have been made to reduce contributions to the excess levels from pollution sources within the jurisdiction, will be identified in reporting as “transboundary influenced communities” that are unable to reach attainment of the CWSs until further reduction in transboundary air pollution flow occurs. Demonstration of transboundary flow influence will be a shared responsibility of the federal government and the affected province/territory, and demonstration of best efforts will include measures in both provincial/territorial and federal implementation plans.

2.0 Monitoring Equipment and Methodology

The following section describes the equipment and methods used to collect samples of each of the contaminants presented in Section 1.0. The description will include information pertaining to whether the contaminant was collected on a continuous basis, or whether it was collected by a trained field technician operating on a pre-defined sampling schedule coinciding with the Environment Canada (EC) National Air Pollutant Surveillance (NAPS) network schedule. Each of the methods described below are either provided by, or approved by the U.S. Environmental Protection Agency (EPA) and Ontario Ministry of the Environment (MOE).

2.1 NITROGEN OXIDES (NO_x)

The levels of nitrogen oxides (NO_x) in the ambient air were measured using continuously sampling NO_x analysers that operate on the principle of chemiluminescence, which is a U.S. EPA and Ontario Ministry of the Environment (MOE) approved method. Ambient air is continuously drawn into the analyser where it is exposed to a steady supply of ozone (O₃), initiating a chemical reaction with the NO_x compounds that produces light (chemiluminescence). The intensity of this light is directly proportional to the amount of nitrogen oxide (NO) in the sample gas stream. Nitrogen dioxide (NO₂) that may also be present in the sample gas does not participate in this reaction; therefore a second stream of gas is also passed through a catalytic-reactive converter, which converts the NO₂ to NO such that chemiluminescence may take place. The results from this second stream are reported as NO_x, and the NO₂ content is determined by difference, through subtracting the known NO content of the sample gas from the first stream.

2.2 FINE PARTICULATE MATTER (PM_{2.5})

Samples of fine particulate matter with a diameter less than 2.5 micron (PM_{2.5}) are collected using MetOne Instruments BAM-1020 Particulate Monitors. This instrument uses the principle of beta ray attenuation through a filter tape to provide an hourly determination of mass concentration on a continuous basis. Each hour, the instrument 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. Descriptions of each of the steps in the cycle are described in detail in Appendix A2.

2.3 VOC SAMPLING

The method applied to collect samples of volatile organic compounds (VOCs) was the US EPA Compendium Method TO-15: *Determination of Volatile Organic Compounds (VOCs) In Air Collected In Specially-Prepared Canisters and Analysed by Gas Chromatography/Mass Spectrometry (GC/MS)*.

VOCs are collected in polished stainless steel canisters (summa canisters) over a set time period. For the purposes of this study, samples were collected over a period of 24-hours. Summa canisters are stainless steel vessels that have had their internal surfaces made chemically inert through an electro-polishing and chemical deactivation process. These 6L canisters hold a high vacuum (~28 “Hg), and ambient air is sampled by opening a valve which draws air into the canister. Before sampling, a lined flow controller is attached to the canister to control the rate at which air is drawn into the canister, such that sampling may take place over the course of the desired time period. This method of VOC sampling requires that a field technician place the canister in the selected location and manually open and close the valve at the beginning and end of each sampling period.

Following sample collection, the canisters are shipped to a laboratory for analysis for benzene and acrolein. Results are reported on a 24-hour average basis.

2.4 ALDEHYDE SAMPLING

The method applied to collect samples of aldehydes was the US EPA Compendium Method TO-11A: *Determination of Formaldehyde in Ambient Air Using Adsorbent Cartridge Followed by High Performance Liquid Chromatography (HPLC)*. This method applies to the collection of formaldehyde, as well as other carbonyl compounds (aldehydes and ketones).

Samples of aldehydes are collected on sorbent tubes (glass tubes filled with material that easily absorb the target compounds), which meet the specifications of US EPA Method TO-11A for the determination of aldehydes in ambient air. These tubes are 6 mm OD x 110 mm long, and contain a 300 mg front sorbent section, and a 150 mg backup sorbent section. The sorbent is silica gel coated with 2,4-dinitrophenylhydrazine (DNPH). Ambient air is drawn through this sorbent tube by a personal pump at a flow rate of approximately 1 L/min for a period of 24-hours. This requires that a field technician calibrate the pump before and after each sampling period, and be present to switch the pump on and off.

After sampling, the tubes are sealed and kept refrigerated until they are packed in coolers and forwarded to the laboratory for analysis of formaldehyde and acetaldehyde.

2.3 MONITORING LOCATIONS

The DRIC team examined potential locations to site the monitoring stations within the Highway 3/Talbot Road/Huron Church corridor. In addition, suggested locations for each station were obtained from the DRIC Community Consultation Group (CCG). The final locations were selected based on the technical requirements / limitations of the available properties (i.e. site

access, power availability, trees) and permissions from the property owners. Both stations are located within 45 m of the edge of the roadway, along Huron Church / Highway 3.

The first station was deployed in an open field adjacent to the Ontario Public Health Laboratory (OPHL), which is located at 3400 Huron Church Rd. (between Cabana and Pulford). The second station is located adjacent to 2015 Talbot Road (Highway 3), which is on the south side of the road, opposite the main entrance to St. Clair College. Both locations experience significant traffic. In addition, the station at St. Clair College will experience the effects of idling traffic, as vehicles queue at the intersection. In addition, a traffic counting station on Huron Church Road, located in the St. Clair College area provide continuous traffic counts to correlate with the measurements. Figures 2.1 and 2.2 illustrate the approximate locations of each monitoring station.

Figure 2.1
Ontario Public Health Laboratory Air Monitoring Station Location



Figure 2.2
St. Clair College Air Monitoring Station Location



3.0 Monitoring Results and Discussion

3.1 MONITORING RESULTS TO DATE

The following section outlines the monitoring results by contaminant, for the period from October 1st – December 31st, 2006. A discussion of the results presented below appears in Section 3.4.

3.1.1 Nitrogen Oxides

Nitrogen oxides are emitted to the air from combustion processes, and are largely comprised of nitric oxide (NO) and nitrogen dioxide (NO₂). Major sources include the transportation sector, utilities and other processes that involve the combustion of fossil fuels.

Nitrogen dioxide is a reddish brown gas with a pungent odour, which transforms in the atmosphere to form nitric acid and nitrates. It also plays a major role in atmospheric reactions that produce ground level ozone, which is a major component of smog. Nitrogen dioxide reacts to form organic nitrates, which contribute to the formation of fine particulate (i.e. PM_{2.5}).

Atmospheric concentrations of NO_x were measured continuously at both monitoring sites and averaged on an hourly basis, calculated on the hour. The resulting hourly concentrations and daily average concentrations were compared to MOE Ambient Air Quality Criteria (AAQCs) of 400 µg/m³ and 200 µg/m³, respectively. These AAQCs are outlined in the MOE document *Summary of O.Reg. 419/05 Standards and Point of Impingement Guidelines and Ambient Air Quality Criteria* (MOE, 2005). A summary of the hourly and daily maximum, minimum and average values for the quarter are presented in Tables 3.1 and 3.2, respectively.

Table 3.1
Hourly Max/Min/Average NO_x Concentrations for the Quarter
(October – December 2006)

Monitoring Station	MOE AAQC (µg/m³)	Maximum Measured Concentration (µg/m³)	Minimum Measured Concentration (µg/m³)	Average Concentration (µg/m³)
Ontario Public Health Laboratory	400	319	0	36
St. Clair College		345	0	23

Table 3.2
Daily Max/Min/Average NO_x Concentrations for the Quarter
(October – December 2006)

Monitoring Station	MOE AAQC Standard (µg/m ³)	Maximum Concentration (µg/m ³)	Minimum Concentration (µg/m ³)	Average Concentration (µg/m ³)
Ontario Public Health Laboratory	200	144	2	36
St. Clair College		149	1	23

Summaries of the hourly and daily maximum, minimum, and average NO_x concentrations separated by month are presented in Tables 3.3 and 3.4, respectively.

Table 3.3
Hourly Max/Min/Average NO_x Concentrations by Month
(October – December 2006)

Monitoring Station	Month	MOE AAQC (µg/m ³)	Maximum Measured Concentration (µg/m ³)	Minimum Measured Concentration (µg/m ³)	Average Concentration (µg/m ³)
Ontario Public Health Laboratory	Oct. 2006	400	319	0	30
	Nov. 2006		265	4	44
	Dec. 2006		231	2	33
St. Clair College	Oct. 2006	400	191	0	14
	Nov. 2006		345	0	34
	Dec. 2006		223	2	21

Table 3.4
Daily Max/Min/Average NO_x Concentrations by Month
(October – December 2006)

Monitoring Station	Month	MOE AAQC (µg/m ³)	Maximum Measured Concentration (µg/m ³)	Minimum Measured Concentration (µg/m ³)	Average Concentration (µg/m ³)
Ontario Public Health Laboratory	Oct. 2006	200	101	2	30
	Nov. 2006		144	8	44
	Dec. 2006		118	9	33
St. Clair College	Oct. 2006	200	56	1	14
	Nov. 2006		149	7	34
	Dec. 2006		66	5	21

The following figures present the entire data set for the first quarter in graph format, in order to show fluctuations in the NO_x concentrations over the period. Figure 3.1 shows the hourly maximums over the first quarter, and Figure 3.2 shows the daily averages. Refer to Appendix A1 for a tabular summary of all NO_x concentrations collected over the sampling period.

Figure 3.1
Hourly NO_x Concentrations (µg/m³)

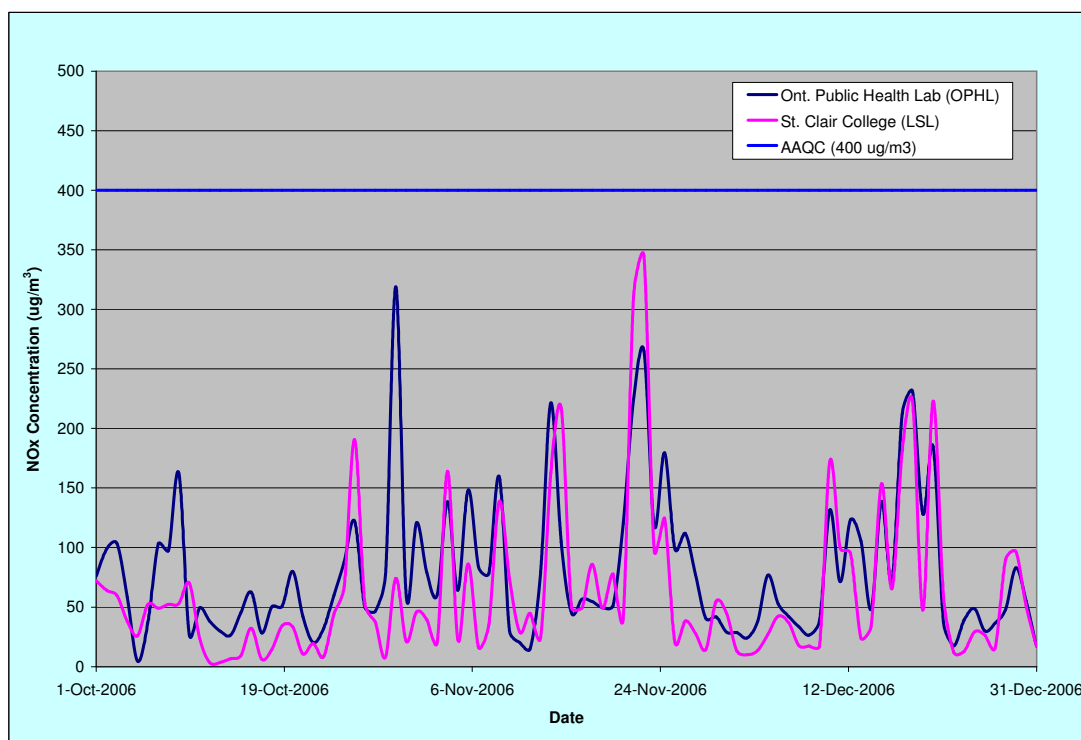
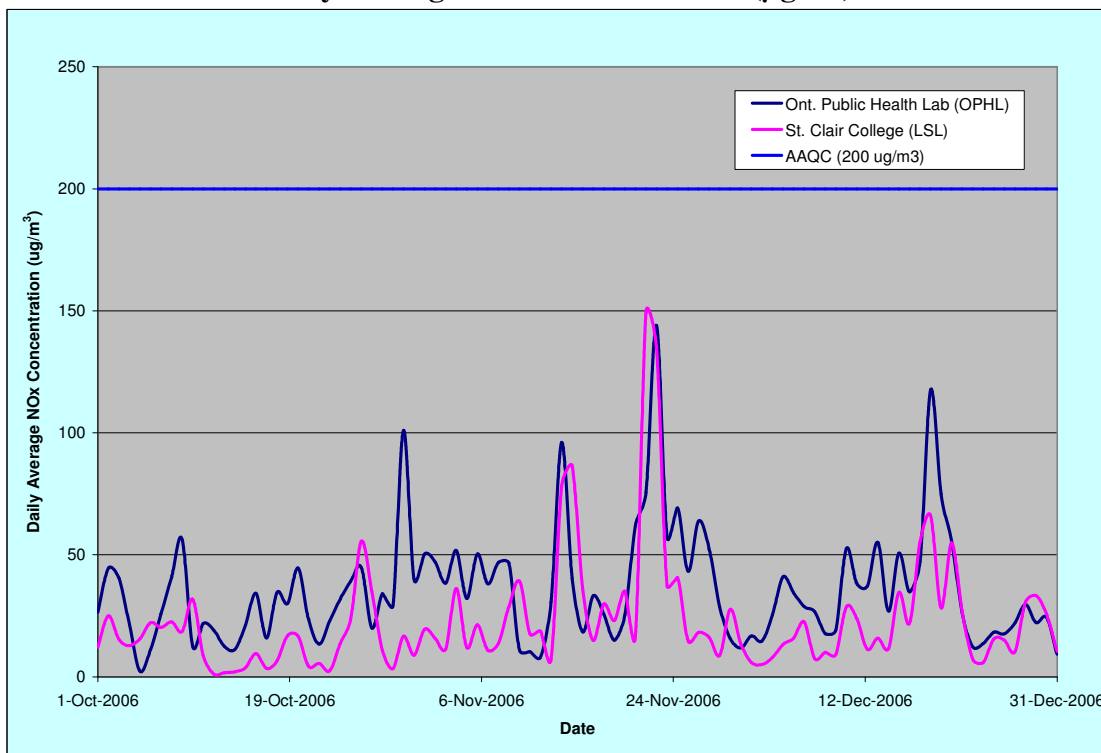


Figure 3.2
Daily Average NO_x Concentrations (µg/m³)



3.1.2 PM_{2.5}

Particulate matter includes aerosols, smoke, fumes, dust, flyash and pollen. Its composition varies with origin, residence time in the atmosphere, time of year and environmental conditions. Fine particulate matter may be emitted directly to the atmosphere through fuel combustion (e.g. motor vehicles, smelters, power plants, industrial facilities, residential fireplaces and wood stoves, agricultural burning and forest fires) or formed indirectly in the atmosphere through a series of complex chemical reactions (MOE, 2006).

Ambient concentrations of PM_{2.5} were collected continuously at each of the monitoring stations as hourly averages, calculated on the hour. The daily average concentration of PM_{2.5} for each day was compared to the proposed Canada Wide Standard (CWS) of 30 µg/m³. The CWS for PM_{2.5} will come into force in 2010, and achievement will be based on the 98th percentile annual ambient measurement, averaged over three consecutive years. A summary of the maximum, minimum, and average daily concentrations of PM_{2.5} for the quarter are presented in Table 3.5

Table 3.5
Daily Max/Min/Average PM_{2.5} Concentrations for the Quarter
(October – December 2006)

Monitoring Station	CCME Canada Wide Standard (µg/m³)	Maximum Measured Concentration (µg/m³)	Minimum Measured Concentration (µg/m³)	Average Concentration (µg/m³)	# of Exceedances of CWS
Ontario Public Health Laboratory	30	48	8	21	13
St. Clair College		42	8	20	8

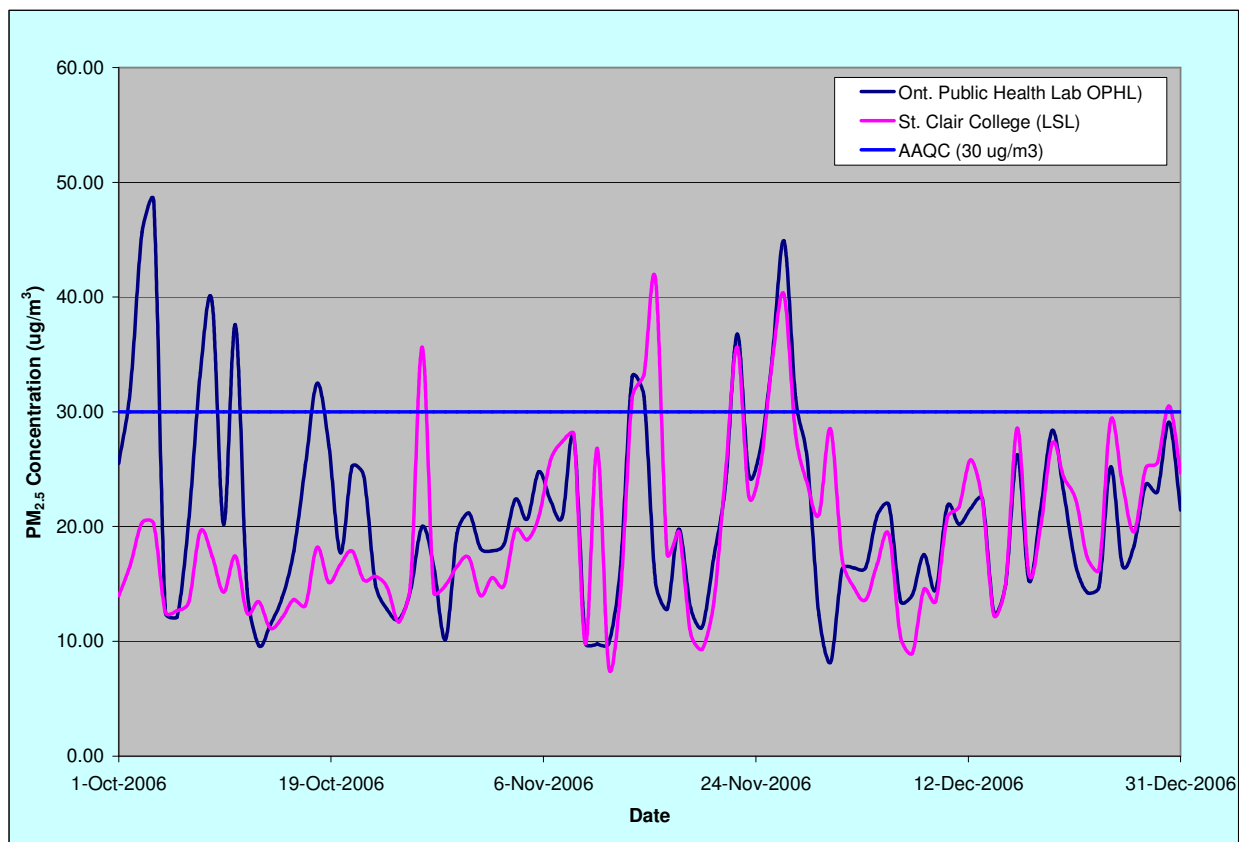
A summary of the maximum, minimum and average daily concentrations of PM_{2.5} are presented in Table 3.6, separated by each month in the quarter.

Table 3.6
Daily Max/Min/Average PM_{2.5} Concentrations by Month
(October – December 2006)

Monitoring Station	Month	CCME Canada Wide Standard (µg/m ³)	Maximum Measured Concentration (µg/m ³)	Minimum Measured Concentration (µg/m ³)	Average Concentration (µg/m ³)	# of Exceedances of CWS
Ontario Public Health Laboratory	Oct. 2006	30	48	10	22	7
	Nov. 2006		45	10	22	6
	Dec. 2006		29	8	19	0
St. Clair College	Oct. 2006	30	36	11	16	1
	Nov. 2006		40	8	23	6
	Dec. 2006		31	9	20	1

Figure 3.3 presents a graph illustrating the hourly fluctuations in PM_{2.5} concentration over the entire quarter. Refer to Appendix A2 for a tabular summary of all PM_{2.5} concentrations collected over the sampling period.

Figure 3.3
Daily Average PM_{2.5} Concentrations (µg/m³)



3.1.3 Aldehydes

Ambient concentrations of formaldehyde and acetaldehyde were measured on a 3-day cycle coinciding with the EC NAPS network 6-day schedule. The samples were collected by a trained field technician and sent to an accredited laboratory for analysis. The resulting concentrations were compared to the MOE 24-hr AAQCs of 65 µg/m³ for formaldehyde, and 500 µg/m³ for acetaldehyde. Table 3.7 summarizes the maximum, minimum and average daily concentrations of each aldehyde collected during the quarter.

Table 3.7
Daily Max/Min/Average Concentrations of Aldehydes for the Quarter
(October – December 2006)

Monitoring Station	Contaminant	MOE 24-hr AAQC ($\mu\text{g}/\text{m}^3$)	Maximum Measured Concentration ($\mu\text{g}/\text{m}^3$)	Minimum Measured Concentration ($\mu\text{g}/\text{m}^3$)	Average Concentration ($\mu\text{g}/\text{m}^3$)
Ontario Public Health Laboratory	Acetaldehyde	500	2.4	0.6	1.5
	Formaldehyde	65	5.0	2.1	3.1
St. Clair College	Acetaldehyde	500	2.4	0.5	1.5
	Formaldehyde	65	5.7	2.5	3.5

To put these results into perspective, Table 3.8 outlines the results from the MOE Windsor monitoring station.

Table 3.8
Max/Min/Average Concentrations of Aldehydes from MOE Windsor Station
(2003 – 2004)

Contaminant	Maximum Measured Concentration ($\mu\text{g}/\text{m}^3$)		Minimum Measured Concentration ($\mu\text{g}/\text{m}^3$)		Mean Concentration ($\mu\text{g}/\text{m}^3$)	
	2003	2004	2003	2004	2003	2004
Acetaldehyde	4.6	1.2	0.7	0.4	1.7	0.6
Formaldehyde	11.3	2.1	1.4	0.9	3.1	1.2

3.1.4 Volatile Organic Compounds

Samples of VOCs were collected by a trained field technician on the same 3-day cycle as the aldehyde samples. The samples were collected in summa canisters and sent to an accredited laboratory for analysis. There are at present no MOE AAQCs for either acrolein or benzene. Instead, guideline limits from other jurisdictions or previous MOE AAQCs have been used as a measure of comparison. Table 3.9 outlines the maximum, minimum and average daily concentrations of each VOC for the quarter, as well as the guideline limits used for comparison.

Table 3.9
Daily Max/Min/Average Concentrations of VOCs for the Quarter
(October – December 2006)

Monitoring Station	Contaminant	Guideline Limit ($\mu\text{g}/\text{m}^3$)	Maximum Measured Concentration ($\mu\text{g}/\text{m}^3$)	Minimum Measured Concentration ($\mu\text{g}/\text{m}^3$)	Average Concentration ($\mu\text{g}/\text{m}^3$)
Ontario Public Health Laboratory	Acrolein	9.6*	1.2	0.1	0.6
	Benzene	60	1.0	0.4	0.6
St. Clair College	Acrolein	9.6*	1.1	0.1	0.5
	Benzene	60	3.1	0.4	0.8

*converted to 24-hr from 1-hr

To put these results into perspective, Table 3.10 outlines the VOC results from the MOE Windsor monitoring station.

Table 3.10
Max/Min/Average Concentrations of VOCs from MOE Windsor Station
(2003 – 2004)

Contaminant	Maximum Measured Concentration ($\mu\text{g}/\text{m}^3$)		Minimum Measured Concentration ($\mu\text{g}/\text{m}^3$)		Mean Concentration ($\mu\text{g}/\text{m}^3$)	
	2003	2004	2003	2004	2003	2004
Acrolein	0.3	0.06	0.05	0.05	0.1	0.02
Benzene	6.3	6.3	0.6	0.4	1.7	1.8

3.2 METEOROLOGICAL DATA

Each of the two air monitoring stations are equipped with a fully functional meteorological station, which logs both 15-minute averages as well as 1-hour averages for outside temperature, relative humidity, wind direction and wind speed. The following sections summarize the meteorological data collected, and comparisons are made between the data set from the DRIC monitoring stations and other available data for the Windsor area.

3.2.1 Temperature

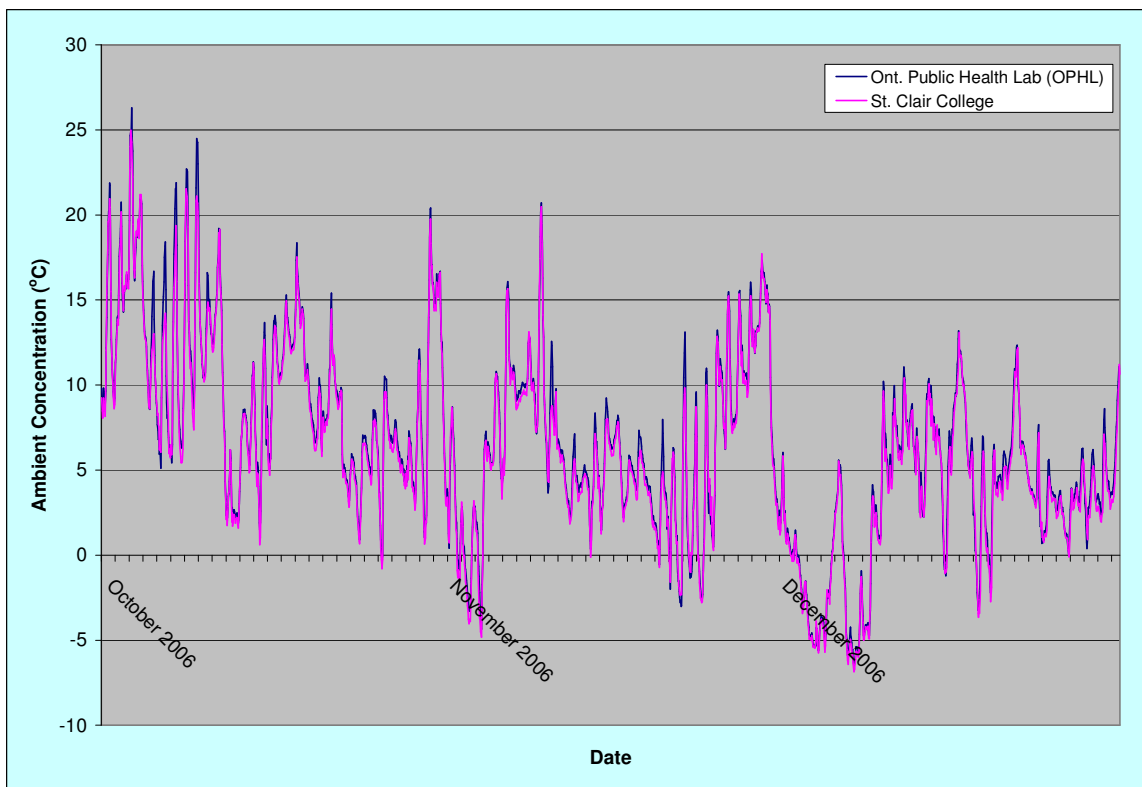
Table 3.11 summarizes temperature data from the first quarter of the ambient air monitoring program. Temperature is an important parameter, since near the surface it controls the buoyant component of turbulence (vertical motion). Heat from the earth's surface warms the air near the ground causing it to rise, reaching a maximum in the early afternoon and a minimum near sunrise. This aids pollutant dispersion. The near-surface temperature also controls how fast the surface dries. If the temperature is low, the moisture on the surface of the ground may remain or freeze, effectively sealing the surface from wind erosion and thereby reducing re-suspension of surface dust. While October was average temperature-wise, November and December were warmer than typical. Therefore, particulate concentrations during these months may be higher than usual for this time of year.

A graph of the entire set of temperature data is provided in Figure 3.4. This shows the fluctuations in temperature over the duration of the sampling period. A full tabular summary of the meteorological data is provided in Appendix A3.

Table 3.11
Comparison of Temperature Data from Monitoring Stations to Local Normals

Data Set	October 2006			November 2006			December 2006		
	Max (°C)	Min (°C)	Avg (°C)	Max (°C)	Min (°C)	Avg (°C)	Max (°C)	Min (°C)	Avg (°C)
Ont. Public Health Lab	26.3	-0.3	10.2	20.7	-4.3	6.3	13.2	-6.5	3.1
St. Clair College	25.0	-0.8	9.9	20.5	-4.8	5.9	13.1	-6.9	2.8
EC 1971-2000	15.6	6.2	11.0	8.3	0.9	4.6	1.9	-4.8	-1.5

Figure 3.4
Average Hourly Temperature for the Quarter



3.2.2 Wind Speed and Wind Direction

Wind is the most important meteorological parameter related to air contaminant dispersion. The concentrations of pollutants in air decrease with increasing wind speed as a result of dilution. When wind speeds are high, there is enhanced dispersion of gases and particles throughout the atmosphere, due to mechanical turbulence. However, there is also a greater potential for re-suspension of surface dust. When wind speeds are near zero (i.e. during calm conditions), reduced local circulation can lead to high pollutant concentrations near the surface due to very poor dispersion.

Wind roses for the OPHL location and the St. Clair College location are presented in Figure 3.5 and Figure 3.6, respectively. These figures display the predominant directions that the wind blew *from*, as well as the frequency of occurrence of each direction and wind speed category.

Figure 3.5
Ontario Public Health Laboratory Wind Rose for the Quarter

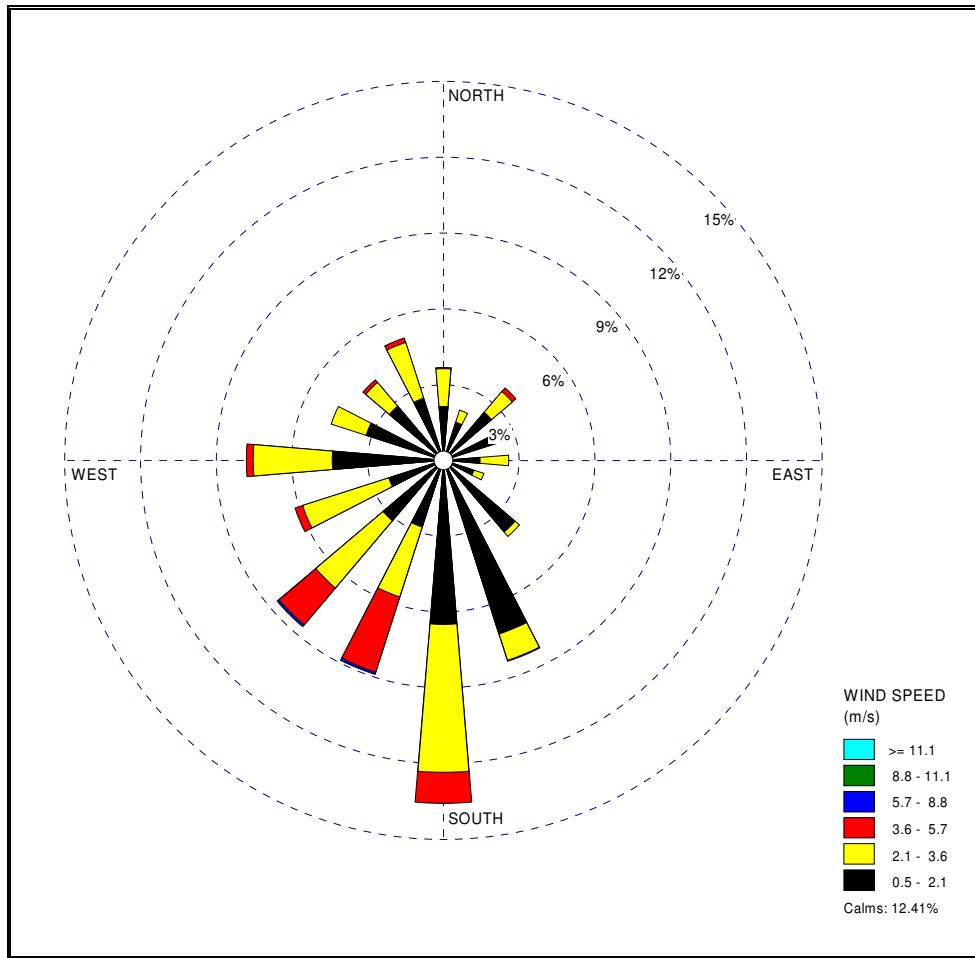
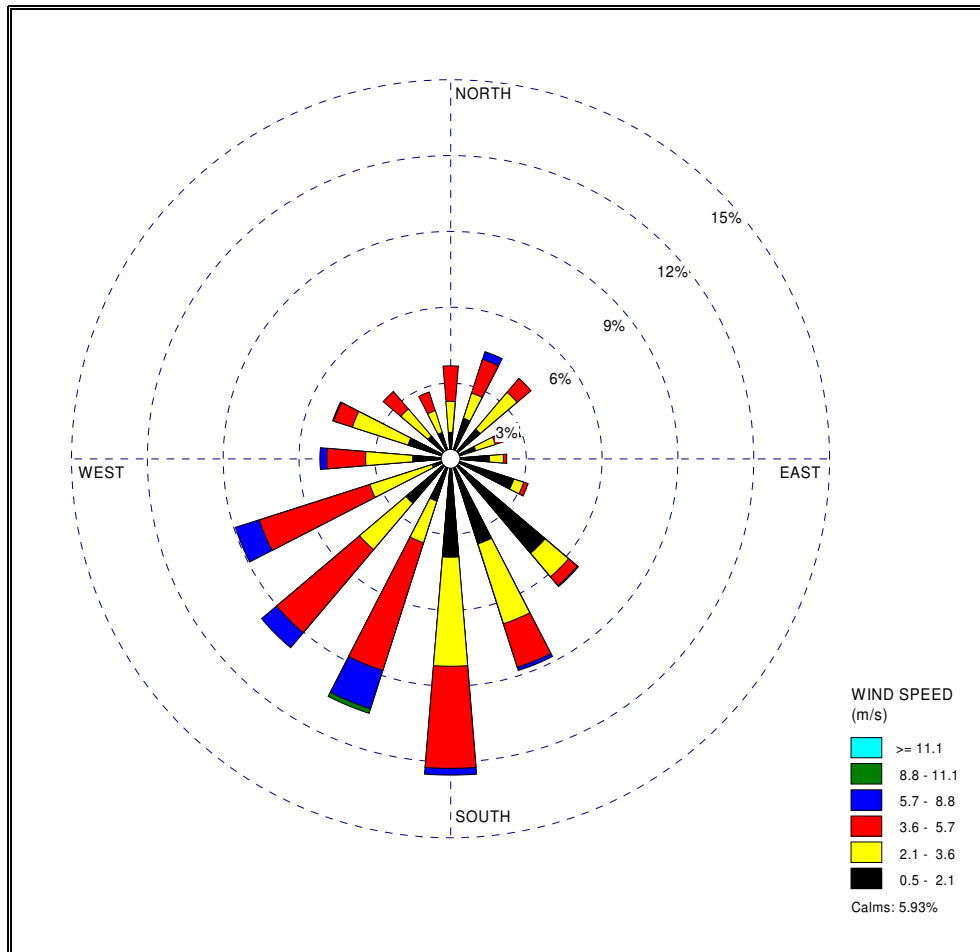


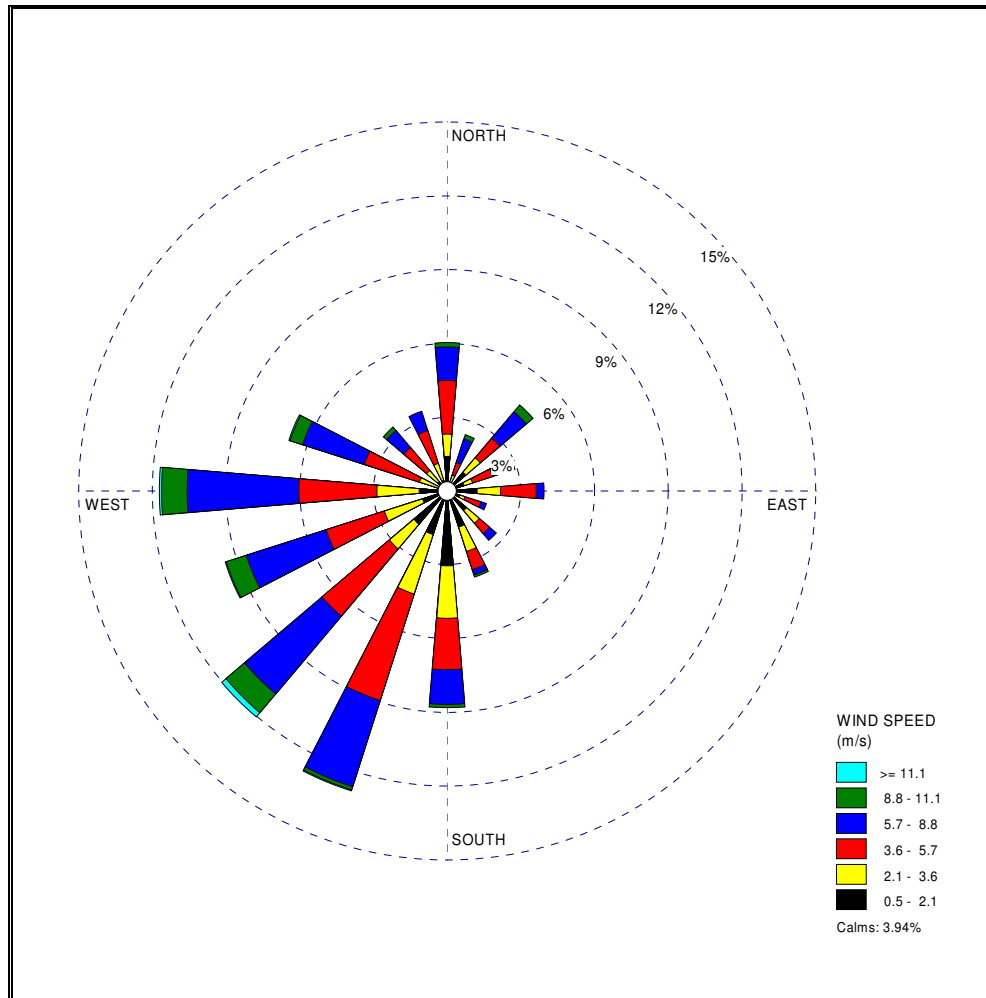
Figure 3.6
St. Clair College Wind Rose for the Quarter



The wind roses at each monitoring station were similar, in that the winds were predominantly from the west to south-southeast directions. Winds were generally stronger at the St. Clair College location, as it is more exposed than the OPHL location. The objective of the meteorological monitoring was to determine the local wind patterns, in order to help interpret the monitoring results.

Figure 3.7 presents the wind rose data from the Environment Canada meteorological station at the Windsor Airport for purposes of comparison. Figure 3.7 shows that the wind behaviour at the airport is similar to the above wind roses, albeit the winds at the airport are much stronger. The wind rose from the airport does not show as strong of a southerly wind component, which is prevalent at each of the air monitoring stations. This comparison illustrates that the wind patterns in the area of the air monitoring stations are influenced by local effects and are slightly different than the broader wind patterns of the area.

Figure 3.7
Windsor Airport Wind Rose for the Quarter



3.3 TRAFFIC DATA

Information on the quantity and type of traffic travelling along Huron Church Road in the area of the air monitoring stations was provided to SENES by URS Canada via MTO to correlate with the monitoring results. The hourly maximum, minimum, and average traffic counts for the entire quarter are summarized in Table 3.12 for each vehicle type (car, short truck, long truck). The daily maximum, minimum, and average counts appear in Table 3.13. The same information separated by month is included in Table 3.14 and Table 3.15, respectively. Figure 3.8 illustrates the daily totals for cars and trucks over the course of the quarter. Refer to Appendix A4 for a tabular summary of all traffic data used in the study.

Table 3.12
Hourly Max/Min/Average Traffic Counts for the Quarter

Vehicle Type	Maximum (#)	Minimum (#)	Average (#)
Car	1,746	22	685
Short Truck	121	0	32
Long Truck	603	7	276

Table 3.13
Daily Max/Min/Average Traffic Counts for the Quarter

Vehicle Type	Maximum (#)	Minimum (#)	Average (#)
Car	21,299	6,837	16,423
Short Truck	1,355	79	761
Long Truck	9,924	698	6,597

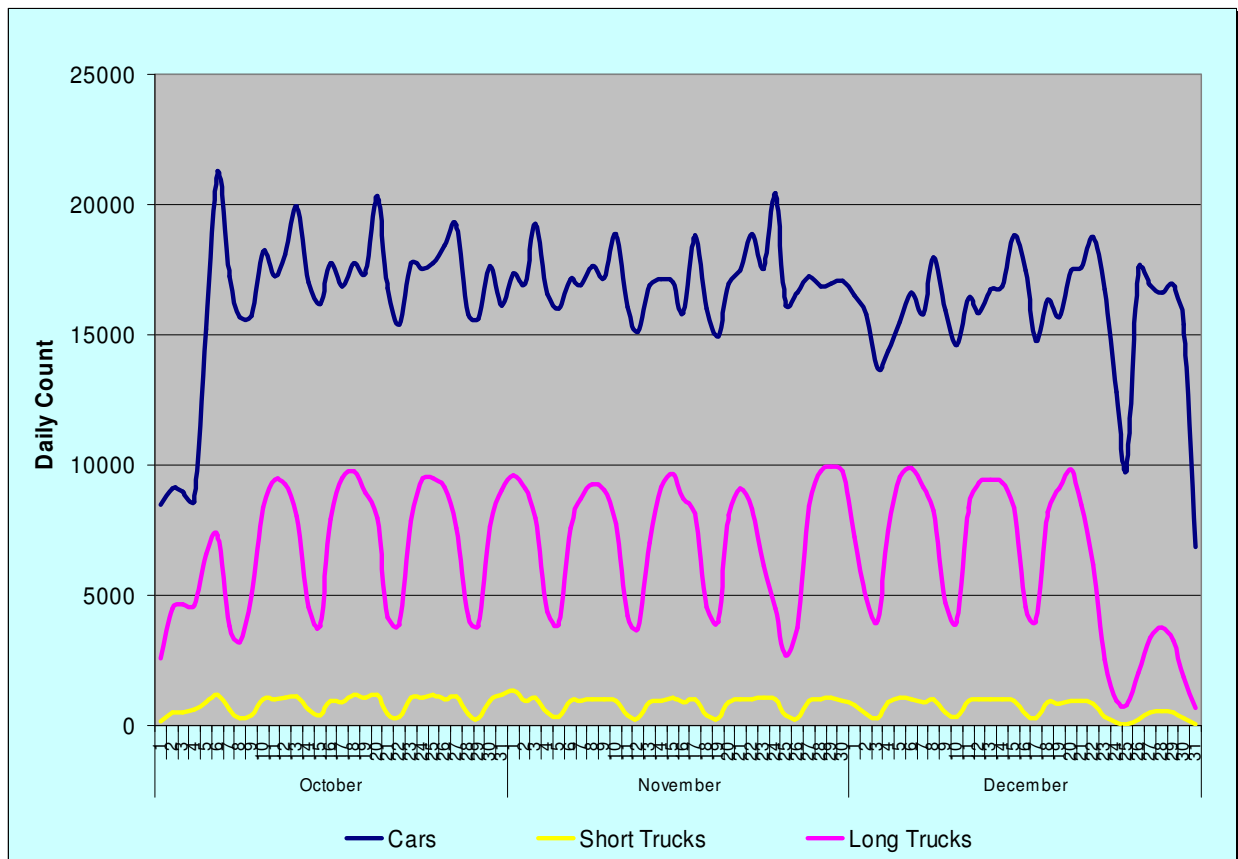
Table 3.14
Hourly Max/Min/Average Traffic Counts by Month

Vehicle Type	October 2006			November 2006			December 2006		
	Max (#)	Min (#)	Avg (#)	Max (#)	Min (#)	Avg (#)	Max (#)	Min (#)	Avg (#)
Car	1,713	22	681	1,746	40	715	1,579	28	659
Short Truck	121	0	33	115	0	35	90	0	27
Long Truck	568	20	278	603	29	302	565	7	248

Table 3.15
Daily Max/Min/Average Traffic Counts by Month

Vehicle Type	October 2006			November 2006			December 2006		
	Max (#)	Min (#)	Avg (#)	Max (#)	Min (#)	Avg (#)	Max (#)	Min (#)	Avg (#)
Car	21,299	8,474	16,292	20,453	14,927	17,134	18,816	6,837	15,781
Short Truck	1,183	196	800	1,355	274	836	1,069	79	648
Long Truck	9,788	2,590	6,654	9,924	2,688	7,232	9,897	698	5,925

Figure 3.8
Daily Traffic Count Totals (Oct. 1 to Dec. 31, 2006)



The troughs in the daily total truck traffic data series represent the weekend days, in which less trucks are travelling towards the border crossing. There are sharp troughs in both the total car counts and the total truck counts on December 25th, 2006 (Christmas Day) and December 31st, 2006 (New Year's Eve).

3.4 DISCUSSION OF RESULTS

The following sections include a discussion of the results for each contaminant presented in Section 3.1.

3.4.1 Nitrogen Oxides

Ambient concentrations of NO_x were collected over the course of the sampling period as hourly averages. There were no measured exceedances of either the 1-hr AAQC of 400 µg/m³, or the 24-hr AAQC of 200 µg/m³ for NO_x. The highest measured hourly average NO_x concentration was 345 µg/m³, or 86% of the AAQC. The highest measured daily average NO_x concentration was 149 µg/m³, or 75% of the AAQC. Both of these were at the St. Clair College location.

3.4.2 PM_{2.5}

In total, there were 92 sampling days during the period covered in this report. The ambient concentrations of PM_{2.5} at each station were comparable to those measured in the past three years (2003 – 2005) at the two MOE monitoring stations located in west Windsor, and the downtown area, respectively. Ambient concentrations exceeded the 24-hr CWS of 30 µg/m³ a total of 13 times at the OPHL location, and 8 times at the St. Clair College location. The number of exceedances of the CWS at the Windsor West station in the years 2003, 2004, and 2005 totalled 7, 9, and 11, respectively. For the same years at the Windsor Downtown station, the total number of exceedances were 6, 8, and 12, respectively. Exceedances of PM_{2.5} may be due to any number of local influences, which may include (but may not be limited to):

- Traffic along the Huron Church/Highway 3 corridor;
- Upwind transboundary sources in the United States;
- Local industrial sources; and/or
- Any other local occurrences that may have resulted in the release of fine particulate matter (i.e. fires, construction activities, etc.)

As outlined in the introduction to this report, the purpose of this monitoring is to obtain a set of baseline air quality data along the Huron Church/Highway 3 corridor, which will be used in an air dispersion modelling assessment. This model will use the baseline data and associated meteorological data to determine the degree to which traffic is contributing to local

concentrations of fine particulate matter, and to which degree other local and transboundary sources may be contributing.

3.4.3 Aldehydes

There were no measured exceedances of the MOE AAQCs for formaldehyde or acetaldehyde during the sampling period. Concentrations of each were well within their respective criteria at both locations. The maximum concentration of each contaminant as a percentage of their respective MOE AAQCs at the Ontario Public Health Laboratory were 0.49% for acetaldehyde, and 7.8% for formaldehyde. At the St. Clair College location, the maximums were 0.49% for acetaldehyde and 8.8% for formaldehyde.

3.4.4 Volatile Organic Compounds

There were no exceedances of the acrolein guideline limit during the sampling period. As with the aldehydes, the concentrations of each of these contaminants were well within their respective standards. At the Ontario Public Health Laboratory, the concentration of benzene reached a maximum of 1.6% of the guideline limit of $60\mu\text{g}/\text{m}^3$, while the maximum concentration of acrolein was 12.0% of the guideline limit of $9.6\mu\text{g}/\text{m}^3$. The maximum concentrations of benzene and acrolein as percentages of the guidelines at the St. Clair College location were 5.1% and 11.8%, respectively.

4.0 Quality Assurance / Quality Control

4.1 VALIDITY OF DATA

For each of the contaminants being monitored, measures were taken to ensure that the data collected would be valid. These measures included regular calibration of the equipment where applicable, as well as proper usage and handling of sampling media. SENES staff visited the stations approximately every 2 weeks to perform routine maintenance and calibrations.

The NO_x analysers were calibrated during every visit to the monitoring stations by SENES personnel. Tanks of zero gas (compressed air) and calibration gas (NO) located on-site were used to set the zero and span of the analysers to ensure that the data recorded was accurate.

The BAM units are self-calibrating, and therefore no ongoing calibrations measures were necessary. However, the filter tapes must be changed on occasion, as they run out. This was done once at each station.

Part of the procedure for collecting samples of aldehydes was to calibrate the pump before and after each sampling period. Also recorded during calibration was the rotometer reading on the pump itself. When the pump was turned on to commence sampling, and turned off at the end of the sampling period, the rotometer readings were compared to the readings during calibration to ensure that the flow rates gathered from calibration were valid to use to calculate the total volume of air sampled.

Another measure taken to ensure valid samples of aldehydes was through sealing of the cartridges and storage of the sampling media in the refrigerator, both before usage and after sampling until ready for shipment. Samples were shipped to the laboratory with an ice-pack, in order to keep the samples at sub-ambient temperature.

In order to ensure validity of the VOC samples, efforts were made to ensure that the valve on each canister was closed before all vacuum pressure was lost (i.e., before registering 0 "Hg on the gauge).

4.2 OUTLIERS

Despite making the efforts outlined in Section 4.1 to ensure data quality, there were occasional erroneous readings from the continuous monitors that were removed before processing. The BAM outputs a reading of 999 ug/m³ when there is an error. These were removed from the dataset. There were also instances in which a repeated number was output for a number of consecutive hours, due to the filter tape getting stuck in place, in one instance this occurred for

19 hours. It is highly unlikely that the ambient concentration would be the same to two decimal places for such a period, and thus this data was removed for 18 of the 19 hours.

The only NO data that was considered to be outlier data was for low concentrations that dropped into negative values. This indicated that the analyser was in need of re-zeroing, which was part of the regular calibration procedure. Negative values were rare as the units were calibrated and zeroed on a regular basis. A total of 23 and 45 negative hours were removed from the data set at the OPHL and St. Clair College stations, respectively.

4.3 MOE AUDIT OF MONITORING STATIONS

On February 21st, 2007, a Senior Environmental Officer (Air) from the MOE London District Office (Technical Services) visited the two air monitoring stations in order to audit the equipment performance and procedures. The Officer inspected the equipment, and observed the VOC and aldehyde sample set-up, as well as a NO_x analyser calibration. All procedures were approved in a memorandum forwarded to SENES and MTO on February 26th, 2007.

5.0 Findings to Date

Two air monitoring stations were strategically set up on either side of the existing Huron Church/Highway 3 corridor in Windsor, Ontario in order to monitor traffic related airborne contaminants that would be expected in the corridor. The information from this monitoring program will be used to establish current baseline conditions in the area for use in the air modelling portion of the Environmental Assessment associated with the Detroit River International Crossing project. Data on ambient concentrations of nitrogen oxides, fine particulate matter, VOCs, aldehydes, and local meteorology were collected beginning on October 1st, 2006 and monitoring will continue until the end of September 2007. This report includes the results of the monitoring program for the first quarter of sampling (up to and including December 31st, 2006). The main findings to date are as follows:

- There were no measured exceedances of the MOE AAQCs (1-hr and 24-hr) for NO_x at either station during the first quarter of sampling;
- There were no measured exceedances of the guideline limits for either of the VOCs (acrolein, benzene) that were included in the monitoring program at any point during the first quarter of sampling;
- There were no exceedances of the MOE AAQCs for either of the aldehydes (acetaldehyde, formaldehyde) that were included in the monitoring program at any point during the first quarter of sampling;
- Exceedances of the Canada Wide Standard (24-hr) for PM_{2.5} were noted at each station (13 at OPHL and 8 at St. Clair College). These may be attributed to any number of local or transboundary sources. The results of the air dispersion modelling will clarify the actual impact of traffic on local concentrations.

6.0 References

Ontario Ministry of the Environment. *Air Quality in Ontario – 2005 Report*. Queen's Printer, 2006.

Ontario Ministry of the Environment. *Transboundary Air Pollution in Ontario*. Queen's Printer, June 2005.

Appendix A1

Record of NO_x Measurements

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/1/2006 0:00	44.6	3.0
10/1/2006 1:00	38.9	2.6
10/1/2006 2:00	36.8	2.5
10/1/2006 3:00	31.0	3.6
10/1/2006 4:00	21.9	2.6
10/1/2006 5:00	12.4	1.1
10/1/2006 6:00	11.4	0.9
10/1/2006 7:00	13.4	3.4
10/1/2006 8:00	17.6	3.6
10/1/2006 9:00	27.4	7.9
10/1/2006 10:00	44.0	20.1
10/1/2006 11:00	49.6	4.1
10/1/2006 12:00	30.9	7.0
10/1/2006 13:00	18.6	3.6
10/1/2006 14:00	12.3	2.2
10/1/2006 15:00	12.2	1.9
10/1/2006 16:00	12.4	4.2
10/1/2006 17:00	13.1	2.8
10/1/2006 18:00	16.8	7.5
10/1/2006 19:00	18.0	10.9
10/1/2006 20:00	14.8	31.9
10/1/2006 21:00	19.4	38.2
10/1/2006 22:00	42.7	72.3
10/1/2006 23:00	75.9	54.4
10/2/2006 0:00	88.1	46.0
10/2/2006 1:00	33.6	35.9
10/2/2006 2:00	28.4	45.7
10/2/2006 3:00	22.1	51.9
10/2/2006 4:00	22.7	43.2
10/2/2006 5:00	61.9	19.8
10/2/2006 6:00	65.9	19.2
10/2/2006 7:00	98.7	2.5
10/2/2006 8:00	73.0	7.0
10/2/2006 9:00	51.1	11.7
10/2/2006 10:00	59.1	10.5
10/2/2006 11:00	55.7	12.9
10/2/2006 12:00	46.7	15.1
10/2/2006 13:00	41.9	9.4
10/2/2006 14:00	33.4	7.5
10/2/2006 15:00	29.8	8.1
10/2/2006 16:00	32.9	5.6
10/2/2006 17:00	35.9	4.4
10/2/2006 18:00	24.9	3.6

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/2/2006 19:00	35.5	6.7
10/2/2006 20:00	13.5	57.6
10/2/2006 21:00	54.2	64.0
10/2/2006 22:00	37.3	60.4
10/2/2006 23:00	23.1	51.4
10/3/2006 0:00	27.4	46.7
10/3/2006 1:00	88.5	30.6
10/3/2006 2:00	85.8	12.9
10/3/2006 3:00	28.7	5.9
10/3/2006 4:00	30.9	5.7
10/3/2006 5:00	25.5	4.6
10/3/2006 6:00	25.1	5.5
10/3/2006 7:00	41.1	31.0
10/3/2006 8:00	46.5	14.0
10/3/2006 9:00	33.9	11.7
10/3/2006 10:00	67.0	8.4
10/3/2006 11:00	63.6	20.1
10/3/2006 12:00	103.3	59.6
10/3/2006 13:00	57.3	36.5
10/3/2006 14:00	38.4	27.0
10/3/2006 15:00	49.2	16.2
10/3/2006 16:00	35.9	6.8
10/3/2006 17:00	29.3	6.1
10/3/2006 18:00	25.6	4.2
10/3/2006 19:00	18.2	3.3
10/3/2006 20:00	10.7	3.2
10/3/2006 21:00	9.9	3.3
10/3/2006 22:00	11.2	3.3
10/3/2006 23:00	18.2	2.4
10/4/2006 0:00	22.8	1.7
10/4/2006 1:00	22.6	2.0
10/4/2006 2:00	17.2	3.7
10/4/2006 3:00	15.2	4.9
10/4/2006 4:00	16.7	5.7
10/4/2006 5:00	12.0	4.7
10/4/2006 6:00	19.6	5.5
10/4/2006 7:00	17.0	20.8
10/4/2006 8:00	24.4	31.1
10/4/2006 9:00	58.5	17.6
10/4/2006 10:00	37.7	6.7
10/4/2006 11:00	27.8	5.2
10/4/2006 12:00	27.4	4.3
10/4/2006 13:00	49.1	6.6

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/4/2006 14:00	54.9	12.3
10/4/2006 15:00	48.4	38.1
10/4/2006 16:00	12.2	25.2
10/4/2006 17:00	3.8	17.9
10/4/2006 18:00	2.3	19.3
10/4/2006 19:00	1.4	17.6
10/4/2006 20:00	0.1	16.3
10/4/2006 21:00	outlier removed	14.5
10/4/2006 22:00	0.3	13.8
10/4/2006 23:00	0.4	11.2
10/5/2006 0:00	2.2	8.0
10/5/2006 1:00	1.7	6.8
10/5/2006 2:00	outlier removed	3.6
10/5/2006 3:00	outlier removed	1.1
10/5/2006 4:00	outlier removed	1.6
10/5/2006 5:00	outlier removed	2.8
10/5/2006 6:00	outlier removed	3.8
10/5/2006 7:00	outlier removed	8.7
10/5/2006 8:00	2.8	22.6
10/5/2006 9:00	3.4	23.9
10/5/2006 10:00	3.2	20.6
10/5/2006 11:00	0.3	16.6
10/5/2006 12:00	outlier removed	23.0
10/5/2006 13:00	outlier removed	19.3
10/5/2006 14:00	0.2	18.3
10/5/2006 15:00	2.9	21.8
10/5/2006 16:00	0.6	22.0
10/5/2006 17:00	outlier removed	24.7
10/5/2006 18:00	0.3	25.2
10/5/2006 19:00	1.5	20.5
10/5/2006 20:00	3.1	19.6
10/5/2006 21:00	4.7	25.9
10/5/2006 22:00	4.4	20.6
10/5/2006 23:00	3.9	14.8
10/6/2006 0:00	5.4	11.4
10/6/2006 1:00	5.4	15.0
10/6/2006 2:00	7.3	5.6
10/6/2006 3:00	6.8	7.4
10/6/2006 4:00	10.7	4.7
10/6/2006 5:00	12.8	14.5
10/6/2006 6:00	8.5	11.7
10/6/2006 7:00	12.6	23.0
10/6/2006 8:00	22.0	36.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/6/2006 9:00	36.6	52.1
10/6/2006 10:00	13.0	22.2
10/6/2006 11:00	2.8	18.7
10/6/2006 12:00	outlier removed	18.4
10/6/2006 13:00	outlier removed	22.8
10/6/2006 14:00	outlier removed	17.7
10/6/2006 15:00	outlier removed	19.2
10/6/2006 16:00	outlier removed	22.1
10/6/2006 17:00	outlier removed	19.7
10/6/2006 18:00	1.7	22.0
10/6/2006 19:00	2.2	27.1
10/6/2006 20:00	8.6	39.9
10/6/2006 21:00	18.0	42.5
10/6/2006 22:00	16.3	32.6
10/6/2006 23:00	10.9	25.5
10/7/2006 0:00	11.3	25.2
10/7/2006 1:00	102.9	30.0
10/7/2006 2:00	17.1	35.9
10/7/2006 3:00	7.2	31.0
10/7/2006 4:00	51.6	30.1
10/7/2006 5:00	72.8	33.7
10/7/2006 6:00	60.1	29.0
10/7/2006 7:00	32.0	26.3
10/7/2006 8:00	38.4	41.3
10/7/2006 9:00	46.3	36.0
10/7/2006 10:00	25.3	22.8
10/7/2006 11:00	15.0	13.3
10/7/2006 12:00	2.5	10.8
10/7/2006 13:00	0.4	5.5
10/7/2006 14:00	0.2	4.6
10/7/2006 15:00	outlier removed	3.1
10/7/2006 16:00	0.2	2.3
10/7/2006 17:00	4.9	1.6
10/7/2006 18:00	2.4	9.6
10/7/2006 19:00	6.3	4.3
10/7/2006 20:00	16.8	2.9
10/7/2006 21:00	16.4	3.9
10/7/2006 22:00	15.8	33.9
10/7/2006 23:00	47.1	49.0
10/8/2006 0:00	33.2	52.2
10/8/2006 1:00	24.7	36.5
10/8/2006 2:00	19.2	35.5
10/8/2006 3:00	19.0	29.0

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/8/2006 4:00	32.8	20.4
10/8/2006 5:00	43.2	23.9
10/8/2006 6:00	26.6	29.5
10/8/2006 7:00	65.8	26.5
10/8/2006 8:00	79.2	23.7
10/8/2006 9:00	97.8	48.0
10/8/2006 10:00	82.0	41.4
10/8/2006 11:00	57.6	25.8
10/8/2006 12:00	27.5	11.1
10/8/2006 13:00	28.6	6.9
10/8/2006 14:00	19.2	13.7
10/8/2006 15:00	26.7	21.3
10/8/2006 16:00	50.2	26.8
10/8/2006 17:00	34.7	17.7
10/8/2006 18:00	29.4	10.6
10/8/2006 19:00	28.9	9.6
10/8/2006 20:00	32.3	8.2
10/8/2006 21:00	64.3	9.3
10/8/2006 22:00	31.7	7.4
10/8/2006 23:00	31.0	5.5
10/9/2006 0:00	40.8	4.5
10/9/2006 1:00	53.6	13.1
10/9/2006 2:00	71.7	47.1
10/9/2006 3:00	128.2	26.5
10/9/2006 4:00	131.4	7.7
10/9/2006 5:00	50.5	1.7
10/9/2006 6:00	101.0	2.4
10/9/2006 7:00	123.8	1.9
10/9/2006 8:00	146.2	17.0
10/9/2006 9:00	162.5	11.1
10/9/2006 10:00	58.8	32.9
10/9/2006 11:00	104.8	52.9
10/9/2006 12:00	42.9	32.5
10/9/2006 13:00	40.2	23.6
10/9/2006 14:00	24.1	20.6
10/9/2006 15:00	21.2	24.3
10/9/2006 16:00	23.5	29.7
10/9/2006 17:00	15.4	26.6
10/9/2006 18:00	4.9	14.9
10/9/2006 19:00	1.6	10.4
10/9/2006 20:00	3.2	15.7
10/9/2006 21:00	1.2	12.6
10/9/2006 22:00	0.7	8.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/9/2006 23:00	0.3	7.2
10/10/2006 0:00	4.5	9.1
10/10/2006 1:00	4.7	9.4
10/10/2006 2:00	3.9	10.0
10/10/2006 3:00	4.5	7.8
10/10/2006 4:00	8.9	9.9
10/10/2006 5:00	5.5	10.3
10/10/2006 6:00	5.4	10.0
10/10/2006 7:00	7.7	15.9
10/10/2006 8:00	13.4	26.1
10/10/2006 9:00	23.7	32.4
10/10/2006 10:00	21.9	28.9
10/10/2006 11:00	13.4	26.6
10/10/2006 12:00	11.4	28.9
10/10/2006 13:00	12.6	32.0
10/10/2006 14:00	10.9	32.2
10/10/2006 15:00	7.9	39.3
10/10/2006 16:00	7.4	50.2
10/10/2006 17:00	11.0	55.7
10/10/2006 18:00	17.2	56.5
10/10/2006 19:00	17.5	54.8
10/10/2006 20:00	23.5	66.7
10/10/2006 21:00	27.0	70.1
10/10/2006 22:00	21.5	47.0
10/10/2006 23:00	15.9	33.3
10/11/2006 0:00	12.4	24.1
10/11/2006 1:00	17.8	21.8
10/11/2006 2:00	11.5	20.6
10/11/2006 3:00	18.6	18.2
10/11/2006 4:00	10.2	22.0
10/11/2006 5:00	23.2	19.1
10/11/2006 6:00	36.8	5.8
10/11/2006 7:00	11.1	9.1
10/11/2006 8:00	31.8	4.8
10/11/2006 9:00	34.8	6.2
10/11/2006 10:00	49.4	6.5
10/11/2006 11:00	29.9	4.8
10/11/2006 12:00	17.8	3.0
10/11/2006 13:00	17.9	3.7
10/11/2006 14:00	15.1	3.8
10/11/2006 15:00	21.5	4.2
10/11/2006 16:00	23.5	6.8
10/11/2006 17:00	17.3	5.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/11/2006 18:00	19.0	4.7
10/11/2006 19:00	20.6	4.4
10/11/2006 20:00	20.5	3.8
10/11/2006 21:00	24.2	3.8
10/11/2006 22:00	19.6	1.8
10/11/2006 23:00	19.3	0.8
10/12/2006 0:00	18.8	0.5
10/12/2006 1:00	13.1	outlier removed
10/12/2006 2:00	11.1	outlier removed
10/12/2006 3:00	6.7	outlier removed
10/12/2006 4:00	14.6	outlier removed
10/12/2006 5:00	16.5	3.4
10/12/2006 6:00	24.5	0.2
10/12/2006 7:00	22.8	outlier removed
10/12/2006 8:00	23.0	outlier removed
10/12/2006 9:00	26.4	1.1
10/12/2006 10:00	23.3	outlier removed
10/12/2006 11:00	21.6	outlier removed
10/12/2006 12:00	15.3	outlier removed
10/12/2006 13:00	14.2	outlier removed
10/12/2006 14:00	12.9	outlier removed
10/12/2006 15:00	15.9	outlier removed
10/12/2006 16:00	14.8	outlier removed
10/12/2006 17:00	12.1	outlier removed
10/12/2006 18:00	21.9	outlier removed
10/12/2006 19:00	27.0	0.2
10/12/2006 20:00	38.1	1.0
10/12/2006 21:00	25.8	1.9
10/12/2006 22:00	22.0	1.1
10/12/2006 23:00	16.9	outlier removed
10/13/2006 0:00	11.8	outlier removed
10/13/2006 1:00	7.0	outlier removed
10/13/2006 2:00	7.5	3.0
10/13/2006 3:00	5.8	2.5
10/13/2006 4:00	5.6	3.5
10/13/2006 5:00	8.6	3.2
10/13/2006 6:00	8.1	3.5
10/13/2006 7:00	9.4	0.4
10/13/2006 8:00	10.0	outlier removed
10/13/2006 9:00	12.4	0.9
10/13/2006 10:00	10.9	0.8
10/13/2006 11:00	10.2	outlier removed
10/13/2006 12:00	11.6	outlier removed

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/13/2006 13:00	10.6	outlier removed
10/13/2006 14:00	10.5	outlier removed
10/13/2006 15:00	13.4	outlier removed
10/13/2006 16:00	14.9	outlier removed
10/13/2006 17:00	17.6	outlier removed
10/13/2006 18:00	29.9	0.8
10/13/2006 19:00	18.8	0.1
10/13/2006 20:00	22.2	outlier removed
10/13/2006 21:00	22.0	0.03
10/13/2006 22:00	13.6	outlier removed
10/13/2006 23:00	9.0	outlier removed
10/14/2006 0:00	8.4	outlier removed
10/14/2006 1:00	4.9	outlier removed
10/14/2006 2:00	3.6	outlier removed
10/14/2006 3:00	5.1	outlier removed
10/14/2006 4:00	5.0	outlier removed
10/14/2006 5:00	5.9	0.2
10/14/2006 6:00	5.7	1.4
10/14/2006 7:00	10.4	1.3
10/14/2006 8:00	7.8	outlier removed
10/14/2006 9:00	16.0	outlier removed
10/14/2006 10:00	23.1	4.1
10/14/2006 11:00	18.1	3.5
10/14/2006 12:00	11.8	0.7
10/14/2006 13:00	11.0	outlier removed
10/14/2006 14:00	10.4	0.3
10/14/2006 15:00	9.1	1.2
10/14/2006 16:00	9.6	1.7
10/14/2006 17:00	7.7	1.3
10/14/2006 18:00	7.1	1.4
10/14/2006 19:00	9.3	1.0
10/14/2006 20:00	15.8	0.8
10/14/2006 21:00	14.3	6.6
10/14/2006 22:00	26.3	6.3
10/14/2006 23:00	22.6	1.8
10/15/2006 0:00	30.9	2.6
10/15/2006 1:00	25.8	5.0
10/15/2006 2:00	15.8	4.2
10/15/2006 3:00	13.3	6.6
10/15/2006 4:00	16.1	6.6
10/15/2006 5:00	23.4	3.3
10/15/2006 6:00	17.9	8.5
10/15/2006 7:00	37.4	9.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/15/2006 8:00	29.3	3.4
10/15/2006 9:00	36.0	1.9
10/15/2006 10:00	12.0	1.5
10/15/2006 11:00	8.5	outlier removed
10/15/2006 12:00	7.8	outlier removed
10/15/2006 13:00	7.2	0.6
10/15/2006 14:00	7.4	0.9
10/15/2006 15:00	9.1	1.6
10/15/2006 16:00	10.0	2.3
10/15/2006 17:00	14.0	3.3
10/15/2006 18:00	20.7	4.5
10/15/2006 19:00	31.8	4.6
10/15/2006 20:00	45.2	3.3
10/15/2006 21:00	35.8	3.3
10/15/2006 22:00	31.4	2.6
10/15/2006 23:00	19.9	2.2
10/16/2006 0:00	34.1	1.3
10/16/2006 1:00	57.5	4.1
10/16/2006 2:00	62.5	7.1
10/16/2006 3:00	53.2	6.5
10/16/2006 4:00	53.6	4.8
10/16/2006 5:00	28.2	29.1
10/16/2006 6:00	27.6	32.2
10/16/2006 7:00	37.1	3.5
10/16/2006 8:00	30.5	5.1
10/16/2006 9:00	42.7	10.2
10/16/2006 10:00	30.0	11.2
10/16/2006 11:00	33.4	4.7
10/16/2006 12:00	35.4	5.6
10/16/2006 13:00	42.9	8.0
10/16/2006 14:00	41.9	9.6
10/16/2006 15:00	17.2	9.2
10/16/2006 16:00	15.8	8.8
10/16/2006 17:00	14.6	8.2
10/16/2006 18:00	22.3	11.2
10/16/2006 19:00	32.0	11.9
10/16/2006 20:00	39.2	10.6
10/16/2006 21:00	30.3	9.4
10/16/2006 22:00	21.4	8.9
10/16/2006 23:00	18.5	8.7
10/17/2006 0:00	14.4	6.3
10/17/2006 1:00	9.9	4.6
10/17/2006 2:00	7.0	3.6

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/17/2006 3:00	5.8	3.7
10/17/2006 4:00	7.7	5.7
10/17/2006 5:00	5.8	2.7
10/17/2006 6:00	4.9	1.6
10/17/2006 7:00	3.7	0.5
10/17/2006 8:00	4.7	outlier removed
10/17/2006 9:00	4.8	0.01
10/17/2006 10:00	5.5	outlier removed
10/17/2006 11:00	17.7	outlier removed
10/17/2006 12:00	25.7	0.6
10/17/2006 13:00	22.2	1.5
10/17/2006 14:00	20.9	2.0
10/17/2006 15:00	23.7	3.7
10/17/2006 16:00	24.5	4.2
10/17/2006 17:00	23.3	4.5
10/17/2006 18:00	23.1	6.1
10/17/2006 19:00	24.1	5.9
10/17/2006 20:00	27.8	4.8
10/17/2006 21:00	21.0	3.6
10/17/2006 22:00	25.8	3.4
10/17/2006 23:00	28.4	3.2
10/18/2006 0:00	29.1	3.9
10/18/2006 1:00	28.5	4.6
10/18/2006 2:00	22.5	5.5
10/18/2006 3:00	21.4	3.8
10/18/2006 4:00	23.4	4.5
10/18/2006 5:00	24.5	4.0
10/18/2006 6:00	21.9	3.4
10/18/2006 7:00	38.5	3.4
10/18/2006 8:00	45.8	4.9
10/18/2006 9:00	43.0	6.8
10/18/2006 10:00	50.2	8.4
10/18/2006 11:00	42.3	10.0
10/18/2006 12:00	45.5	12.5
10/18/2006 13:00	37.5	14.5
10/18/2006 14:00	38.3	12.1
10/18/2006 15:00	40.4	11.4
10/18/2006 16:00	41.2	9.8
10/18/2006 17:00	34.6	8.0
10/18/2006 18:00	39.3	6.1
10/18/2006 19:00	43.5	4.7
10/18/2006 20:00	35.2	4.8
10/18/2006 21:00	31.3	3.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/18/2006 22:00	27.1	3.5
10/18/2006 23:00	25.8	3.7
10/19/2006 0:00	21.4	3.2
10/19/2006 1:00	13.2	3.2
10/19/2006 2:00	11.9	4.1
10/19/2006 3:00	13.6	4.8
10/19/2006 4:00	13.4	6.1
10/19/2006 5:00	16.8	6.3
10/19/2006 6:00	18.3	10.0
10/19/2006 7:00	31.3	14.7
10/19/2006 8:00	29.2	15.6
10/19/2006 9:00	33.8	19.1
10/19/2006 10:00	40.1	18.8
10/19/2006 11:00	50.3	11.1
10/19/2006 12:00	35.3	19.4
10/19/2006 13:00	33.5	22.5
10/19/2006 14:00	35.9	16.1
10/19/2006 15:00	31.3	19.7
10/19/2006 16:00	45.9	23.7
10/19/2006 17:00	44.4	20.7
10/19/2006 18:00	37.7	25.3
10/19/2006 19:00	37.5	22.1
10/19/2006 20:00	50.8	21.9
10/19/2006 21:00	35.2	32.5
10/19/2006 22:00	26.4	34.2
10/19/2006 23:00	14.8	30.3
10/20/2006 0:00	46.4	25.6
10/20/2006 1:00	43.9	29.4
10/20/2006 2:00	33.2	18.9
10/20/2006 3:00	17.6	21.8
10/20/2006 4:00	24.9	22.3
10/20/2006 5:00	53.2	25.3
10/20/2006 6:00	39.2	25.9
10/20/2006 7:00	35.1	30.2
10/20/2006 8:00	80.0	30.4
10/20/2006 9:00	58.9	33.4
10/20/2006 10:00	62.0	27.2
10/20/2006 11:00	49.7	25.2
10/20/2006 12:00	45.9	14.6
10/20/2006 13:00	32.3	14.0
10/20/2006 14:00	34.3	14.3
10/20/2006 15:00	37.1	6.5
10/20/2006 16:00	28.1	1.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/20/2006 17:00	24.9	2.5
10/20/2006 18:00	31.0	2.6
10/20/2006 19:00	43.8	1.8
10/20/2006 20:00	33.2	3.5
10/20/2006 21:00	68.7	4.6
10/20/2006 22:00	75.0	4.6
10/20/2006 23:00	71.3	12.1
10/21/2006 0:00	42.0	7.9
10/21/2006 1:00	34.3	10.0
10/21/2006 2:00	38.9	10.7
10/21/2006 3:00	32.5	5.4
10/21/2006 4:00	24.5	3.0
10/21/2006 5:00	15.7	2.1
10/21/2006 6:00	15.1	1.7
10/21/2006 7:00	14.4	2.0
10/21/2006 8:00	18.8	2.9
10/21/2006 9:00	25.7	2.7
10/21/2006 10:00	30.1	5.1
10/21/2006 11:00	25.5	3.5
10/21/2006 12:00	22.1	3.7
10/21/2006 13:00	23.4	4.2
10/21/2006 14:00	23.6	5.8
10/21/2006 15:00	19.9	5.5
10/21/2006 16:00	18.7	4.0
10/21/2006 17:00	12.8	4.8
10/21/2006 18:00	14.9	4.7
10/21/2006 19:00	16.9	3.8
10/21/2006 20:00	22.8	3.0
10/21/2006 21:00	29.5	2.6
10/21/2006 22:00	25.9	1.7
10/21/2006 23:00	13.3	3.5
10/22/2006 0:00	13.6	3.4
10/22/2006 1:00	4.9	19.3
10/22/2006 2:00	12.3	7.9
10/22/2006 3:00	9.7	9.9
10/22/2006 4:00	8.6	10.9
10/22/2006 5:00	9.0	10.5
10/22/2006 6:00	8.5	7.9
10/22/2006 7:00	11.8	6.4
10/22/2006 8:00	15.2	2.2
10/22/2006 9:00	20.2	2.4
10/22/2006 10:00	15.8	3.2
10/22/2006 11:00	18.3	2.6

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/22/2006 12:00	16.7	1.8
10/22/2006 13:00	14.3	1.6
10/22/2006 14:00	16.0	1.3
10/22/2006 15:00	14.6	0.3
10/22/2006 16:00	9.7	outlier removed
10/22/2006 17:00	9.0	0.01
10/22/2006 18:00	15.8	1.5
10/22/2006 19:00	18.4	9.6
10/22/2006 20:00	12.4	5.6
10/22/2006 21:00	12.5	6.3
10/22/2006 22:00	17.9	5.9
10/22/2006 23:00	17.5	6.4
10/23/2006 0:00	17.8	8.4
10/23/2006 1:00	12.2	0.9
10/23/2006 2:00	9.4	0.6
10/23/2006 3:00	7.9	0.1
10/23/2006 4:00	6.3	outlier removed
10/23/2006 5:00	7.6	outlier removed
10/23/2006 6:00	12.3	0.2
10/23/2006 7:00	21.5	1.7
10/23/2006 8:00	27.0	3.1
10/23/2006 9:00	32.1	3.4
10/23/2006 10:00	31.9	2.9
10/23/2006 11:00	27.6	2.9
10/23/2006 12:00	27.6	1.9
10/23/2006 13:00	24.9	1.5
10/23/2006 14:00	30.8	1.2
10/23/2006 15:00	25.2	1.6
10/23/2006 16:00	26.8	1.8
10/23/2006 17:00	30.0	1.7
10/23/2006 18:00	29.6	1.5
10/23/2006 19:00	27.9	3.3
10/23/2006 20:00	28.1	4.0
10/23/2006 21:00	27.8	4.2
10/23/2006 22:00	30.7	4.0
10/23/2006 23:00	25.2	4.5
10/24/2006 0:00	21.5	3.2
10/24/2006 1:00	21.1	2.3
10/24/2006 2:00	19.4	3.7
10/24/2006 3:00	18.3	3.2
10/24/2006 4:00	20.0	3.0
10/24/2006 5:00	28.3	2.8
10/24/2006 6:00	33.4	3.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/24/2006 7:00	36.8	6.2
10/24/2006 8:00	35.4	13.1
10/24/2006 9:00	34.7	16.2
10/24/2006 10:00	33.7	15.4
10/24/2006 11:00	25.8	15.2
10/24/2006 12:00	24.4	10.7
10/24/2006 13:00	26.8	10.7
10/24/2006 14:00	26.4	8.9
10/24/2006 15:00	32.3	11.6
10/24/2006 16:00	29.0	13.1
10/24/2006 17:00	35.3	21.0
10/24/2006 18:00	35.5	21.8
10/24/2006 19:00	51.1	31.5
10/24/2006 20:00	59.8	44.1
10/24/2006 21:00	30.9	24.3
10/24/2006 22:00	47.7	20.9
10/24/2006 23:00	40.8	22.4
10/25/2006 0:00	41.8	25.0
10/25/2006 1:00	35.1	21.7
10/25/2006 2:00	26.3	17.8
10/25/2006 3:00	28.7	18.0
10/25/2006 4:00	31.5	17.8
10/25/2006 5:00	30.9	16.2
10/25/2006 6:00	36.0	7.5
10/25/2006 7:00	57.9	10.7
10/25/2006 8:00	61.7	16.0
10/25/2006 9:00	88.0	32.0
10/25/2006 10:00	57.6	23.9
10/25/2006 11:00	40.8	20.5
10/25/2006 12:00	34.9	12.9
10/25/2006 13:00	30.2	20.0
10/25/2006 14:00	40.1	16.0
10/25/2006 15:00	40.4	21.2
10/25/2006 16:00	30.4	14.3
10/25/2006 17:00	37.5	24.8
10/25/2006 18:00	33.1	30.1
10/25/2006 19:00	25.5	53.3
10/25/2006 20:00	17.6	67.4
10/25/2006 21:00	22.6	36.4
10/25/2006 22:00	47.2	40.5
10/25/2006 23:00	45.4	7.9
10/26/2006 0:00	53.1	7.4
10/26/2006 1:00	34.7	55.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/26/2006 2:00	19.0	92.6
10/26/2006 3:00	28.2	100.2
10/26/2006 4:00	58.9	68.4
10/26/2006 5:00	121.1	97.4
10/26/2006 6:00	122.2	128.5
10/26/2006 7:00	84.3	132.9
10/26/2006 8:00	118.9	139.7
10/26/2006 9:00	93.0	190.6
10/26/2006 10:00	89.8	138.8
10/26/2006 11:00	71.1	21.2
10/26/2006 12:00	14.4	5.1
10/26/2006 13:00	12.7	6.7
10/26/2006 14:00	15.1	3.3
10/26/2006 15:00	22.6	2.8
10/26/2006 16:00	29.1	2.7
10/26/2006 17:00	24.4	1.7
10/26/2006 18:00	3.9	3.6
10/26/2006 19:00	6.1	5.7
10/26/2006 20:00	3.9	32.5
10/26/2006 21:00	1.7	24.4
10/26/2006 22:00	2.9	35.5
10/26/2006 23:00	outlier removed	36.2
10/27/2006 0:00	12.8	45.0
10/27/2006 1:00	12.3	32.7
10/27/2006 2:00	outlier removed	21.4
10/27/2006 3:00	outlier removed	25.3
10/27/2006 4:00	outlier removed	27.2
10/27/2006 5:00	outlier removed	20.2
10/27/2006 6:00	outlier removed	20.1
10/27/2006 7:00	6.0	25.2
10/27/2006 8:00	9.7	36.0
10/27/2006 9:00	28.1	42.4
10/27/2006 10:00	15.2	29.5
10/27/2006 11:00	12.0	45.7
10/27/2006 12:00	14.6	53.1
10/27/2006 13:00	15.8	48.0
10/27/2006 14:00	22.0	48.0
10/27/2006 15:00	19.1	41.9
10/27/2006 16:00	23.1	47.7
10/27/2006 17:00	24.1	37.3
10/27/2006 18:00	20.1	34.5
10/27/2006 19:00	22.9	36.2
10/27/2006 20:00	19.9	27.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/27/2006 21:00	22.0	29.9
10/27/2006 22:00	31.4	30.0
10/27/2006 23:00	50.2	37.0
10/28/2006 0:00	42.5	37.5
10/28/2006 1:00	33.2	29.3
10/28/2006 2:00	32.4	20.7
10/28/2006 3:00	33.3	19.0
10/28/2006 4:00	38.2	19.1
10/28/2006 5:00	31.2	14.2
10/28/2006 6:00	22.8	12.8
10/28/2006 7:00	27.8	11.9
10/28/2006 8:00	46.3	12.5
10/28/2006 9:00	43.5	8.3
10/28/2006 10:00	35.8	7.7
10/28/2006 11:00	41.6	7.2
10/28/2006 12:00	30.7	5.8
10/28/2006 13:00	32.4	4.2
10/28/2006 14:00	20.8	3.3
10/28/2006 15:00	36.6	3.8
10/28/2006 16:00	43.8	9.5
10/28/2006 17:00	30.9	7.6
10/28/2006 18:00	36.0	3.3
10/28/2006 19:00	40.6	2.9
10/28/2006 20:00	16.8	3.4
10/28/2006 21:00	30.4	6.6
10/28/2006 22:00	34.3	3.1
10/28/2006 23:00	34.0	5.4
10/29/2006 0:00	25.5	4.7
10/29/2006 1:00	23.2	4.8
10/29/2006 2:00	21.6	3.6
10/29/2006 3:00	16.7	2.4
10/29/2006 4:00	13.1	2.4
10/29/2006 5:00	8.2	1.8
10/29/2006 6:00	8.0	1.6
10/29/2006 7:00	13.4	2.7
10/29/2006 8:00	13.7	2.4
10/29/2006 9:00	22.4	4.0
10/29/2006 10:00	24.3	3.4
10/29/2006 11:00	22.5	2.9
10/29/2006 12:00	28.3	2.1
10/29/2006 13:00	25.2	4.5
10/29/2006 14:00	21.9	1.6
10/29/2006 15:00	18.1	1.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/29/2006 16:00	15.2	1.2
10/29/2006 17:00	22.5	1.6
10/29/2006 18:00	23.5	1.7
10/29/2006 19:00	43.4	3.2
10/29/2006 20:00	72.2	5.9
10/29/2006 21:00	73.4	8.0
10/29/2006 22:00	66.3	5.9
10/29/2006 23:00	77.4	6.3
10/30/2006 0:00	78.8	6.7
10/30/2006 1:00	93.3	9.5
10/30/2006 2:00	86.7	19.8
10/30/2006 3:00	114.5	74.0
10/30/2006 4:00	262.1	16.0
10/30/2006 5:00	98.9	56.4
10/30/2006 6:00	135.8	19.2
10/30/2006 7:00	119.4	16.4
10/30/2006 8:00	318.9	19.1
10/30/2006 9:00	163.4	25.5
10/30/2006 10:00	130.7	11.3
10/30/2006 11:00	63.7	9.8
10/30/2006 12:00	67.1	11.2
10/30/2006 13:00	73.7	15.8
10/30/2006 14:00	69.9	17.3
10/30/2006 15:00	74.4	19.8
10/30/2006 16:00	59.2	9.1
10/30/2006 17:00	60.0	8.8
10/30/2006 18:00	59.8	6.7
10/30/2006 19:00	79.4	5.8
10/30/2006 20:00	60.9	6.9
10/30/2006 21:00	64.5	7.7
10/30/2006 22:00	46.5	4.2
10/30/2006 23:00	41.7	2.7
10/31/2006 0:00	34.3	3.1
10/31/2006 1:00	50.2	5.0
10/31/2006 2:00	52.9	9.2
10/31/2006 3:00	37.9	7.6
10/31/2006 4:00	29.1	5.4
10/31/2006 5:00	27.3	5.6
10/31/2006 6:00	21.5	4.0
10/31/2006 7:00	24.8	2.8
10/31/2006 8:00	25.9	6.1
10/31/2006 9:00	42.8	6.7
10/31/2006 10:00	46.2	9.3

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
10/31/2006 11:00	50.8	5.7
10/31/2006 12:00	43.7	5.0
10/31/2006 13:00	54.8	5.8
10/31/2006 14:00	57.9	8.5
10/31/2006 15:00	59.6	8.6
10/31/2006 16:00	29.3	8.4
10/31/2006 17:00	28.7	10.5
10/31/2006 18:00	29.7	8.1
10/31/2006 19:00	45.6	9.8
10/31/2006 20:00	45.5	16.6
10/31/2006 21:00	45.7	21.2
10/31/2006 22:00	42.5	19.0
10/31/2006 23:00	35.0	21.0
11/1/2006 0:00	49.2	21.5
11/1/2006 1:00	56.4	15.7
11/1/2006 2:00	61.7	13.5
11/1/2006 3:00	48.7	18.6
11/1/2006 4:00	38.6	32.4
11/1/2006 5:00	44.1	34.0
11/1/2006 6:00	33.6	35.2
11/1/2006 7:00	57.1	45.9
11/1/2006 8:00	55.3	22.6
11/1/2006 9:00	96.8	35.6
11/1/2006 10:00	91.1	31.8
11/1/2006 11:00	58.8	18.5
11/1/2006 12:00	37.3	15.2
11/1/2006 13:00	120.9	8.5
11/1/2006 14:00	26.0	5.5
11/1/2006 15:00	24.0	4.9
11/1/2006 16:00	30.3	5.5
11/1/2006 17:00	34.0	6.5
11/1/2006 18:00	41.9	9.7
11/1/2006 19:00	44.5	12.3
11/1/2006 20:00	40.7	9.2
11/1/2006 21:00	43.6	16.6
11/1/2006 22:00	36.9	31.1
11/1/2006 23:00	38.1	17.4
11/2/2006 0:00	45.0	14.0
11/2/2006 1:00	48.5	19.3
11/2/2006 2:00	47.9	13.1
11/2/2006 3:00	61.8	15.6
11/2/2006 4:00	41.2	14.1
11/2/2006 5:00	29.8	11.5

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/2/2006 6:00	33.0	10.2
11/2/2006 7:00	37.3	14.5
11/2/2006 8:00	42.2	13.8
11/2/2006 9:00	51.0	18.2
11/2/2006 10:00	76.6	35.3
11/2/2006 11:00	73.4	39.5
11/2/2006 12:00	55.2	27.8
11/2/2006 13:00	39.7	11.6
11/2/2006 14:00	43.2	8.3
11/2/2006 15:00	47.1	20.1
11/2/2006 16:00	79.3	14.1
11/2/2006 17:00	39.4	12.7
11/2/2006 18:00	36.3	11.2
11/2/2006 19:00	34.1	9.4
11/2/2006 20:00	55.3	12.6
11/2/2006 21:00	34.9	9.8
11/2/2006 22:00	44.2	8.9
11/2/2006 23:00	33.7	13.0
11/3/2006 0:00	34.0	12.4
11/3/2006 1:00	40.7	14.2
11/3/2006 2:00	34.6	11.2
11/3/2006 3:00	40.7	6.7
11/3/2006 4:00	28.4	6.5
11/3/2006 5:00	22.6	6.5
11/3/2006 6:00	34.0	6.4
11/3/2006 7:00	44.5	9.0
11/3/2006 8:00	38.9	12.5
11/3/2006 9:00	42.8	13.5
11/3/2006 10:00	50.5	15.2
11/3/2006 11:00	40.7	14.3
11/3/2006 12:00	40.1	15.1
11/3/2006 13:00	29.9	10.0
11/3/2006 14:00	28.5	9.3
11/3/2006 15:00	25.3	8.0
11/3/2006 16:00	31.4	7.1
11/3/2006 17:00	31.3	8.7
11/3/2006 18:00	33.4	10.1
11/3/2006 19:00	41.8	11.3
11/3/2006 20:00	49.7	12.9
11/3/2006 21:00	50.0	14.5
11/3/2006 22:00	60.4	20.5
11/3/2006 23:00	48.3	17.5
11/4/2006 0:00	78.1	15.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/4/2006 1:00	63.2	31.8
11/4/2006 2:00	60.9	32.6
11/4/2006 3:00	82.4	27.5
11/4/2006 4:00	87.1	28.9
11/4/2006 5:00	57.0	43.0
11/4/2006 6:00	72.4	133.5
11/4/2006 7:00	68.8	160.6
11/4/2006 8:00	85.2	163.9
11/4/2006 9:00	138.4	48.2
11/4/2006 10:00	63.0	26.9
11/4/2006 11:00	51.9	23.3
11/4/2006 12:00	26.4	12.0
11/4/2006 13:00	25.7	13.3
11/4/2006 14:00	20.7	8.1
11/4/2006 15:00	18.7	8.2
11/4/2006 16:00	21.7	10.8
11/4/2006 17:00	27.7	13.4
11/4/2006 18:00	36.5	13.4
11/4/2006 19:00	46.7	12.9
11/4/2006 20:00	34.8	13.1
11/4/2006 21:00	27.2	9.3
11/4/2006 22:00	21.6	9.2
11/4/2006 23:00	27.4	9.7
11/5/2006 0:00	24.2	8.4
11/5/2006 1:00	21.2	8.4
11/5/2006 2:00	26.9	8.7
11/5/2006 3:00	19.8	8.3
11/5/2006 4:00	17.7	6.7
11/5/2006 5:00	12.4	5.7
11/5/2006 6:00	15.8	10.8
11/5/2006 7:00	16.9	10.4
11/5/2006 8:00	18.2	12.5
11/5/2006 9:00	27.9	12.2
11/5/2006 10:00	24.7	11.5
11/5/2006 11:00	24.3	12.4
11/5/2006 12:00	29.9	15.2
11/5/2006 13:00	23.5	14.8
11/5/2006 14:00	27.8	15.8
11/5/2006 15:00	34.1	22.6
11/5/2006 16:00	34.8	13.5
11/5/2006 17:00	38.9	12.8
11/5/2006 18:00	42.3	12.9
11/5/2006 19:00	49.4	14.2

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/5/2006 20:00	56.0	13.1
11/5/2006 21:00	57.7	12.7
11/5/2006 22:00	62.4	12.3
11/5/2006 23:00	64.1	12.5
11/6/2006 0:00	28.5	12.6
11/6/2006 1:00	43.0	27.5
11/6/2006 2:00	148.3	25.1
11/6/2006 3:00	39.1	17.0
11/6/2006 4:00	61.8	20.8
11/6/2006 5:00	33.9	86.2
11/6/2006 6:00	49.2	85.6
11/6/2006 7:00	50.1	18.2
11/6/2006 8:00	35.3	16.4
11/6/2006 9:00	98.5	22.4
11/6/2006 10:00	81.2	18.1
11/6/2006 11:00	58.1	16.2
11/6/2006 12:00	35.7	14.4
11/6/2006 13:00	32.2	9.8
11/6/2006 14:00	27.9	10.0
11/6/2006 15:00	35.3	13.1
11/6/2006 16:00	35.7	11.2
11/6/2006 17:00	40.0	11.8
11/6/2006 18:00	25.2	11.2
11/6/2006 19:00	27.2	15.5
11/6/2006 20:00	27.3	12.5
11/6/2006 21:00	41.6	11.3
11/6/2006 22:00	75.2	13.1
11/6/2006 23:00	78.5	11.8
11/7/2006 0:00	83.6	13.4
11/7/2006 1:00	49.5	16.1
11/7/2006 2:00	42.3	10.4
11/7/2006 3:00	32.8	10.3
11/7/2006 4:00	56.9	7.8
11/7/2006 5:00	33.2	4.3
11/7/2006 6:00	20.4	6.7
11/7/2006 7:00	48.4	9.5
11/7/2006 8:00	60.7	11.7
11/7/2006 9:00	51.6	11.9
11/7/2006 10:00	38.6	12.3
11/7/2006 11:00	20.9	10.4
11/7/2006 12:00	26.9	8.4
11/7/2006 13:00	29.7	8.7
11/7/2006 14:00	55.6	9.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/7/2006 15:00	51.0	10.3
11/7/2006 16:00	40.9	9.9
11/7/2006 17:00	22.3	12.0
11/7/2006 18:00	26.1	14.6
11/7/2006 19:00	25.3	13.7
11/7/2006 20:00	23.8	13.5
11/7/2006 21:00	23.8	12.4
11/7/2006 22:00	26.6	13.4
11/7/2006 23:00	24.3	10.8
11/8/2006 0:00	44.4	8.7
11/8/2006 1:00	44.1	7.6
11/8/2006 2:00	46.3	7.9
11/8/2006 3:00	36.4	8.2
11/8/2006 4:00	24.2	7.6
11/8/2006 5:00	41.0	10.7
11/8/2006 6:00	39.9	7.2
11/8/2006 7:00	23.8	10.7
11/8/2006 8:00	43.0	15.3
11/8/2006 9:00	50.5	17.4
11/8/2006 10:00	72.7	19.2
11/8/2006 11:00	78.3	29.8
11/8/2006 12:00	70.2	35.3
11/8/2006 13:00	53.5	31.9
11/8/2006 14:00	57.8	19.0
11/8/2006 15:00	61.3	24.8
11/8/2006 16:00	43.5	16.2
11/8/2006 17:00	46.4	10.9
11/8/2006 18:00	38.1	10.0
11/8/2006 19:00	51.3	8.9
11/8/2006 20:00	38.5	7.2
11/8/2006 21:00	39.7	5.6
11/8/2006 22:00	39.8	5.1
11/8/2006 23:00	40.9	5.9
11/9/2006 0:00	30.9	7.7
11/9/2006 1:00	24.5	7.7
11/9/2006 2:00	24.0	7.8
11/9/2006 3:00	25.4	10.6
11/9/2006 4:00	27.0	9.7
11/9/2006 5:00	35.2	9.2
11/9/2006 6:00	48.2	9.0
11/9/2006 7:00	42.4	8.4
11/9/2006 8:00	39.0	9.0
11/9/2006 9:00	47.2	12.2

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/9/2006 10:00	44.7	15.6
11/9/2006 11:00	40.0	16.6
11/9/2006 12:00	35.7	12.7
11/9/2006 13:00	30.7	12.7
11/9/2006 14:00	33.7	11.9
11/9/2006 15:00	34.1	12.0
11/9/2006 16:00	32.7	11.1
11/9/2006 17:00	38.6	12.5
11/9/2006 18:00	43.6	21.6
11/9/2006 19:00	63.5	69.0
11/9/2006 20:00	121.3	138.4
11/9/2006 21:00	159.6	117.7
11/9/2006 22:00	83.0	112.8
11/9/2006 23:00	10.6	36.0
11/10/2006 0:00	10.3	29.1
11/10/2006 1:00	16.3	40.5
11/10/2006 2:00	14.3	39.0
11/10/2006 3:00	14.5	42.2
11/10/2006 4:00	14.0	39.4
11/10/2006 5:00	10.5	24.2
11/10/2006 6:00	10.9	33.4
11/10/2006 7:00	15.9	50.6
11/10/2006 8:00	17.2	68.7
11/10/2006 9:00	28.6	73.2
11/10/2006 10:00	29.5	68.2
11/10/2006 11:00	6.2	28.9
11/10/2006 12:00	4.6	30.7
11/10/2006 13:00	3.8	30.5
11/10/2006 14:00	6.1	37.0
11/10/2006 15:00	6.6	42.4
11/10/2006 16:00	7.1	45.8
11/10/2006 17:00	6.6	46.3
11/10/2006 18:00	8.3	35.0
11/10/2006 19:00	7.0	38.1
11/10/2006 20:00	6.2	24.7
11/10/2006 21:00	4.5	26.4
11/10/2006 22:00	4.2	19.9
11/10/2006 23:00	6.9	25.6
11/11/2006 0:00	6.7	28.8
11/11/2006 1:00	9.8	18.9
11/11/2006 2:00	16.4	15.2
11/11/2006 3:00	12.3	16.8
11/11/2006 4:00	10.2	14.3

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/11/2006 5:00	12.5	13.6
11/11/2006 6:00	10.8	16.3
11/11/2006 7:00	9.2	13.9
11/11/2006 8:00	9.1	13.7
11/11/2006 9:00	9.1	12.7
11/11/2006 10:00	14.4	16.2
11/11/2006 11:00	20.1	23.4
11/11/2006 12:00	11.2	19.3
11/11/2006 13:00	8.7	23.5
11/11/2006 14:00	8.0	21.7
11/11/2006 15:00	8.6	20.5
11/11/2006 16:00	8.5	19.7
11/11/2006 17:00	9.8	20.2
11/11/2006 18:00	9.6	18.2
11/11/2006 19:00	7.6	16.9
11/11/2006 20:00	7.9	13.9
11/11/2006 21:00	10.8	17.0
11/11/2006 22:00	7.5	14.3
11/11/2006 23:00	7.9	14.0
11/12/2006 0:00	6.5	11.9
11/12/2006 1:00	7.3	12.2
11/12/2006 2:00	8.0	9.7
11/12/2006 3:00	5.7	10.5
11/12/2006 4:00	5.9	8.5
11/12/2006 5:00	8.7	6.8
11/12/2006 6:00	5.9	6.3
11/12/2006 7:00	10.6	9.7
11/12/2006 8:00	7.8	12.4
11/12/2006 9:00	7.6	14.0
11/12/2006 10:00	12.8	21.5
11/12/2006 11:00	13.2	23.5
11/12/2006 12:00	15.0	23.9
11/12/2006 13:00	8.1	31.5
11/12/2006 14:00	6.9	25.5
11/12/2006 15:00	9.2	20.4
11/12/2006 16:00	8.6	24.1
11/12/2006 17:00	6.7	22.9
11/12/2006 18:00	6.9	26.6
11/12/2006 19:00	4.9	40.4
11/12/2006 20:00	8.8	44.8
11/12/2006 21:00	5.1	27.2
11/12/2006 22:00	5.2	5.2
11/12/2006 23:00	9.4	9.3

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/13/2006 0:00	6.8	13.9
11/13/2006 1:00	3.6	3.0
11/13/2006 2:00	6.1	5.2
11/13/2006 3:00	4.5	3.7
11/13/2006 4:00	7.9	0.7
11/13/2006 5:00	9.1	0.4
11/13/2006 6:00	7.0	0.9
11/13/2006 7:00	7.8	1.3
11/13/2006 8:00	30.7	1.4
11/13/2006 9:00	31.3	3.1
11/13/2006 10:00	39.2	4.8
11/13/2006 11:00	26.8	2.2
11/13/2006 12:00	24.3	2.4
11/13/2006 13:00	25.2	3.2
11/13/2006 14:00	30.2	3.8
11/13/2006 15:00	36.0	5.7
11/13/2006 16:00	30.3	3.0
11/13/2006 17:00	38.4	4.1
11/13/2006 18:00	42.5	5.7
11/13/2006 19:00	58.9	24.3
11/13/2006 20:00	63.8	19.1
11/13/2006 21:00	57.1	19.7
11/13/2006 22:00	70.1	18.7
11/13/2006 23:00	79.2	22.1
11/14/2006 0:00	75.3	19.0
11/14/2006 1:00	108.9	122.1
11/14/2006 2:00	123.6	162.7
11/14/2006 3:00	169.9	151.3
11/14/2006 4:00	204.7	149.3
11/14/2006 5:00	221.3	152.4
11/14/2006 6:00	136.2	42.1
11/14/2006 7:00	86.7	70.5
11/14/2006 8:00	106.4	100.7
11/14/2006 9:00	135.0	101.7
11/14/2006 10:00	164.1	117.6
11/14/2006 11:00	95.6	117.9
11/14/2006 12:00	33.7	69.1
11/14/2006 13:00	29.2	54.4
11/14/2006 14:00	27.8	45.8
11/14/2006 15:00	39.8	22.1
11/14/2006 16:00	50.5	15.3
11/14/2006 17:00	108.1	11.0
11/14/2006 18:00	43.8	134.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/14/2006 19:00	69.0	14.5
11/14/2006 20:00	57.0	22.6
11/14/2006 21:00	73.5	28.1
11/14/2006 22:00	51.7	91.2
11/14/2006 23:00	93.0	57.4
11/15/2006 0:00	84.7	19.8
11/15/2006 1:00	104.8	19.9
11/15/2006 2:00	78.7	102.5
11/15/2006 3:00	68.5	216.9
11/15/2006 4:00	47.6	172.5
11/15/2006 5:00	62.7	134.6
11/15/2006 6:00	68.9	154.0
11/15/2006 7:00	64.2	136.9
11/15/2006 8:00	75.5	145.0
11/15/2006 9:00	73.5	144.0
11/15/2006 10:00	48.2	114.5
11/15/2006 11:00	30.7	77.9
11/15/2006 12:00	16.8	53.2
11/15/2006 13:00	10.4	51.0
11/15/2006 14:00	13.8	61.5
11/15/2006 15:00	14.6	53.2
11/15/2006 16:00	14.2	65.9
11/15/2006 17:00	14.0	60.2
11/15/2006 18:00	13.1	64.1
11/15/2006 19:00	11.5	58.5
11/15/2006 20:00	12.9	57.8
11/15/2006 21:00	10.6	38.0
11/15/2006 22:00	13.9	34.9
11/15/2006 23:00	14.3	38.9
11/16/2006 0:00	15.7	30.5
11/16/2006 1:00	13.4	23.4
11/16/2006 2:00	13.6	23.4
11/16/2006 3:00	12.4	20.3
11/16/2006 4:00	15.9	22.1
11/16/2006 5:00	19.9	27.1
11/16/2006 6:00	20.6	25.4
11/16/2006 7:00	17.5	26.8
11/16/2006 8:00	15.1	24.8
11/16/2006 9:00	17.0	31.1
11/16/2006 10:00	18.5	39.1
11/16/2006 11:00	18.3	42.3
11/16/2006 12:00	17.9	40.3
11/16/2006 13:00	15.9	47.0

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/16/2006 14:00	15.8	45.1
11/16/2006 15:00	12.7	44.0
11/16/2006 16:00	11.8	47.5
11/16/2006 17:00	13.9	43.5
11/16/2006 18:00	21.5	48.4
11/16/2006 19:00	16.2	44.3
11/16/2006 20:00	11.3	39.8
11/16/2006 21:00	20.4	49.6
11/16/2006 22:00	45.0	41.2
11/16/2006 23:00	41.3	37.7
11/17/2006 0:00	33.7	31.5
11/17/2006 1:00	27.4	26.8
11/17/2006 2:00	22.1	21.6
11/17/2006 3:00	20.4	23.5
11/17/2006 4:00	25.1	21.8
11/17/2006 5:00	25.4	18.5
11/17/2006 6:00	29.8	20.3
11/17/2006 7:00	21.0	5.6
11/17/2006 8:00	33.2	6.9
11/17/2006 9:00	36.6	8.6
11/17/2006 10:00	38.6	10.4
11/17/2006 11:00	30.3	6.6
11/17/2006 12:00	40.8	18.3
11/17/2006 13:00	38.6	9.7
11/17/2006 14:00	30.9	6.6
11/17/2006 15:00	33.2	5.9
11/17/2006 16:00	27.7	5.3
11/17/2006 17:00	29.2	5.6
11/17/2006 18:00	33.1	6.1
11/17/2006 19:00	36.6	6.5
11/17/2006 20:00	43.9	8.9
11/17/2006 21:00	53.2	7.2
11/17/2006 22:00	56.5	49.1
11/17/2006 23:00	30.2	26.6
11/18/2006 0:00	54.6	12.3
11/18/2006 1:00	25.3	15.1
11/18/2006 2:00	35.8	13.3
11/18/2006 3:00	41.0	12.5
11/18/2006 4:00	35.6	14.9
11/18/2006 5:00	30.8	17.8
11/18/2006 6:00	28.9	15.0
11/18/2006 7:00	50.1	17.0
11/18/2006 8:00	44.3	18.0

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/18/2006 9:00	39.1	41.4
11/18/2006 10:00	51.8	85.8
11/18/2006 11:00	26.9	44.8
11/18/2006 12:00	14.2	33.6
11/18/2006 13:00	10.4	27.8
11/18/2006 14:00	7.8	28.1
11/18/2006 15:00	10.0	29.8
11/18/2006 16:00	14.3	38.9
11/18/2006 17:00	19.1	42.1
11/18/2006 18:00	15.8	35.7
11/18/2006 19:00	11.0	49.9
11/18/2006 20:00	13.5	42.0
11/18/2006 21:00	11.6	31.2
11/18/2006 22:00	11.9	23.8
11/18/2006 23:00	14.1	24.6
11/19/2006 0:00	18.9	24.7
11/19/2006 1:00	49.6	49.0
11/19/2006 2:00	22.4	37.4
11/19/2006 3:00	19.7	25.0
11/19/2006 4:00	16.8	26.2
11/19/2006 5:00	15.3	16.7
11/19/2006 6:00	18.0	20.5
11/19/2006 7:00	11.0	12.5
11/19/2006 8:00	7.8	9.0
11/19/2006 9:00	8.1	9.3
11/19/2006 10:00	10.7	15.0
11/19/2006 11:00	8.0	14.5
11/19/2006 12:00	9.4	17.1
11/19/2006 13:00	11.1	20.1
11/19/2006 14:00	17.7	22.9
11/19/2006 15:00	13.0	22.4
11/19/2006 16:00	13.5	23.0
11/19/2006 17:00	10.3	32.4
11/19/2006 18:00	16.0	28.1
11/19/2006 19:00	14.2	33.7
11/19/2006 20:00	12.7	28.6
11/19/2006 21:00	8.0	20.4
11/19/2006 22:00	15.9	20.0
11/19/2006 23:00	12.7	25.3
11/20/2006 0:00	10.2	16.4
11/20/2006 1:00	25.0	21.7
11/20/2006 2:00	24.1	22.5
11/20/2006 3:00	31.1	28.4

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/20/2006 4:00	29.2	25.6
11/20/2006 5:00	24.3	20.6
11/20/2006 6:00	25.3	25.7
11/20/2006 7:00	13.3	20.7
11/20/2006 8:00	17.3	34.7
11/20/2006 9:00	29.9	54.8
11/20/2006 10:00	37.7	77.7
11/20/2006 11:00	34.7	64.5
11/20/2006 12:00	20.4	49.9
11/20/2006 13:00	29.7	43.6
11/20/2006 14:00	15.2	40.1
11/20/2006 15:00	16.7	43.1
11/20/2006 16:00	14.4	38.7
11/20/2006 17:00	13.1	53.2
11/20/2006 18:00	9.1	72.4
11/20/2006 19:00	9.9	60.0
11/20/2006 20:00	33.3	10.9
11/20/2006 21:00	44.3	6.6
11/20/2006 22:00	50.9	5.4
11/20/2006 23:00	51.0	4.6
11/21/2006 0:00	32.4	4.6
11/21/2006 1:00	56.4	8.6
11/21/2006 2:00	47.8	16.9
11/21/2006 3:00	53.3	4.5
11/21/2006 4:00	53.4	14.3
11/21/2006 5:00	61.7	24.4
11/21/2006 6:00	73.9	24.3
11/21/2006 7:00	82.1	31.0
11/21/2006 8:00	103.1	26.1
11/21/2006 9:00	87.1	36.8
11/21/2006 10:00	120.1	40.3
11/21/2006 11:00	52.7	15.7
11/21/2006 12:00	47.9	18.5
11/21/2006 13:00	61.7	24.3
11/21/2006 14:00	38.6	13.1
11/21/2006 15:00	32.0	6.4
11/21/2006 16:00	32.7	6.9
11/21/2006 17:00	41.3	9.3
11/21/2006 18:00	59.0	12.7
11/21/2006 19:00	85.0	12.2
11/21/2006 20:00	63.7	14.1
11/21/2006 21:00	52.3	10.6
11/21/2006 22:00	73.7	10.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/21/2006 23:00	80.3	8.1
11/22/2006 0:00	28.7	62.5
11/22/2006 1:00	45.1	186.7
11/22/2006 2:00	37.7	175.5
11/22/2006 3:00	94.5	127.4
11/22/2006 4:00	69.4	147.8
11/22/2006 5:00	82.0	174.4
11/22/2006 6:00	107.2	226.2
11/22/2006 7:00	122.9	211.9
11/22/2006 8:00	153.6	227.6
11/22/2006 9:00	175.3	310.8
11/22/2006 10:00	223.9	236.0
11/22/2006 11:00	153.2	167.9
11/22/2006 12:00	62.3	105.1
11/22/2006 13:00	34.3	55.7
11/22/2006 14:00	28.2	40.4
11/22/2006 15:00	14.8	24.3
11/22/2006 16:00	14.2	19.0
11/22/2006 17:00	13.7	39.5
11/22/2006 18:00	12.2	81.2
11/22/2006 19:00	21.4	124.4
11/22/2006 20:00	28.4	139.0
11/22/2006 21:00	49.7	181.4
11/22/2006 22:00	84.5	227.5
11/22/2006 23:00	156.4	288.4
11/23/2006 0:00	73.4	344.6
11/23/2006 1:00	164.8	229.4
11/23/2006 2:00	200.4	217.7
11/23/2006 3:00	183.1	238.1
11/23/2006 4:00	231.6	221.0
11/23/2006 5:00	264.9	213.2
11/23/2006 6:00	230.0	194.1
11/23/2006 7:00	244.6	199.0
11/23/2006 8:00	254.8	248.2
11/23/2006 9:00	228.3	233.0
11/23/2006 10:00	233.6	172.8
11/23/2006 11:00	82.5	106.7
11/23/2006 12:00	65.2	63.6
11/23/2006 13:00	57.6	67.5
11/23/2006 14:00	73.3	60.6
11/23/2006 15:00	66.5	43.9
11/23/2006 16:00	52.2	42.6
11/23/2006 17:00	75.9	40.3

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/23/2006 18:00	121.2	38.9
11/23/2006 19:00	159.1	70.1
11/23/2006 20:00	148.6	56.9
11/23/2006 21:00	94.2	50.4
11/23/2006 22:00	76.1	46.5
11/23/2006 23:00	74.0	46.0
11/24/2006 0:00	74.1	46.3
11/24/2006 1:00	86.1	45.4
11/24/2006 2:00	85.8	45.0
11/24/2006 3:00	87.8	75.0
11/24/2006 4:00	116.3	74.2
11/24/2006 5:00	118.1	66.6
11/24/2006 6:00	67.6	34.8
11/24/2006 7:00	62.1	36.5
11/24/2006 8:00	85.1	44.2
11/24/2006 9:00	66.8	40.5
11/24/2006 10:00	54.5	21.5
11/24/2006 11:00	37.3	10.2
11/24/2006 12:00	24.1	9.3
11/24/2006 13:00	26.0	9.6
11/24/2006 14:00	20.0	9.7
11/24/2006 15:00	27.2	11.4
11/24/2006 16:00	35.9	14.6
11/24/2006 17:00	49.3	16.6
11/24/2006 18:00	39.7	23.0
11/24/2006 19:00	38.0	56.6
11/24/2006 20:00	40.1	49.4
11/24/2006 21:00	42.9	34.9
11/24/2006 22:00	41.3	21.3
11/24/2006 23:00	51.8	97.7
11/25/2006 0:00	75.5	124.4
11/25/2006 1:00	124.5	38.1
11/25/2006 2:00	126.2	22.6
11/25/2006 3:00	145.1	78.8
11/25/2006 4:00	73.0	102.9
11/25/2006 5:00	136.1	116.6
11/25/2006 6:00	179.4	92.2
11/25/2006 7:00	111.0	18.7
11/25/2006 8:00	82.1	37.9
11/25/2006 9:00	63.8	51.9
11/25/2006 10:00	39.4	29.3
11/25/2006 11:00	33.1	19.8
11/25/2006 12:00	34.7	23.4

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/25/2006 13:00	37.0	26.3
11/25/2006 14:00	35.2	24.0
11/25/2006 15:00	31.3	22.6
11/25/2006 16:00	32.7	18.5
11/25/2006 17:00	51.0	22.5
11/25/2006 18:00	61.8	23.2
11/25/2006 19:00	60.8	19.2
11/25/2006 20:00	51.3	16.2
11/25/2006 21:00	24.2	14.5
11/25/2006 22:00	26.8	15.5
11/25/2006 23:00	25.2	16.6
11/26/2006 0:00	28.1	16.2
11/26/2006 1:00	30.6	16.0
11/26/2006 2:00	30.0	16.0
11/26/2006 3:00	28.8	14.8
11/26/2006 4:00	25.6	15.6
11/26/2006 5:00	26.9	15.5
11/26/2006 6:00	33.2	13.1
11/26/2006 7:00	36.5	12.5
11/26/2006 8:00	50.7	13.1
11/26/2006 9:00	49.1	17.2
11/26/2006 10:00	27.2	13.7
11/26/2006 11:00	21.8	13.5
11/26/2006 12:00	27.8	14.7
11/26/2006 13:00	27.6	14.4
11/26/2006 14:00	27.7	11.9
11/26/2006 15:00	28.2	12.4
11/26/2006 16:00	38.6	11.5
11/26/2006 17:00	54.8	13.2
11/26/2006 18:00	67.9	13.0
11/26/2006 19:00	56.4	13.5
11/26/2006 20:00	54.1	20.2
11/26/2006 21:00	83.4	19.5
11/26/2006 22:00	98.7	17.6
11/26/2006 23:00	85.0	14.2
11/27/2006 0:00	75.7	13.9
11/27/2006 1:00	34.8	13.7
11/27/2006 2:00	43.7	12.8
11/27/2006 3:00	35.8	10.5
11/27/2006 4:00	42.3	12.7
11/27/2006 5:00	61.1	14.3
11/27/2006 6:00	71.3	12.9
11/27/2006 7:00	84.9	13.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/27/2006 8:00	86.1	28.5
11/27/2006 9:00	81.1	22.5
11/27/2006 10:00	62.1	21.7
11/27/2006 11:00	43.4	16.1
11/27/2006 12:00	49.9	23.1
11/27/2006 13:00	47.6	25.4
11/27/2006 14:00	39.8	18.9
11/27/2006 15:00	39.4	17.5
11/27/2006 16:00	45.9	18.9
11/27/2006 17:00	65.8	19.9
11/27/2006 18:00	83.0	38.3
11/27/2006 19:00	98.4	19.7
11/27/2006 20:00	74.0	18.6
11/27/2006 21:00	91.2	17.5
11/27/2006 22:00	111.8	15.1
11/27/2006 23:00	63.1	11.8
11/28/2006 0:00	58.6	12.9
11/28/2006 1:00	50.7	12.9
11/28/2006 2:00	42.5	15.1
11/28/2006 3:00	45.3	14.5
11/28/2006 4:00	46.2	14.4
11/28/2006 5:00	46.5	16.3
11/28/2006 6:00	60.3	18.1
11/28/2006 7:00	74.0	15.1
11/28/2006 8:00	67.5	20.1
11/28/2006 9:00	73.6	23.9
11/28/2006 10:00	77.0	27.8
11/28/2006 11:00	54.7	22.3
11/28/2006 12:00	35.7	13.9
11/28/2006 13:00	43.7	15.2
11/28/2006 14:00	43.0	17.8
11/28/2006 15:00	45.1	17.5
11/28/2006 16:00	59.0	18.4
11/28/2006 17:00	61.3	17.4
11/28/2006 18:00	67.6	17.0
11/28/2006 19:00	51.3	15.0
11/28/2006 20:00	41.7	11.0
11/28/2006 21:00	37.6	10.7
11/28/2006 22:00	38.0	10.0
11/28/2006 23:00	35.8	10.0
11/29/2006 0:00	31.2	13.5
11/29/2006 1:00	29.8	14.4
11/29/2006 2:00	29.2	12.2

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/29/2006 3:00	18.8	10.0
11/29/2006 4:00	17.0	8.5
11/29/2006 5:00	20.1	7.3
11/29/2006 6:00	22.2	6.9
11/29/2006 7:00	28.6	6.4
11/29/2006 8:00	29.0	7.7
11/29/2006 9:00	35.7	9.2
11/29/2006 10:00	29.3	8.8
11/29/2006 11:00	32.6	7.9
11/29/2006 12:00	33.3	7.9
11/29/2006 13:00	30.6	7.4
11/29/2006 14:00	33.3	8.9
11/29/2006 15:00	34.1	8.3
11/29/2006 16:00	33.8	8.3
11/29/2006 17:00	40.5	9.3
11/29/2006 18:00	35.6	9.0
11/29/2006 19:00	26.7	8.8
11/29/2006 20:00	24.0	8.1
11/29/2006 21:00	27.6	7.5
11/29/2006 22:00	20.7	7.0
11/29/2006 23:00	23.8	7.5
11/30/2006 0:00	21.5	8.0
11/30/2006 1:00	17.6	5.5
11/30/2006 2:00	12.3	4.7
11/30/2006 3:00	12.8	4.3
11/30/2006 4:00	13.4	5.4
11/30/2006 5:00	13.8	5.1
11/30/2006 6:00	24.1	5.2
11/30/2006 7:00	24.0	7.0
11/30/2006 8:00	22.3	5.3
11/30/2006 9:00	41.7	29.9
11/30/2006 10:00	22.5	49.0
11/30/2006 11:00	17.6	41.2
11/30/2006 12:00	10.7	40.9
11/30/2006 13:00	10.7	41.7
11/30/2006 14:00	12.9	48.0
11/30/2006 15:00	13.0	50.9
11/30/2006 16:00	15.0	51.0
11/30/2006 17:00	16.5	54.8
11/30/2006 18:00	11.9	40.2
11/30/2006 19:00	10.5	43.5
11/30/2006 20:00	9.2	33.7
11/30/2006 21:00	9.0	36.6

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
11/30/2006 22:00	6.9	26.4
11/30/2006 23:00	6.8	25.3
12/1/2006 0:00	4.6	23.1
12/1/2006 1:00	6.9	21.7
12/1/2006 2:00	6.2	14.6
12/1/2006 3:00	5.7	9.9
12/1/2006 4:00	5.1	12.6
12/1/2006 5:00	5.8	12.5
12/1/2006 6:00	2.2	12.6
12/1/2006 7:00	3.7	13.6
12/1/2006 8:00	4.7	17.6
12/1/2006 9:00	7.2	29.4
12/1/2006 10:00	6.2	26.1
12/1/2006 11:00	9.2	44.7
12/1/2006 12:00	29.0	18.7
12/1/2006 13:00	20.2	9.1
12/1/2006 14:00	20.5	8.9
12/1/2006 15:00	16.6	8.6
12/1/2006 16:00	19.2	5.1
12/1/2006 17:00	19.4	6.8
12/1/2006 18:00	14.8	6.4
12/1/2006 19:00	13.3	5.9
12/1/2006 20:00	18.2	4.5
12/1/2006 21:00	14.0	3.7
12/1/2006 22:00	18.0	3.9
12/1/2006 23:00	14.7	4.2
12/2/2006 0:00	8.2	3.4
12/2/2006 1:00	9.5	2.3
12/2/2006 2:00	7.7	2.3
12/2/2006 3:00	7.1	2.2
12/2/2006 4:00	7.8	2.8
12/2/2006 5:00	6.4	2.1
12/2/2006 6:00	7.5	1.9
12/2/2006 7:00	8.1	2.6
12/2/2006 8:00	15.5	3.2
12/2/2006 9:00	18.6	5.0
12/2/2006 10:00	20.3	4.7
12/2/2006 11:00	17.7	4.9
12/2/2006 12:00	22.7	7.2
12/2/2006 13:00	22.0	8.9
12/2/2006 14:00	21.3	6.3
12/2/2006 15:00	21.1	7.1
12/2/2006 16:00	21.0	7.8

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/2/2006 17:00	24.7	8.3
12/2/2006 18:00	27.1	9.4
12/2/2006 19:00	28.5	13.1
12/2/2006 20:00	26.3	8.1
12/2/2006 21:00	21.7	7.3
12/2/2006 22:00	16.3	11.0
12/2/2006 23:00	15.2	10.1
12/3/2006 0:00	17.2	6.1
12/3/2006 1:00	18.1	9.1
12/3/2006 2:00	18.4	10.0
12/3/2006 3:00	13.4	9.4
12/3/2006 4:00	13.7	7.6
12/3/2006 5:00	11.4	8.6
12/3/2006 6:00	9.4	5.8
12/3/2006 7:00	9.1	3.4
12/3/2006 8:00	9.9	5.2
12/3/2006 9:00	15.0	4.5
12/3/2006 10:00	10.8	3.0
12/3/2006 11:00	13.0	2.8
12/3/2006 12:00	9.0	2.7
12/3/2006 13:00	12.6	3.1
12/3/2006 14:00	13.2	2.6
12/3/2006 15:00	14.4	2.6
12/3/2006 16:00	14.7	2.9
12/3/2006 17:00	17.4	3.5
12/3/2006 18:00	17.9	4.9
12/3/2006 19:00	24.0	5.8
12/3/2006 20:00	16.6	5.7
12/3/2006 21:00	18.3	4.9
12/3/2006 22:00	17.1	3.6
12/3/2006 23:00	17.9	4.4
12/4/2006 0:00	12.4	3.2
12/4/2006 1:00	12.0	4.8
12/4/2006 2:00	14.3	5.0
12/4/2006 3:00	12.5	4.8
12/4/2006 4:00	15.0	4.0
12/4/2006 5:00	12.9	3.7
12/4/2006 6:00	20.7	6.7
12/4/2006 7:00	19.6	6.6
12/4/2006 8:00	30.8	6.7
12/4/2006 9:00	26.4	6.5
12/4/2006 10:00	29.8	7.0
12/4/2006 11:00	28.8	8.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/4/2006 12:00	26.4	11.0
12/4/2006 13:00	37.8	9.5
12/4/2006 14:00	28.6	12.0
12/4/2006 15:00	27.5	8.8
12/4/2006 16:00	30.3	5.9
12/4/2006 17:00	30.7	8.3
12/4/2006 18:00	29.5	11.2
12/4/2006 19:00	34.3	13.0
12/4/2006 20:00	32.2	13.5
12/4/2006 21:00	34.6	8.4
12/4/2006 22:00	28.4	10.7
12/4/2006 23:00	34.8	10.3
12/5/2006 0:00	31.4	10.8
12/5/2006 1:00	22.9	8.2
12/5/2006 2:00	31.2	8.7
12/5/2006 3:00	34.6	10.6
12/5/2006 4:00	33.4	23.9
12/5/2006 5:00	27.0	27.0
12/5/2006 6:00	47.7	23.8
12/5/2006 7:00	62.0	21.6
12/5/2006 8:00	59.2	18.6
12/5/2006 9:00	76.8	24.0
12/5/2006 10:00	57.0	24.9
12/5/2006 11:00	44.3	15.1
12/5/2006 12:00	28.6	10.1
12/5/2006 13:00	35.7	8.5
12/5/2006 14:00	31.2	5.8
12/5/2006 15:00	39.2	5.4
12/5/2006 16:00	36.8	7.2
12/5/2006 17:00	58.4	9.5
12/5/2006 18:00	65.1	15.5
12/5/2006 19:00	42.4	10.2
12/5/2006 20:00	31.2	6.9
12/5/2006 21:00	30.7	6.4
12/5/2006 22:00	27.3	5.9
12/5/2006 23:00	29.1	9.9
12/6/2006 0:00	29.4	11.5
12/6/2006 1:00	30.0	15.2
12/6/2006 2:00	22.9	13.0
12/6/2006 3:00	26.5	14.5
12/6/2006 4:00	32.7	19.4
12/6/2006 5:00	31.8	19.4
12/6/2006 6:00	26.9	11.7

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/6/2006 7:00	30.7	10.4
12/6/2006 8:00	29.0	11.8
12/6/2006 9:00	42.1	14.7
12/6/2006 10:00	31.9	17.8
12/6/2006 11:00	31.1	14.1
12/6/2006 12:00	35.1	11.9
12/6/2006 13:00	34.0	11.8
12/6/2006 14:00	32.3	12.0
12/6/2006 15:00	34.5	11.9
12/6/2006 16:00	35.1	13.3
12/6/2006 17:00	44.5	13.1
12/6/2006 18:00	44.6	16.4
12/6/2006 19:00	48.9	20.2
12/6/2006 20:00	28.9	11.2
12/6/2006 21:00	31.1	15.8
12/6/2006 22:00	52.9	42.3
12/6/2006 23:00	41.2	26.8
12/7/2006 0:00	38.1	21.3
12/7/2006 1:00	22.4	11.1
12/7/2006 2:00	19.0	19.7
12/7/2006 3:00	21.0	22.5
12/7/2006 4:00	19.6	15.9
12/7/2006 5:00	16.1	14.8
12/7/2006 6:00	15.8	16.5
12/7/2006 7:00	26.6	19.3
12/7/2006 8:00	34.4	35.2
12/7/2006 9:00	36.0	32.2
12/7/2006 10:00	36.4	36.9
12/7/2006 11:00	36.8	34.3
12/7/2006 12:00	26.7	28.4
12/7/2006 13:00	26.8	27.0
12/7/2006 14:00	26.9	24.0
12/7/2006 15:00	26.2	21.5
12/7/2006 16:00	27.6	21.5
12/7/2006 17:00	37.5	14.9
12/7/2006 18:00	26.5	7.1
12/7/2006 19:00	33.9	22.2
12/7/2006 20:00	30.2	23.2
12/7/2006 21:00	27.5	24.1
12/7/2006 22:00	38.1	25.0
12/7/2006 23:00	42.2	21.1
12/8/2006 0:00	33.4	17.8
12/8/2006 1:00	29.4	12.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/8/2006 2:00	28.6	8.5
12/8/2006 3:00	23.8	6.0
12/8/2006 4:00	18.8	5.1
12/8/2006 5:00	27.6	4.9
12/8/2006 6:00	32.7	5.0
12/8/2006 7:00	30.2	5.5
12/8/2006 8:00	30.1	5.5
12/8/2006 9:00	30.8	5.3
12/8/2006 10:00	28.0	7.5
12/8/2006 11:00	27.0	7.1
12/8/2006 12:00	32.7	8.1
12/8/2006 13:00	28.1	8.8
12/8/2006 14:00	26.1	6.8
12/8/2006 15:00	26.6	6.6
12/8/2006 16:00	28.3	7.7
12/8/2006 17:00	28.3	9.4
12/8/2006 18:00	27.8	7.6
12/8/2006 19:00	22.9	7.8
12/8/2006 20:00	22.0	6.8
12/8/2006 21:00	20.6	6.6
12/8/2006 22:00	20.2	7.4
12/8/2006 23:00	16.8	6.7
12/9/2006 0:00	16.9	6.1
12/9/2006 1:00	14.1	5.9
12/9/2006 2:00	14.4	6.3
12/9/2006 3:00	13.4	6.9
12/9/2006 4:00	12.8	6.1
12/9/2006 5:00	12.8	7.0
12/9/2006 6:00	12.5	6.0
12/9/2006 7:00	11.9	7.1
12/9/2006 8:00	17.2	15.4
12/9/2006 9:00	18.7	16.7
12/9/2006 10:00	24.3	12.5
12/9/2006 11:00	21.4	16.1
12/9/2006 12:00	21.9	12.0
12/9/2006 13:00	22.1	17.2
12/9/2006 14:00	26.4	14.0
12/9/2006 15:00	18.7	11.6
12/9/2006 16:00	18.8	8.9
12/9/2006 17:00	17.2	7.4
12/9/2006 18:00	17.4	10.3
12/9/2006 19:00	19.9	10.2
12/9/2006 20:00	21.4	8.0

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/9/2006 21:00	22.8	8.1
12/9/2006 22:00	15.5	11.1
12/9/2006 23:00	12.6	9.0
12/10/2006 0:00	12.1	8.3
12/10/2006 1:00	12.4	8.2
12/10/2006 2:00	12.2	8.1
12/10/2006 3:00	11.6	8.2
12/10/2006 4:00	11.5	8.3
12/10/2006 5:00	10.1	7.5
12/10/2006 6:00	10.5	7.3
12/10/2006 7:00	13.5	7.7
12/10/2006 8:00	15.5	7.2
12/10/2006 9:00	15.2	7.3
12/10/2006 10:00	14.9	7.2
12/10/2006 11:00	18.7	7.5
12/10/2006 12:00	17.0	7.5
12/10/2006 13:00	17.8	9.9
12/10/2006 14:00	17.8	12.9
12/10/2006 15:00	19.1	9.0
12/10/2006 16:00	21.4	8.1
12/10/2006 17:00	31.0	8.1
12/10/2006 18:00	38.5	10.1
12/10/2006 19:00	29.4	9.8
12/10/2006 20:00	22.1	9.3
12/10/2006 21:00	26.2	10.1
12/10/2006 22:00	27.2	14.0
12/10/2006 23:00	32.3	17.2
12/11/2006 0:00	30.3	16.9
12/11/2006 1:00	30.3	13.4
12/11/2006 2:00	31.7	15.0
12/11/2006 3:00	44.7	13.9
12/11/2006 4:00	32.1	12.3
12/11/2006 5:00	37.4	11.7
12/11/2006 6:00	48.4	11.9
12/11/2006 7:00	64.3	12.9
12/11/2006 8:00	67.8	21.0
12/11/2006 9:00	63.5	17.8
12/11/2006 10:00	49.5	12.5
12/11/2006 11:00	outlier removed	13.6
12/11/2006 12:00	131.5	172.5
12/11/2006 13:00	46.7	22.3
12/11/2006 14:00	53.4	26.1
12/11/2006 15:00	59.0	28.8

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/11/2006 16:00	62.3	25.8
12/11/2006 17:00	58.7	20.7
12/11/2006 18:00	45.4	22.2
12/11/2006 19:00	69.0	18.7
12/11/2006 20:00	47.8	17.7
12/11/2006 21:00	64.1	21.8
12/11/2006 22:00	40.0	72.3
12/11/2006 23:00	29.4	65.1
12/12/2006 0:00	29.4	99.5
12/12/2006 1:00	33.8	30.5
12/12/2006 2:00	27.2	40.9
12/12/2006 3:00	21.7	33.8
12/12/2006 4:00	20.4	54.0
12/12/2006 5:00	19.8	51.5
12/12/2006 6:00	31.4	23.5
12/12/2006 7:00	37.0	22.9
12/12/2006 8:00	38.6	21.1
12/12/2006 9:00	50.8	24.5
12/12/2006 10:00	48.8	17.3
12/12/2006 11:00	48.5	14.1
12/12/2006 12:00	49.8	14.3
12/12/2006 13:00	50.4	13.9
12/12/2006 14:00	39.5	13.5
12/12/2006 15:00	43.0	14.7
12/12/2006 16:00	71.2	16.3
12/12/2006 17:00	65.6	12.2
12/12/2006 18:00	39.4	9.3
12/12/2006 19:00	27.5	8.0
12/12/2006 20:00	29.7	8.4
12/12/2006 21:00	38.4	10.9
12/12/2006 22:00	31.9	9.7
12/12/2006 23:00	24.0	7.8
12/13/2006 0:00	22.0	7.4
12/13/2006 1:00	16.5	7.7
12/13/2006 2:00	15.8	4.8
12/13/2006 3:00	12.5	3.9
12/13/2006 4:00	13.8	4.3
12/13/2006 5:00	17.9	5.4
12/13/2006 6:00	13.6	3.4
12/13/2006 7:00	17.3	3.7
12/13/2006 8:00	20.0	3.9
12/13/2006 9:00	23.5	6.8
12/13/2006 10:00	23.3	4.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/13/2006 11:00	24.3	5.8
12/13/2006 12:00	25.2	4.2
12/13/2006 13:00	23.4	4.3
12/13/2006 14:00	21.3	5.3
12/13/2006 15:00	22.4	5.7
12/13/2006 16:00	26.6	6.6
12/13/2006 17:00	105.1	95.3
12/13/2006 18:00	40.9	12.5
12/13/2006 19:00	63.6	10.7
12/13/2006 20:00	59.9	11.3
12/13/2006 21:00	93.7	14.6
12/13/2006 22:00	67.9	17.1
12/13/2006 23:00	123.2	20.2
12/14/2006 0:00	76.1	23.7
12/14/2006 1:00	50.6	16.4
12/14/2006 2:00	60.0	18.3
12/14/2006 3:00	71.8	17.4
12/14/2006 4:00	85.7	18.6
12/14/2006 5:00	78.8	16.3
12/14/2006 6:00	75.4	13.7
12/14/2006 7:00	70.0	13.8
12/14/2006 8:00	105.4	18.6
12/14/2006 9:00	77.5	20.0
12/14/2006 10:00	58.0	17.6
12/14/2006 11:00	47.0	18.5
12/14/2006 12:00	50.0	18.0
12/14/2006 13:00	45.1	19.4
12/14/2006 14:00	56.4	17.9
12/14/2006 15:00	36.9	16.6
12/14/2006 16:00	38.8	11.8
12/14/2006 17:00	39.0	9.9
12/14/2006 18:00	42.7	8.5
12/14/2006 19:00	31.0	11.9
12/14/2006 20:00	35.9	17.1
12/14/2006 21:00	32.7	16.1
12/14/2006 22:00	33.4	13.5
12/14/2006 23:00	23.3	7.8
12/15/2006 0:00	22.6	7.6
12/15/2006 1:00	19.4	7.1
12/15/2006 2:00	19.4	9.1
12/15/2006 3:00	18.8	9.0
12/15/2006 4:00	14.1	9.9
12/15/2006 5:00	17.2	6.0

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/15/2006 6:00	16.4	5.9
12/15/2006 7:00	22.8	7.9
12/15/2006 8:00	30.5	10.2
12/15/2006 9:00	38.9	12.8
12/15/2006 10:00	35.0	12.9
12/15/2006 11:00	27.8	8.6
12/15/2006 12:00	30.2	8.2
12/15/2006 13:00	25.3	8.6
12/15/2006 14:00	23.5	7.8
12/15/2006 15:00	26.0	7.6
12/15/2006 16:00	22.6	7.0
12/15/2006 17:00	29.6	7.5
12/15/2006 18:00	31.2	8.8
12/15/2006 19:00	37.2	20.7
12/15/2006 20:00	48.2	12.9
12/15/2006 21:00	35.6	25.5
12/15/2006 22:00	22.7	21.4
12/15/2006 23:00	33.3	34.3
12/16/2006 0:00	61.3	19.5
12/16/2006 1:00	69.7	19.6
12/16/2006 2:00	60.6	88.3
12/16/2006 3:00	116.8	46.2
12/16/2006 4:00	107.9	50.0
12/16/2006 5:00	116.1	116.3
12/16/2006 6:00	97.5	153.5
12/16/2006 7:00	108.7	148.6
12/16/2006 8:00	138.7	86.5
12/16/2006 9:00	59.5	12.1
12/16/2006 10:00	24.0	9.0
12/16/2006 11:00	24.0	7.7
12/16/2006 12:00	21.4	5.4
12/16/2006 13:00	19.6	3.7
12/16/2006 14:00	16.5	4.4
12/16/2006 15:00	19.6	3.8
12/16/2006 16:00	16.6	4.1
12/16/2006 17:00	9.0	6.9
12/16/2006 18:00	12.2	8.3
12/16/2006 19:00	28.5	6.4
12/16/2006 20:00	21.0	5.6
12/16/2006 21:00	23.8	6.9
12/16/2006 22:00	18.8	7.4
12/16/2006 23:00	22.9	8.6
12/17/2006 0:00	18.1	11.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/17/2006 1:00	20.0	12.4
12/17/2006 2:00	18.0	11.5
12/17/2006 3:00	14.8	11.6
12/17/2006 4:00	13.4	10.7
12/17/2006 5:00	14.1	10.9
12/17/2006 6:00	14.1	9.8
12/17/2006 7:00	11.5	7.5
12/17/2006 8:00	18.2	6.4
12/17/2006 9:00	29.0	7.4
12/17/2006 10:00	23.4	7.6
12/17/2006 11:00	18.6	6.6
12/17/2006 12:00	25.6	20.8
12/17/2006 13:00	27.0	26.3
12/17/2006 14:00	35.4	30.4
12/17/2006 15:00	33.1	13.3
12/17/2006 16:00	43.8	22.7
12/17/2006 17:00	59.5	49.4
12/17/2006 18:00	65.6	29.6
12/17/2006 19:00	66.2	27.7
12/17/2006 20:00	69.6	34.2
12/17/2006 21:00	63.7	65.4
12/17/2006 22:00	71.9	36.1
12/17/2006 23:00	61.5	57.2
12/18/2006 0:00	60.7	54.6
12/18/2006 1:00	28.3	33.0
12/18/2006 2:00	40.2	36.3
12/18/2006 3:00	30.7	28.5
12/18/2006 4:00	30.8	26.4
12/18/2006 5:00	25.0	25.9
12/18/2006 6:00	26.1	19.8
12/18/2006 7:00	40.3	34.0
12/18/2006 8:00	49.0	44.6
12/18/2006 9:00	54.5	51.1
12/18/2006 10:00	43.2	42.6
12/18/2006 11:00	31.7	30.1
12/18/2006 12:00	31.2	27.8
12/18/2006 13:00	32.6	27.6
12/18/2006 14:00	33.4	23.9
12/18/2006 15:00	39.1	27.2
12/18/2006 16:00	39.6	39.2
12/18/2006 17:00	67.2	61.2
12/18/2006 18:00	46.4	82.1
12/18/2006 19:00	33.9	87.0

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/18/2006 20:00	32.4	97.3
12/18/2006 21:00	31.5	106.1
12/18/2006 22:00	68.5	138.3
12/18/2006 23:00	212.2	180.7
12/19/2006 0:00	231.0	213.7
12/19/2006 1:00	179.2	84.1
12/19/2006 2:00	133.2	121.3
12/19/2006 3:00	124.2	222.0
12/19/2006 4:00	174.4	118.5
12/19/2006 5:00	155.0	91.1
12/19/2006 6:00	174.8	203.5
12/19/2006 7:00	201.8	80.3
12/19/2006 8:00	141.0	41.3
12/19/2006 9:00	121.6	45.7
12/19/2006 10:00	92.2	38.7
12/19/2006 11:00	79.3	42.9
12/19/2006 12:00	63.4	39.9
12/19/2006 13:00	49.1	21.9
12/19/2006 14:00	46.4	19.0
12/19/2006 15:00	42.3	13.5
12/19/2006 16:00	46.4	28.4
12/19/2006 17:00	50.4	12.3
12/19/2006 18:00	73.8	16.6
12/19/2006 19:00	123.6	27.1
12/19/2006 20:00	150.2	32.0
12/19/2006 21:00	152.4	22.4
12/19/2006 22:00	117.8	24.3
12/19/2006 23:00	98.9	25.6
12/20/2006 0:00	66.6	22.0
12/20/2006 1:00	44.7	15.3
12/20/2006 2:00	71.7	16.7
12/20/2006 3:00	53.6	18.9
12/20/2006 4:00	54.7	22.3
12/20/2006 5:00	51.0	23.9
12/20/2006 6:00	95.2	27.7
12/20/2006 7:00	125.7	28.3
12/20/2006 8:00	128.4	26.4
12/20/2006 9:00	122.1	33.1
12/20/2006 10:00	91.9	39.0
12/20/2006 11:00	66.1	42.8
12/20/2006 12:00	46.7	40.5
12/20/2006 13:00	45.9	22.9
12/20/2006 14:00	44.9	17.8

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/20/2006 15:00	44.4	17.2
12/20/2006 16:00	52.6	21.4
12/20/2006 17:00	69.4	28.2
12/20/2006 18:00	108.1	26.3
12/20/2006 19:00	74.6	27.4
12/20/2006 20:00	80.9	33.9
12/20/2006 21:00	93.1	43.3
12/20/2006 22:00	80.5	47.4
12/20/2006 23:00	83.8	36.0
12/21/2006 0:00	70.0	39.9
12/21/2006 1:00	57.9	33.0
12/21/2006 2:00	50.2	31.4
12/21/2006 3:00	51.2	26.9
12/21/2006 4:00	54.2	32.3
12/21/2006 5:00	82.3	30.6
12/21/2006 6:00	98.9	25.1
12/21/2006 7:00	105.2	42.6
12/21/2006 8:00	102.5	62.9
12/21/2006 9:00	102.4	128.6
12/21/2006 10:00	71.0	99.3
12/21/2006 11:00	61.2	71.5
12/21/2006 12:00	30.1	24.9
12/21/2006 13:00	23.5	13.9
12/21/2006 14:00	36.8	11.7
12/21/2006 15:00	15.9	26.1
12/21/2006 16:00	14.1	49.0
12/21/2006 17:00	184.4	74.2
12/21/2006 18:00	18.3	222.8
12/21/2006 19:00	18.3	59.6
12/21/2006 20:00	20.5	57.3
12/21/2006 21:00	24.7	60.2
12/21/2006 22:00	23.5	52.6
12/21/2006 23:00	16.1	42.1
12/22/2006 0:00	19.6	39.2
12/22/2006 1:00	25.5	39.9
12/22/2006 2:00	27.5	41.8
12/22/2006 3:00	27.2	45.3
12/22/2006 4:00	27.4	40.6
12/22/2006 5:00	27.0	40.6
12/22/2006 6:00	28.4	49.3
12/22/2006 7:00	33.4	59.3
12/22/2006 8:00	33.6	58.4
12/22/2006 9:00	32.2	56.8

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/22/2006 10:00	22.7	21.4
12/22/2006 11:00	21.7	18.4
12/22/2006 12:00	25.0	21.0
12/22/2006 13:00	26.7	21.3
12/22/2006 14:00	20.7	16.8
12/22/2006 15:00	33.9	12.4
12/22/2006 16:00	37.0	9.9
12/22/2006 17:00	36.5	9.5
12/22/2006 18:00	23.5	8.2
12/22/2006 19:00	21.0	7.6
12/22/2006 20:00	22.7	4.9
12/22/2006 21:00	18.9	6.5
12/22/2006 22:00	17.3	6.4
12/22/2006 23:00	19.4	6.5
12/23/2006 0:00	17.4	7.5
12/23/2006 1:00	12.1	5.6
12/23/2006 2:00	11.8	5.8
12/23/2006 3:00	9.8	7.7
12/23/2006 4:00	7.8	4.2
12/23/2006 5:00	6.0	4.0
12/23/2006 6:00	8.7	4.6
12/23/2006 7:00	8.5	5.4
12/23/2006 8:00	10.0	5.3
12/23/2006 9:00	10.5	5.4
12/23/2006 10:00	14.0	6.6
12/23/2006 11:00	13.3	6.3
12/23/2006 12:00	10.7	6.0
12/23/2006 13:00	9.7	5.1
12/23/2006 14:00	11.4	7.1
12/23/2006 15:00	11.8	7.5
12/23/2006 16:00	15.4	9.6
12/23/2006 17:00	16.1	11.8
12/23/2006 18:00	13.9	10.4
12/23/2006 19:00	13.7	9.5
12/23/2006 20:00	15.7	11.2
12/23/2006 21:00	17.2	8.4
12/23/2006 22:00	16.1	8.5
12/23/2006 23:00	13.3	10.4
12/24/2006 0:00	10.4	9.8
12/24/2006 1:00	8.7	7.2
12/24/2006 2:00	8.0	6.2
12/24/2006 3:00	7.9	6.4
12/24/2006 4:00	8.9	6.4

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/24/2006 5:00	6.9	6.2
12/24/2006 6:00	7.0	4.1
12/24/2006 7:00	17.0	4.3
12/24/2006 8:00	4.6	3.4
12/24/2006 9:00	12.6	5.5
12/24/2006 10:00	7.6	4.4
12/24/2006 11:00	7.5	3.6
12/24/2006 12:00	6.0	3.2
12/24/2006 13:00	6.5	3.4
12/24/2006 14:00	7.7	5.1
12/24/2006 15:00	11.7	6.5
12/24/2006 16:00	12.1	5.1
12/24/2006 17:00	11.0	4.7
12/24/2006 18:00	11.0	4.2
12/24/2006 19:00	19.6	7.8
12/24/2006 20:00	39.1	9.1
12/24/2006 21:00	26.1	5.7
12/24/2006 22:00	33.3	6.6
12/24/2006 23:00	38.1	12.9
12/25/2006 0:00	38.0	8.0
12/25/2006 1:00	15.7	8.4
12/25/2006 2:00	18.6	27.5
12/25/2006 3:00	48.6	8.3
12/25/2006 4:00	30.3	8.3
12/25/2006 5:00	11.2	6.7
12/25/2006 6:00	11.5	17.6
12/25/2006 7:00	20.1	18.8
12/25/2006 8:00	12.4	13.5
12/25/2006 9:00	17.9	24.7
12/25/2006 10:00	31.3	26.9
12/25/2006 11:00	31.9	28.3
12/25/2006 12:00	27.7	29.2
12/25/2006 13:00	16.3	12.9
12/25/2006 14:00	9.7	9.8
12/25/2006 15:00	7.4	10.5
12/25/2006 16:00	7.7	11.7
12/25/2006 17:00	11.7	14.3
12/25/2006 18:00	10.5	14.5
12/25/2006 19:00	11.9	13.2
12/25/2006 20:00	7.2	10.5
12/25/2006 21:00	9.4	13.9
12/25/2006 22:00	16.9	17.5
12/25/2006 23:00	14.6	16.9

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/26/2006 0:00	15.3	16.5
12/26/2006 1:00	13.8	15.2
12/26/2006 2:00	7.7	11.1
12/26/2006 3:00	5.3	8.5
12/26/2006 4:00	6.8	8.6
12/26/2006 5:00	6.9	6.8
12/26/2006 6:00	10.9	9.0
12/26/2006 7:00	13.8	10.7
12/26/2006 8:00	17.0	12.7
12/26/2006 9:00	18.4	14.8
12/26/2006 10:00	20.2	14.4
12/26/2006 11:00	20.3	16.1
12/26/2006 12:00	19.4	16.7
12/26/2006 13:00	23.3	18.3
12/26/2006 14:00	21.8	18.8
12/26/2006 15:00	21.2	17.8
12/26/2006 16:00	27.8	26.4
12/26/2006 17:00	25.9	20.0
12/26/2006 18:00	23.4	18.3
12/26/2006 19:00	29.9	24.2
12/26/2006 20:00	26.0	20.8
12/26/2006 21:00	15.5	12.3
12/26/2006 22:00	13.8	11.0
12/26/2006 23:00	18.8	11.5
12/27/2006 0:00	17.2	6.0
12/27/2006 1:00	12.7	5.3
12/27/2006 2:00	7.4	3.8
12/27/2006 3:00	7.2	3.9
12/27/2006 4:00	7.3	3.6
12/27/2006 5:00	5.7	3.9
12/27/2006 6:00	11.3	4.5
12/27/2006 7:00	17.7	7.6
12/27/2006 8:00	23.7	11.4
12/27/2006 9:00	24.9	11.4
12/27/2006 10:00	28.4	11.9
12/27/2006 11:00	25.6	13.8
12/27/2006 12:00	22.1	12.8
12/27/2006 13:00	22.9	12.6
12/27/2006 14:00	26.4	14.2
12/27/2006 15:00	24.1	14.6
12/27/2006 16:00	32.8	12.6
12/27/2006 17:00	33.9	15.0
12/27/2006 18:00	36.5	14.4

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/27/2006 19:00	28.9	12.0
12/27/2006 20:00	27.4	10.9
12/27/2006 21:00	29.6	12.9
12/27/2006 22:00	31.0	15.6
12/27/2006 23:00	26.1	14.0
12/28/2006 0:00	27.3	13.2
12/28/2006 1:00	28.0	14.8
12/28/2006 2:00	21.9	12.4
12/28/2006 3:00	22.9	12.8
12/28/2006 4:00	19.5	10.7
12/28/2006 5:00	23.1	9.8
12/28/2006 6:00	28.7	9.1
12/28/2006 7:00	25.9	20.1
12/28/2006 8:00	24.8	22.9
12/28/2006 9:00	40.1	65.0
12/28/2006 10:00	36.1	27.9
12/28/2006 11:00	33.3	31.3
12/28/2006 12:00	32.1	18.3
12/28/2006 13:00	35.5	15.5
12/28/2006 14:00	26.4	14.5
12/28/2006 15:00	36.1	15.7
12/28/2006 16:00	31.9	14.7
12/28/2006 17:00	19.5	28.4
12/28/2006 18:00	22.9	57.6
12/28/2006 19:00	33.0	49.9
12/28/2006 20:00	25.4	51.2
12/28/2006 21:00	27.6	61.0
12/28/2006 22:00	42.3	67.9
12/28/2006 23:00	48.0	89.8
12/29/2006 0:00	57.5	96.7
12/29/2006 1:00	82.9	88.4
12/29/2006 2:00	66.7	66.4
12/29/2006 3:00	40.9	45.3
12/29/2006 4:00	27.3	30.8
12/29/2006 5:00	25.5	28.7
12/29/2006 6:00	24.9	30.0
12/29/2006 7:00	23.3	31.2
12/29/2006 8:00	15.6	25.6
12/29/2006 9:00	20.6	37.1
12/29/2006 10:00	19.5	35.1
12/29/2006 11:00	17.6	28.3
12/29/2006 12:00	12.6	23.6
12/29/2006 13:00	11.4	21.3

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/29/2006 14:00	9.4	19.8
12/29/2006 15:00	9.5	21.7
12/29/2006 16:00	9.1	24.1
12/29/2006 17:00	9.2	23.0
12/29/2006 18:00	9.6	20.3
12/29/2006 19:00	8.6	23.3
12/29/2006 20:00	7.9	17.1
12/29/2006 21:00	7.6	17.6
12/29/2006 22:00	7.8	20.6
12/29/2006 23:00	8.5	23.4
12/30/2006 0:00	8.3	20.7
12/30/2006 1:00	7.4	16.4
12/30/2006 2:00	7.6	13.4
12/30/2006 3:00	7.6	12.9
12/30/2006 4:00	7.3	10.8
12/30/2006 5:00	8.2	16.0
12/30/2006 6:00	10.1	9.5
12/30/2006 7:00	10.5	6.5
12/30/2006 8:00	20.1	9.3
12/30/2006 9:00	30.7	24.9
12/30/2006 10:00	40.6	28.1
12/30/2006 11:00	55.2	49.0
12/30/2006 12:00	54.5	51.0
12/30/2006 13:00	51.0	48.9
12/30/2006 14:00	46.8	44.9
12/30/2006 15:00	46.4	43.4
12/30/2006 16:00	44.5	38.9
12/30/2006 17:00	36.7	47.5
12/30/2006 18:00	29.7	42.3
12/30/2006 19:00	19.0	23.9
12/30/2006 20:00	14.6	17.8
12/30/2006 21:00	11.2	13.8
12/30/2006 22:00	9.4	13.0
12/30/2006 23:00	8.2	13.3
12/31/2006 0:00	7.9	11.6
12/31/2006 1:00	5.9	8.2
12/31/2006 2:00	6.1	8.0
12/31/2006 3:00	6.2	9.5
12/31/2006 4:00	7.1	8.9
12/31/2006 5:00	6.1	7.8
12/31/2006 6:00	5.2	6.2
12/31/2006 7:00	5.0	6.4
12/31/2006 8:00	5.6	8.1

Appendix A1

Record of NO_x Measurements

Date/Time	Hourly Average NO _x Concentration (µg/m ³)	
	Ontario Public Health Laboratory	St. Clair College
12/31/2006 9:00	6.0	10.0
12/31/2006 10:00	6.6	10.4
12/31/2006 11:00	7.8	10.9
12/31/2006 12:00	8.8	12.5
12/31/2006 13:00	9.7	14.3
12/31/2006 14:00	10.0	14.4
12/31/2006 15:00	13.5	17.2
12/31/2006 16:00	15.7	15.4
12/31/2006 17:00	17.1	16.6
12/31/2006 18:00	15.8	16.3
12/31/2006 19:00	11.2	10.9
12/31/2006 20:00	9.0	7.7
12/31/2006 21:00	14.7	5.7
12/31/2006 22:00	10.2	5.9
12/31/2006 23:00	10.2	8.9

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
10/1/2006 0:00	19.5	16.9
10/1/2006 1:00	24.7	15.3
10/1/2006 2:00	24.2	14.3
10/1/2006 3:00	28.6	14.4
10/1/2006 4:00	26.2	14.9
10/1/2006 5:00	30.0	13.8
10/1/2006 6:00	26.3	10.4
10/1/2006 7:00	23.6	12.6
10/1/2006 8:00	22.0	13.8
10/1/2006 9:00	21.9	13.0
10/1/2006 10:00	36.9	13.9
10/1/2006 11:00	36.7	outlier removed
10/1/2006 12:00	32.5	outlier removed
10/1/2006 13:00	32.5	14.8
10/1/2006 14:00	25.7	11.9
10/1/2006 15:00	18.2	9.7
10/1/2006 16:00	19.0	10.3
10/1/2006 17:00	27.3	11.3
10/1/2006 18:00	24.4	14.2
10/1/2006 19:00	25.5	16.0
10/1/2006 20:00	14.6	14.5
10/1/2006 21:00	16.4	15.1
10/1/2006 22:00	28.7	17.2
10/1/2006 23:00	26.9	18.5
10/2/2006 0:00	31.8	22.6
10/2/2006 1:00	39.2	17.6
10/2/2006 2:00	21.8	16.9
10/2/2006 3:00	31.6	16.4
10/2/2006 4:00	11.9	16.3
10/2/2006 5:00	26.7	12.9
10/2/2006 6:00	32.6	12.2
10/2/2006 7:00	26.3	14.9
10/2/2006 8:00	33.5	13.8
10/2/2006 9:00	40.1	21.8
10/2/2006 10:00	37.3	12.8
10/2/2006 11:00	40.2	19.7
10/2/2006 12:00	38.9	16.1
10/2/2006 13:00	36.8	15.1
10/2/2006 14:00	35.7	15.8
10/2/2006 15:00	24.0	16.9
10/2/2006 16:00	31.5	22.9
10/2/2006 17:00	32.0	outlier removed
10/2/2006 18:00	27.9	13.8

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
10/2/2006 19:00	27.6	14.2
10/2/2006 20:00	32.0	16.0
10/2/2006 21:00	36.1	22.6
10/2/2006 22:00	40.5	15.3
10/2/2006 23:00	30.8	16.3
10/3/2006 0:00	28.1	15.2
10/3/2006 1:00	27.3	16.2
10/3/2006 2:00	41.7	19.3
10/3/2006 3:00	35.3	17.6
10/3/2006 4:00	39.3	20.2
10/3/2006 5:00	48.2	21.3
10/3/2006 6:00	50.5	19.2
10/3/2006 7:00	52.0	22.6
10/3/2006 8:00	50.0	25.3
10/3/2006 9:00	55.6	24.0
10/3/2006 10:00	51.3	20.5
10/3/2006 11:00	71.5	21.0
10/3/2006 12:00	61.4	19.8
10/3/2006 13:00	81.2	27.6
10/3/2006 14:00	57.7	19.1
10/3/2006 15:00	44.7	18.0
10/3/2006 16:00	37.3	26.9
10/3/2006 17:00	32.2	outlier removed
10/3/2006 18:00	30.6	17.2
10/3/2006 19:00	40.9	17.2
10/3/2006 20:00	37.5	16.1
10/3/2006 21:00	35.7	16.8
10/3/2006 22:00	39.7	26.8
10/3/2006 23:00	46.9	19.7
10/4/2006 0:00	43.4	14.5
10/4/2006 1:00	30.9	16.4
10/4/2006 2:00	34.6	17.1
10/4/2006 3:00	46.3	14.7
10/4/2006 4:00	54.6	24.0
10/4/2006 5:00	58.0	24.7
10/4/2006 6:00	69.9	22.0
10/4/2006 7:00	66.9	27.2
10/4/2006 8:00	80.2	25.2
10/4/2006 9:00	outlier removed	24.8
10/4/2006 10:00	outlier removed	23.1
10/4/2006 11:00	91.5	26.2
10/4/2006 12:00	56.0	24.9
10/4/2006 13:00	69.0	19.3

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
10/4/2006 14:00	76.9	21.8
10/4/2006 15:00	55.3	23.5
10/4/2006 16:00	40.7	19.0
10/4/2006 17:00	35.8	20.7
10/4/2006 18:00	40.7	19.6
10/4/2006 19:00	28.1	11.6
10/4/2006 20:00	27.8	13.7
10/4/2006 21:00	17.6	15.6
10/4/2006 22:00	24.0	19.9
10/4/2006 23:00	15.5	16.8
10/5/2006 0:00	20.6	18.0
10/5/2006 1:00	12.9	15.4
10/5/2006 2:00	23.1	12.6
10/5/2006 3:00	9.3	13.3
10/5/2006 4:00	13.3	11.9
10/5/2006 5:00	15.0	11.6
10/5/2006 6:00	13.1	12.3
10/5/2006 7:00	10.0	10.8
10/5/2006 8:00	6.8	6.8
10/5/2006 9:00	8.2	9.2
10/5/2006 10:00	9.5	13.3
10/5/2006 11:00	9.9	12.0
10/5/2006 12:00	13.5	14.4
10/5/2006 13:00	19.6	11.5
10/5/2006 14:00	6.9	11.3
10/5/2006 15:00	11.5	15.8
10/5/2006 16:00	18.8	13.2
10/5/2006 17:00	8.6	13.7
10/5/2006 18:00	11.2	12.7
10/5/2006 19:00	10.8	10.9
10/5/2006 20:00	9.6	12.4
10/5/2006 21:00	12.3	12.6
10/5/2006 22:00	14.4	11.2
10/5/2006 23:00	11.5	13.8
10/6/2006 0:00	4.7	15.4
10/6/2006 1:00	4.6	13.7
10/6/2006 2:00	9.9	13.2
10/6/2006 3:00	12.0	11.3
10/6/2006 4:00	8.5	11.6
10/6/2006 5:00	9.2	9.2
10/6/2006 6:00	11.8	7.4
10/6/2006 7:00	20.0	8.5
10/6/2006 8:00	6.1	9.6

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
10/6/2006 9:00	7.3	14.3
10/6/2006 10:00	12.9	14.1
10/6/2006 11:00	14.2	13.7
10/6/2006 12:00	18.8	14.3
10/6/2006 13:00	6.3	11.1
10/6/2006 14:00	9.7	14.6
10/6/2006 15:00	8.9	17.6
10/6/2006 16:00	10.6	10.2
10/6/2006 17:00	12.8	8.8
10/6/2006 18:00	11.5	12.6
10/6/2006 19:00	10.2	13.6
10/6/2006 20:00	10.8	12.4
10/6/2006 21:00	19.5	12.7
10/6/2006 22:00	25.2	17.5
10/6/2006 23:00	24.6	16.8
10/7/2006 0:00	21.1	15.3
10/7/2006 1:00	15.7	16.4
10/7/2006 2:00	27.2	14.5
10/7/2006 3:00	18.2	10.5
10/7/2006 4:00	15.9	11.3
10/7/2006 5:00	14.4	12.9
10/7/2006 6:00	13.1	12.4
10/7/2006 7:00	12.4	13.9
10/7/2006 8:00	25.4	14.8
10/7/2006 9:00	17.1	14.7
10/7/2006 10:00	24.7	16.0
10/7/2006 11:00	24.0	15.2
10/7/2006 12:00	16.6	11.0
10/7/2006 13:00	16.9	10.1
10/7/2006 14:00	17.1	10.1
10/7/2006 15:00	28.6	10.4
10/7/2006 16:00	9.7	11.0
10/7/2006 17:00	9.1	12.0
10/7/2006 18:00	31.6	13.4
10/7/2006 19:00	26.9	13.9
10/7/2006 20:00	23.4	16.0
10/7/2006 21:00	30.9	15.3
10/7/2006 22:00	27.8	14.8
10/7/2006 23:00	24.1	15.6
10/8/2006 0:00	34.6	13.6
10/8/2006 1:00	21.9	14.6
10/8/2006 2:00	36.6	18.0
10/8/2006 3:00	32.2	16.9

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
10/8/2006 4:00	33.5	15.7
10/8/2006 5:00	33.8	16.4
10/8/2006 6:00	33.6	15.8
10/8/2006 7:00	36.1	21.4
10/8/2006 8:00	32.3	17.3
10/8/2006 9:00	28.1	17.0
10/8/2006 10:00	31.6	16.0
10/8/2006 11:00	49.7	12.9
10/8/2006 12:00	46.8	13.4
10/8/2006 13:00	33.5	19.1
10/8/2006 14:00	26.6	74.2
10/8/2006 15:00	24.3	17.2
10/8/2006 16:00	31.3	19.6
10/8/2006 17:00	27.9	17.4
10/8/2006 18:00	38.5	16.1
10/8/2006 19:00	29.4	16.8
10/8/2006 20:00	30.1	17.8
10/8/2006 21:00	38.9	15.8
10/8/2006 22:00	39.8	23.0
10/8/2006 23:00	30.5	23.7
10/9/2006 0:00	40.2	23.2
10/9/2006 1:00	38.4	22.4
10/9/2006 2:00	41.7	19.1
10/9/2006 3:00	44.0	22.2
10/9/2006 4:00	48.2	21.2
10/9/2006 5:00	44.7	16.6
10/9/2006 6:00	45.8	15.6
10/9/2006 7:00	31.2	14.5
10/9/2006 8:00	33.4	11.8
10/9/2006 9:00	37.8	11.2
10/9/2006 10:00	59.6	14.5
10/9/2006 11:00	45.7	14.3
10/9/2006 12:00	54.4	16.2
10/9/2006 13:00	37.1	22.2
10/9/2006 14:00	35.4	16.6
10/9/2006 15:00	48.2	17.7
10/9/2006 16:00	51.8	17.8
10/9/2006 17:00	43.8	22.7
10/9/2006 18:00	45.3	27.4
10/9/2006 19:00	35.0	16.7
10/9/2006 20:00	21.9	15.2
10/9/2006 21:00	20.8	13.9
10/9/2006 22:00	27.1	13.4

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
10/9/2006 23:00	19.3	12.7
10/10/2006 0:00	18.5	14.0
10/10/2006 1:00	23.3	16.9
10/10/2006 2:00	22.5	14.8
10/10/2006 3:00	17.1	12.5
10/10/2006 4:00	17.9	14.0
10/10/2006 5:00	17.0	12.7
10/10/2006 6:00	16.1	14.1
10/10/2006 7:00	20.9	16.1
10/10/2006 8:00	12.0	14.9
10/10/2006 9:00	15.3	14.4
10/10/2006 10:00	18.3	12.4
10/10/2006 11:00	18.4	12.9
10/10/2006 12:00	21.0	15.3
10/10/2006 13:00	12.9	13.1
10/10/2006 14:00	15.2	10.1
10/10/2006 15:00	23.1	11.6
10/10/2006 16:00	16.9	12.6
10/10/2006 17:00	16.1	12.9
10/10/2006 18:00	20.6	15.9
10/10/2006 19:00	11.9	18.1
10/10/2006 20:00	29.0	18.0
10/10/2006 21:00	37.7	17.0
10/10/2006 22:00	34.3	13.7
10/10/2006 23:00	28.5	14.7
10/11/2006 0:00	23.5	18.2
10/11/2006 1:00	27.0	15.4
10/11/2006 2:00	32.3	14.0
10/11/2006 3:00	29.0	14.0
10/11/2006 4:00	34.0	13.3
10/11/2006 5:00	29.5	21.4
10/11/2006 6:00	38.4	20.2
10/11/2006 7:00	40.6	15.6
10/11/2006 8:00	48.1	22.1
10/11/2006 9:00	50.6	14.9
10/11/2006 10:00	56.1	22.6
10/11/2006 11:00	55.0	21.2
10/11/2006 12:00	59.2	19.7
10/11/2006 13:00	42.6	13.7
10/11/2006 14:00	33.9	14.5
10/11/2006 15:00	44.6	16.1
10/11/2006 16:00	57.1	15.4
10/11/2006 17:00	55.5	32.9

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
10/11/2006 18:00	43.6	outlier removed
10/11/2006 19:00	33.3	16.4
10/11/2006 20:00	25.3	15.2
10/11/2006 21:00	15.8	14.8
10/11/2006 22:00	14.5	14.8
10/11/2006 23:00	12.5	14.2
10/12/2006 0:00	13.0	15.3
10/12/2006 1:00	24.8	15.5
10/12/2006 2:00	20.2	13.6
10/12/2006 3:00	17.1	12.8
10/12/2006 4:00	15.5	12.5
10/12/2006 5:00	14.4	11.5
10/12/2006 6:00	12.3	11.2
10/12/2006 7:00	7.2	11.7
10/12/2006 8:00	9.0	11.0
10/12/2006 9:00	13.8	10.1
10/12/2006 10:00	11.8	11.6
10/12/2006 11:00	11.9	12.2
10/12/2006 12:00	13.9	11.6
10/12/2006 13:00	13.3	11.9
10/12/2006 14:00	13.2	12.4
10/12/2006 15:00	21.1	10.7
10/12/2006 16:00	16.1	10.9
10/12/2006 17:00	19.9	11.2
10/12/2006 18:00	17.1	19.5
10/12/2006 19:00	15.9	10.4
10/12/2006 20:00	16.6	12.0
10/12/2006 21:00	15.6	14.4
10/12/2006 22:00	9.3	13.3
10/12/2006 23:00	6.2	12.2
10/13/2006 0:00	8.5	12.5
10/13/2006 1:00	8.6	11.3
10/13/2006 2:00	11.3	13.3
10/13/2006 3:00	13.0	14.2
10/13/2006 4:00	8.1	13.4
10/13/2006 5:00	7.6	14.0
10/13/2006 6:00	10.3	11.9
10/13/2006 7:00	6.1	10.5
10/13/2006 8:00	7.4	15.0
10/13/2006 9:00	14.6	12.4
10/13/2006 10:00	11.9	10.1
10/13/2006 11:00	9.0	12.6
10/13/2006 12:00	12.7	11.8

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
10/13/2006 13:00	10.6	13.5
10/13/2006 14:00	6.1	45.3
10/13/2006 15:00	6.5	12.2
10/13/2006 16:00	9.2	11.1
10/13/2006 17:00	10.2	10.1
10/13/2006 18:00	11.2	11.4
10/13/2006 19:00	12.2	10.3
10/13/2006 20:00	11.5	10.1
10/13/2006 21:00	11.7	12.5
10/13/2006 22:00	7.4	11.6
10/13/2006 23:00	5.8	11.8
10/14/2006 0:00	8.2	12.7
10/14/2006 1:00	7.1	10.6
10/14/2006 2:00	8.0	10.2
10/14/2006 3:00	13.0	10.3
10/14/2006 4:00	15.9	10.5
10/14/2006 5:00	13.1	12.1
10/14/2006 6:00	11.8	12.1
10/14/2006 7:00	11.8	11.3
10/14/2006 8:00	11.1	11.4
10/14/2006 9:00	9.7	10.1
10/14/2006 10:00	8.0	9.4
10/14/2006 11:00	20.2	12.0
10/14/2006 12:00	8.9	35.1
10/14/2006 13:00	11.6	7.6
10/14/2006 14:00	14.7	8.4
10/14/2006 15:00	10.4	4.0
10/14/2006 16:00	8.3	2.7
10/14/2006 17:00	11.4	8.1
10/14/2006 18:00	9.9	8.8
10/14/2006 19:00	11.5	9.3
10/14/2006 20:00	11.2	8.9
10/14/2006 21:00	11.9	11.1
10/14/2006 22:00	13.8	15.8
10/14/2006 23:00	13.3	15.0
10/15/2006 0:00	15.9	12.4
10/15/2006 1:00	15.0	11.2
10/15/2006 2:00	9.9	11.2
10/15/2006 3:00	11.1	13.8
10/15/2006 4:00	20.2	16.4
10/15/2006 5:00	17.2	14.9
10/15/2006 6:00	16.5	11.4
10/15/2006 7:00	15.2	10.8

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
10/15/2006 8:00	13.9	11.9
10/15/2006 9:00	13.3	13.4
10/15/2006 10:00	9.9	13.3
10/15/2006 11:00	11.6	11.9
10/15/2006 12:00	13.0	11.7
10/15/2006 13:00	8.9	12.3
10/15/2006 14:00	11.9	10.1
10/15/2006 15:00	12.4	7.0
10/15/2006 16:00	10.6	9.0
10/15/2006 17:00	13.1	9.6
10/15/2006 18:00	11.2	11.1
10/15/2006 19:00	11.4	13.2
10/15/2006 20:00	13.9	11.5
10/15/2006 21:00	21.9	11.5
10/15/2006 22:00	19.6	14.7
10/15/2006 23:00	13.3	14.9
10/16/2006 0:00	13.5	13.4
10/16/2006 1:00	11.2	14.4
10/16/2006 2:00	11.0	14.5
10/16/2006 3:00	12.4	12.9
10/16/2006 4:00	10.6	11.8
10/16/2006 5:00	12.6	13.8
10/16/2006 6:00	15.2	17.5
10/16/2006 7:00	14.1	17.0
10/16/2006 8:00	10.7	15.7
10/16/2006 9:00	13.4	13.0
10/16/2006 10:00	16.4	11.6
10/16/2006 11:00	19.2	14.0
10/16/2006 12:00	26.0	11.6
10/16/2006 13:00	31.7	10.1
10/16/2006 14:00	20.9	11.0
10/16/2006 15:00	18.6	9.2
10/16/2006 16:00	17.8	11.0
10/16/2006 17:00	14.9	13.8
10/16/2006 18:00	15.2	13.8
10/16/2006 19:00	22.0	14.2
10/16/2006 20:00	22.1	15.1
10/16/2006 21:00	19.7	15.8
10/16/2006 22:00	28.8	16.6
10/16/2006 23:00	30.2	15.4
10/17/2006 0:00	26.0	12.1
10/17/2006 1:00	24.8	10.8
10/17/2006 2:00	26.3	14.8

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
10/17/2006 3:00	32.4	14.7
10/17/2006 4:00	36.1	13.2
10/17/2006 5:00	24.9	17.1
10/17/2006 6:00	30.5	15.2
10/17/2006 7:00	23.5	9.5
10/17/2006 8:00	26.4	8.9
10/17/2006 9:00	19.3	13.4
10/17/2006 10:00	26.8	14.0
10/17/2006 11:00	18.1	11.2
10/17/2006 12:00	22.2	12.3
10/17/2006 13:00	28.1	10.2
10/17/2006 14:00	29.1	7.6
10/17/2006 15:00	28.5	12.3
10/17/2006 16:00	29.3	15.0
10/17/2006 17:00	26.5	15.4
10/17/2006 18:00	21.5	14.8
10/17/2006 19:00	25.8	11.8
10/17/2006 20:00	20.5	22.8
10/17/2006 21:00	24.3	13.2
10/17/2006 22:00	21.2	13.1
10/17/2006 23:00	16.9	12.4
10/18/2006 0:00	29.7	15.2
10/18/2006 1:00	12.8	18.2
10/18/2006 2:00	20.4	17.5
10/18/2006 3:00	34.1	16.1
10/18/2006 4:00	33.4	16.3
10/18/2006 5:00	31.4	18.5
10/18/2006 6:00	28.9	17.8
10/18/2006 7:00	32.6	15.5
10/18/2006 8:00	20.8	14.6
10/18/2006 9:00	33.3	14.8
10/18/2006 10:00	30.6	14.9
10/18/2006 11:00	42.4	15.1
10/18/2006 12:00	37.3	16.2
10/18/2006 13:00	31.8	15.0
10/18/2006 14:00	40.2	15.2
10/18/2006 15:00	38.2	17.3
10/18/2006 16:00	34.8	63.8
10/18/2006 17:00	50.3	14.3
10/18/2006 18:00	31.5	14.9
10/18/2006 19:00	32.4	17.4
10/18/2006 20:00	31.2	18.2
10/18/2006 21:00	34.6	16.8

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
10/18/2006 22:00	36.9	15.6
10/18/2006 23:00	29.8	17.0
10/19/2006 0:00	39.6	17.1
10/19/2006 1:00	48.5	16.7
10/19/2006 2:00	36.0	18.3
10/19/2006 3:00	43.8	20.8
10/19/2006 4:00	49.4	20.4
10/19/2006 5:00	58.2	21.2
10/19/2006 6:00	50.7	20.3
10/19/2006 7:00	40.7	19.8
10/19/2006 8:00	31.8	15.0
10/19/2006 9:00	22.9	10.6
10/19/2006 10:00	19.7	9.2
10/19/2006 11:00	22.8	13.3
10/19/2006 12:00	26.2	13.2
10/19/2006 13:00	20.9	10.8
10/19/2006 14:00	19.8	9.6
10/19/2006 15:00	17.5	9.5
10/19/2006 16:00	16.5	13.4
10/19/2006 17:00	13.3	15.3
10/19/2006 18:00	12.5	12.5
10/19/2006 19:00	18.3	12.1
10/19/2006 20:00	2.0	19.7
10/19/2006 21:00	9.8	15.9
10/19/2006 22:00	16.2	15.2
10/19/2006 23:00	14.1	13.7
10/20/2006 0:00	12.5	12.7
10/20/2006 1:00	12.6	11.5
10/20/2006 2:00	13.2	13.5
10/20/2006 3:00	14.3	13.5
10/20/2006 4:00	16.0	10.7
10/20/2006 5:00	17.6	11.2
10/20/2006 6:00	25.9	13.9
10/20/2006 7:00	21.1	13.6
10/20/2006 8:00	13.6	11.9
10/20/2006 9:00	20.9	13.7
10/20/2006 10:00	20.0	13.7
10/20/2006 11:00	28.3	12.4
10/20/2006 12:00	10.2	12.2
10/20/2006 13:00	11.3	12.1
10/20/2006 14:00	20.9	11.1
10/20/2006 15:00	17.9	10.3
10/20/2006 16:00	17.9	17.9

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
10/20/2006 17:00	18.2	95.0
10/20/2006 18:00	17.5	14.7
10/20/2006 19:00	14.5	15.1
10/20/2006 20:00	14.2	14.6
10/20/2006 21:00	22.5	13.1
10/20/2006 22:00	19.5	15.6
10/20/2006 23:00	24.6	17.1
10/21/2006 0:00	28.8	14.5
10/21/2006 1:00	21.8	13.8
10/21/2006 2:00	16.2	15.3
10/21/2006 3:00	20.8	15.7
10/21/2006 4:00	24.3	14.8
10/21/2006 5:00	20.4	16.6
10/21/2006 6:00	23.1	16.4
10/21/2006 7:00	18.4	13.3
10/21/2006 8:00	21.1	10.3
10/21/2006 9:00	24.8	11.9
10/21/2006 10:00	32.7	14.9
10/21/2006 11:00	30.6	16.3
10/21/2006 12:00	26.9	17.2
10/21/2006 13:00	29.6	16.1
10/21/2006 14:00	26.7	14.2
10/21/2006 15:00	34.5	13.8
10/21/2006 16:00	27.0	18.2
10/21/2006 17:00	30.2	77.1
10/21/2006 18:00	24.1	13.8
10/21/2006 19:00	24.7	15.0
10/21/2006 20:00	18.7	15.1
10/21/2006 21:00	20.4	16.4
10/21/2006 22:00	31.4	20.6
10/21/2006 23:00	28.6	17.8
10/22/2006 0:00	25.1	16.4
10/22/2006 1:00	18.2	13.4
10/22/2006 2:00	24.3	12.5
10/22/2006 3:00	22.7	16.3
10/22/2006 4:00	24.9	17.0
10/22/2006 5:00	35.4	14.7
10/22/2006 6:00	33.1	15.2
10/22/2006 7:00	31.0	20.7
10/22/2006 8:00	22.0	19.6
10/22/2006 9:00	38.9	19.1
10/22/2006 10:00	38.0	16.9
10/22/2006 11:00	39.3	19.9

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
10/22/2006 12:00	33.2	22.0
10/22/2006 13:00	28.5	18.6
10/22/2006 14:00	23.0	15.3
10/22/2006 15:00	23.5	13.1
10/22/2006 16:00	25.6	14.5
10/22/2006 17:00	15.2	14.1
10/22/2006 18:00	14.5	13.2
10/22/2006 19:00	12.7	12.2
10/22/2006 20:00	15.2	10.5
10/22/2006 21:00	15.2	11.2
10/22/2006 22:00	15.1	11.0
10/22/2006 23:00	11.3	11.1
10/23/2006 0:00	7.4	12.8
10/23/2006 1:00	12.6	12.9
10/23/2006 2:00	15.6	12.2
10/23/2006 3:00	15.5	12.0
10/23/2006 4:00	14.2	10.5
10/23/2006 5:00	14.3	10.0
10/23/2006 6:00	23.2	12.1
10/23/2006 7:00	19.8	13.8
10/23/2006 8:00	16.1	16.6
10/23/2006 9:00	17.3	15.4
10/23/2006 10:00	17.4	13.3
10/23/2006 11:00	19.7	15.2
10/23/2006 12:00	13.3	16.7
10/23/2006 13:00	15.2	13.6
10/23/2006 14:00	15.0	10.2
10/23/2006 15:00	10.6	9.6
10/23/2006 16:00	12.6	14.5
10/23/2006 17:00	15.2	93.5
10/23/2006 18:00	13.7	4.4
10/23/2006 19:00	14.2	7.7
10/23/2006 20:00	15.3	12.2
10/23/2006 21:00	16.4	13.3
10/23/2006 22:00	11.9	12.0
10/23/2006 23:00	12.3	11.0
10/24/2006 0:00	13.8	12.2
10/24/2006 1:00	11.3	12.0
10/24/2006 2:00	14.6	13.3
10/24/2006 3:00	15.4	14.2
10/24/2006 4:00	20.2	10.8
10/24/2006 5:00	17.2	10.2
10/24/2006 6:00	14.6	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
10/24/2006 7:00	15.0	11.4
10/24/2006 8:00	16.5	12.8
10/24/2006 9:00	13.9	14.8
10/24/2006 10:00	13.9	13.5
10/24/2006 11:00	14.4	11.4
10/24/2006 12:00	9.7	13.8
10/24/2006 13:00	7.3	14.5
10/24/2006 14:00	8.4	12.4
10/24/2006 15:00	6.4	9.7
10/24/2006 16:00	5.2	9.6
10/24/2006 17:00	9.3	14.1
10/24/2006 18:00	11.8	67.4
10/24/2006 19:00	12.0	14.1
10/24/2006 20:00	15.5	11.9
10/24/2006 21:00	12.9	12.8
10/24/2006 22:00	6.1	14.2
10/24/2006 23:00	21.8	11.2
10/25/2006 0:00	17.3	11.4
10/25/2006 1:00	17.4	13.9
10/25/2006 2:00	12.2	13.3
10/25/2006 3:00	11.6	10.6
10/25/2006 4:00	12.2	6.6
10/25/2006 5:00	4.8	5.6
10/25/2006 6:00	6.4	9.6
10/25/2006 7:00	13.4	10.6
10/25/2006 8:00	14.6	11.7
10/25/2006 9:00	15.3	12.4
10/25/2006 10:00	17.1	14.4
10/25/2006 11:00	14.2	16.6
10/25/2006 12:00	14.6	14.0
10/25/2006 13:00	15.0	8.9
10/25/2006 14:00	9.8	6.4
10/25/2006 15:00	8.3	9.8
10/25/2006 16:00	6.3	10.6
10/25/2006 17:00	4.1	9.3
10/25/2006 18:00	5.2	12.4
10/25/2006 19:00	8.9	15.4
10/25/2006 20:00	19.5	13.3
10/25/2006 21:00	8.7	14.8
10/25/2006 22:00	13.7	16.5
10/25/2006 23:00	15.2	12.3
10/26/2006 0:00	15.2	9.4
10/26/2006 1:00	14.8	9.4

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
10/26/2006 2:00	11.9	12.2
10/26/2006 3:00	14.2	15.2
10/26/2006 4:00	13.5	16.5
10/26/2006 5:00	13.2	15.2
10/26/2006 6:00	13.9	12.9
10/26/2006 7:00	13.5	14.7
10/26/2006 8:00	13.6	16.6
10/26/2006 9:00	15.0	14.8
10/26/2006 10:00	23.2	15.5
10/26/2006 11:00	18.7	17.7
10/26/2006 12:00	19.5	13.2
10/26/2006 13:00	10.0	9.9
10/26/2006 14:00	13.9	12.2
10/26/2006 15:00	15.6	13.1
10/26/2006 16:00	15.2	10.6
10/26/2006 17:00	14.8	9.6
10/26/2006 18:00	12.5	13.0
10/26/2006 19:00	12.0	12.8
10/26/2006 20:00	14.6	13.3
10/26/2006 21:00	14.5	17.4
10/26/2006 22:00	12.5	18.8
10/26/2006 23:00	10.4	44.5
10/27/2006 0:00	13.8	33.7
10/27/2006 1:00	16.4	56.2
10/27/2006 2:00	16.3	59.7
10/27/2006 3:00	16.0	60.7
10/27/2006 4:00	26.5	49.0
10/27/2006 5:00	19.4	50.0
10/27/2006 6:00	28.2	49.0
10/27/2006 7:00	23.4	45.6
10/27/2006 8:00	23.1	41.3
10/27/2006 9:00	16.6	46.2
10/27/2006 10:00	22.5	46.3
10/27/2006 11:00	17.5	43.8
10/27/2006 12:00	17.0	54.9
10/27/2006 13:00	24.9	24.7
10/27/2006 14:00	14.8	24.1
10/27/2006 15:00	20.8	13.7
10/27/2006 16:00	23.7	14.4
10/27/2006 17:00	24.8	17.8
10/27/2006 18:00	20.1	50.8
10/27/2006 19:00	22.9	14.1
10/27/2006 20:00	19.9	13.9

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
10/27/2006 21:00	19.8	14.9
10/27/2006 22:00	17.5	16.1
10/27/2006 23:00	14.1	14.2
10/28/2006 0:00	11.9	15.5
10/28/2006 1:00	14.1	16.1
10/28/2006 2:00	19.9	16.0
10/28/2006 3:00	19.3	18.2
10/28/2006 4:00	13.3	16.3
10/28/2006 5:00	12.4	14.7
10/28/2006 6:00	9.6	14.0
10/28/2006 7:00	13.2	13.7
10/28/2006 8:00	28.8	13.4
10/28/2006 9:00	28.6	19.4
10/28/2006 10:00	23.7	10.5
10/28/2006 11:00	31.5	12.9
10/28/2006 12:00	24.1	12.8
10/28/2006 13:00	23.8	11.8
10/28/2006 14:00	6.9	12.7
10/28/2006 15:00	11.1	11.1
10/28/2006 16:00	16.7	11.0
10/28/2006 17:00	12.4	13.3
10/28/2006 18:00	9.6	13.1
10/28/2006 19:00	18.9	14.1
10/28/2006 20:00	14.4	15.7
10/28/2006 21:00	11.7	14.7
10/28/2006 22:00	8.9	16.1
10/28/2006 23:00	10.9	14.9
10/29/2006 0:00	10.3	14.3
10/29/2006 1:00	5.7	17.8
10/29/2006 2:00	6.2	16.7
10/29/2006 3:00	9.5	12.0
10/29/2006 4:00	10.3	10.3
10/29/2006 5:00	11.4	10.9
10/29/2006 6:00	8.7	13.2
10/29/2006 7:00	5.9	13.6
10/29/2006 8:00	9.5	11.5
10/29/2006 9:00	10.3	10.4
10/29/2006 10:00	11.7	10.0
10/29/2006 11:00	15.1	11.1
10/29/2006 12:00	11.8	12.1
10/29/2006 13:00	10.5	16.8
10/29/2006 14:00	10.3	67.1
10/29/2006 15:00	6.5	8.6

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
10/29/2006 16:00	9.3	10.5
10/29/2006 17:00	13.8	11.1
10/29/2006 18:00	11.7	9.7
10/29/2006 19:00	8.9	10.9
10/29/2006 20:00	10.3	12.6
10/29/2006 21:00	13.2	13.5
10/29/2006 22:00	12.5	16.0
10/29/2006 23:00	10.8	16.3
10/30/2006 0:00	9.8	13.1
10/30/2006 1:00	10.6	13.7
10/30/2006 2:00	13.5	13.1
10/30/2006 3:00	16.3	11.7
10/30/2006 4:00	16.0	14.5
10/30/2006 5:00	14.2	15.4
10/30/2006 6:00	13.6	13.7
10/30/2006 7:00	21.6	15.5
10/30/2006 8:00	21.8	14.8
10/30/2006 9:00	20.7	14.4
10/30/2006 10:00	19.3	16.8
10/30/2006 11:00	12.6	15.3
10/30/2006 12:00	22.8	41.9
10/30/2006 13:00	26.0	17.4
10/30/2006 14:00	23.9	50.1
10/30/2006 15:00	28.3	9.2
10/30/2006 16:00	18.9	9.9
10/30/2006 17:00	26.4	11.0
10/30/2006 18:00	25.3	12.5
10/30/2006 19:00	16.3	15.1
10/30/2006 20:00	17.1	14.7
10/30/2006 21:00	17.0	14.1
10/30/2006 22:00	23.0	14.8
10/30/2006 23:00	31.1	14.0
10/31/2006 0:00	23.1	12.8
10/31/2006 1:00	17.5	14.4
10/31/2006 2:00	17.2	17.3
10/31/2006 3:00	21.4	15.4
10/31/2006 4:00	14.9	14.1
10/31/2006 5:00	16.0	14.5
10/31/2006 6:00	18.1	13.4
10/31/2006 7:00	22.4	11.4
10/31/2006 8:00	19.4	12.3
10/31/2006 9:00	12.5	13.8
10/31/2006 10:00	20.3	15.2

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
10/31/2006 11:00	27.6	17.5
10/31/2006 12:00	39.1	21.6
10/31/2006 13:00	29.1	15.3
10/31/2006 14:00	37.2	22.6
10/31/2006 15:00	29.2	24.3
10/31/2006 16:00	4.5	20.2
10/31/2006 17:00	4.5	40.3
10/31/2006 18:00	outlier removed	19.6
10/31/2006 19:00	outlier removed	13.7
10/31/2006 20:00	outlier removed	19.9
10/31/2006 21:00	19.1	16.1
10/31/2006 22:00	25.8	14.9
10/31/2006 23:00	25.9	14.5
11/1/2006 0:00	23.1	15.7
11/1/2006 1:00	20.6	16.1
11/1/2006 2:00	25.5	16.9
11/1/2006 3:00	21.5	18.2
11/1/2006 4:00	16.1	17.0
11/1/2006 5:00	27.4	13.0
11/1/2006 6:00	26.3	14.2
11/1/2006 7:00	19.9	15.7
11/1/2006 8:00	19.7	13.6
11/1/2006 9:00	19.1	13.9
11/1/2006 10:00	27.0	8.2
11/1/2006 11:00	17.5	4.8
11/1/2006 12:00	17.5	0.8
11/1/2006 13:00	16.0	3.4
11/1/2006 14:00	16.0	21.4
11/1/2006 15:00	10.6	12.8
11/1/2006 16:00	9.4	14.3
11/1/2006 17:00	12.0	16.8
11/1/2006 18:00	12.1	23.2
11/1/2006 19:00	13.0	14.3
11/1/2006 20:00	15.0	16.0
11/1/2006 21:00	15.0	17.0
11/1/2006 22:00	16.0	15.5
11/1/2006 23:00	18.7	12.9
11/2/2006 0:00	16.6	15.1
11/2/2006 1:00	13.6	17.7
11/2/2006 2:00	20.6	16.9
11/2/2006 3:00	16.0	13.9
11/2/2006 4:00	13.1	11.8
11/2/2006 5:00	13.3	12.2

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
11/2/2006 6:00	16.6	13.3
11/2/2006 7:00	15.5	14.9
11/2/2006 8:00	15.6	14.4
11/2/2006 9:00	17.1	15.3
11/2/2006 10:00	17.9	17.0
11/2/2006 11:00	18.5	22.3
11/2/2006 12:00	24.1	13.5
11/2/2006 13:00	26.7	16.0
11/2/2006 14:00	15.9	16.2
11/2/2006 15:00	16.5	15.7
11/2/2006 16:00	21.0	21.3
11/2/2006 17:00	18.8	21.8
11/2/2006 18:00	22.2	23.4
11/2/2006 19:00	14.8	14.1
11/2/2006 20:00	15.1	13.7
11/2/2006 21:00	15.9	12.7
11/2/2006 22:00	20.3	10.6
11/2/2006 23:00	23.3	9.4
11/3/2006 0:00	16.6	12.3
11/3/2006 1:00	17.6	13.2
11/3/2006 2:00	18.9	14.2
11/3/2006 3:00	19.4	14.5
11/3/2006 4:00	18.8	14.9
11/3/2006 5:00	15.6	16.6
11/3/2006 6:00	15.7	14.3
11/3/2006 7:00	20.6	13.1
11/3/2006 8:00	16.8	13.1
11/3/2006 9:00	15.3	11.3
11/3/2006 10:00	14.7	10.8
11/3/2006 11:00	16.6	11.3
11/3/2006 12:00	18.4	14.3
11/3/2006 13:00	24.4	20.1
11/3/2006 14:00	19.3	13.8
11/3/2006 15:00	17.3	14.9
11/3/2006 16:00	15.4	15.6
11/3/2006 17:00	17.0	12.7
11/3/2006 18:00	16.0	14.7
11/3/2006 19:00	16.8	20.2
11/3/2006 20:00	20.2	18.0
11/3/2006 21:00	18.4	15.2
11/3/2006 22:00	23.8	16.2
11/3/2006 23:00	28.5	20.6
11/4/2006 0:00	19.1	23.0

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
11/4/2006 1:00	27.4	17.6
11/4/2006 2:00	21.5	20.2
11/4/2006 3:00	26.0	19.6
11/4/2006 4:00	29.7	19.8
11/4/2006 5:00	25.6	23.4
11/4/2006 6:00	22.5	22.5
11/4/2006 7:00	25.9	21.2
11/4/2006 8:00	27.5	28.4
11/4/2006 9:00	23.9	24.8
11/4/2006 10:00	24.6	26.1
11/4/2006 11:00	24.2	22.2
11/4/2006 12:00	26.8	20.2
11/4/2006 13:00	14.8	14.2
11/4/2006 14:00	16.5	14.4
11/4/2006 15:00	17.5	13.4
11/4/2006 16:00	16.6	10.4
11/4/2006 17:00	16.2	13.3
11/4/2006 18:00	17.6	20.1
11/4/2006 19:00	20.4	21.1
11/4/2006 20:00	23.5	16.0
11/4/2006 21:00	23.6	24.1
11/4/2006 22:00	20.8	18.7
11/4/2006 23:00	25.1	18.3
11/5/2006 0:00	21.3	19.8
11/5/2006 1:00	18.8	18.0
11/5/2006 2:00	21.9	21.7
11/5/2006 3:00	25.7	20.2
11/5/2006 4:00	22.4	21.5
11/5/2006 5:00	19.8	24.0
11/5/2006 6:00	20.0	21.8
11/5/2006 7:00	25.4	24.8
11/5/2006 8:00	21.6	18.1
11/5/2006 9:00	16.8	18.7
11/5/2006 10:00	17.6	20.8
11/5/2006 11:00	17.4	15.2
11/5/2006 12:00	22.8	14.8
11/5/2006 13:00	16.2	12.9
11/5/2006 14:00	17.5	9.4
11/5/2006 15:00	20.9	10.1
11/5/2006 16:00	21.8	14.2
11/5/2006 17:00	18.5	16.2
11/5/2006 18:00	22.1	15.7
11/5/2006 19:00	21.1	22.1

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
11/5/2006 20:00	21.8	22.7
11/5/2006 21:00	18.6	21.8
11/5/2006 22:00	23.0	23.9
11/5/2006 23:00	22.6	23.9
11/6/2006 0:00	25.9	22.8
11/6/2006 1:00	25.1	21.9
11/6/2006 2:00	25.8	24.0
11/6/2006 3:00	30.1	31.4
11/6/2006 4:00	27.0	22.5
11/6/2006 5:00	28.9	31.1
11/6/2006 6:00	28.9	32.7
11/6/2006 7:00	32.0	25.4
11/6/2006 8:00	33.5	25.5
11/6/2006 9:00	29.3	29.2
11/6/2006 10:00	34.1	32.5
11/6/2006 11:00	34.3	25.4
11/6/2006 12:00	31.1	24.8
11/6/2006 13:00	29.5	20.4
11/6/2006 14:00	17.5	9.2
11/6/2006 15:00	16.3	8.8
11/6/2006 16:00	15.1	8.7
11/6/2006 17:00	20.4	9.5
11/6/2006 18:00	14.1	11.3
11/6/2006 19:00	15.1	12.4
11/6/2006 20:00	24.3	14.8
11/6/2006 21:00	16.6	20.3
11/6/2006 22:00	17.5	19.0
11/6/2006 23:00	22.0	16.6
11/7/2006 0:00	26.4	24.8
11/7/2006 1:00	25.5	16.4
11/7/2006 2:00	22.6	20.2
11/7/2006 3:00	20.6	20.7
11/7/2006 4:00	23.3	17.3
11/7/2006 5:00	12.1	16.9
11/7/2006 6:00	14.7	16.4
11/7/2006 7:00	17.0	15.2
11/7/2006 8:00	15.7	13.4
11/7/2006 9:00	23.3	13.2
11/7/2006 10:00	25.4	16.2
11/7/2006 11:00	23.7	18.8
11/7/2006 12:00	24.6	22.9
11/7/2006 13:00	26.1	23.0
11/7/2006 14:00	26.7	22.1

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
11/7/2006 15:00	24.9	14.3
11/7/2006 16:00	21.4	16.9
11/7/2006 17:00	19.2	21.4
11/7/2006 18:00	19.3	46.6
11/7/2006 19:00	25.3	38.5
11/7/2006 20:00	21.9	30.6
11/7/2006 21:00	20.7	33.4
11/7/2006 22:00	27.3	82.5
11/7/2006 23:00	26.6	57.2
11/8/2006 0:00	25.5	100.7
11/8/2006 1:00	24.8	outlier removed
11/8/2006 2:00	23.5	outlier removed
11/8/2006 3:00	29.6	116.8
11/8/2006 4:00	17.6	24.6
11/8/2006 5:00	16.0	21.0
11/8/2006 6:00	22.1	15.8
11/8/2006 7:00	18.8	14.9
11/8/2006 8:00	14.5	12.7
11/8/2006 9:00	13.5	12.7
11/8/2006 10:00	15.2	13.8
11/8/2006 11:00	21.0	21.7
11/8/2006 12:00	25.7	22.1
11/8/2006 13:00	29.8	29.9
11/8/2006 14:00	22.5	24.1
11/8/2006 15:00	21.2	21.7
11/8/2006 16:00	20.3	20.2
11/8/2006 17:00	18.3	20.2
11/8/2006 18:00	17.9	15.3
11/8/2006 19:00	17.4	16.7
11/8/2006 20:00	23.7	20.1
11/8/2006 21:00	17.8	15.1
11/8/2006 22:00	21.8	20.0
11/8/2006 23:00	20.5	22.5
11/9/2006 0:00	19.6	24.8
11/9/2006 1:00	28.3	23.5
11/9/2006 2:00	26.1	26.2
11/9/2006 3:00	29.0	36.3
11/9/2006 4:00	24.3	32.1
11/9/2006 5:00	28.1	30.4
11/9/2006 6:00	29.5	28.5
11/9/2006 7:00	28.1	24.7
11/9/2006 8:00	25.4	30.3
11/9/2006 9:00	28.3	25.4

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
11/9/2006 10:00	25.4	31.5
11/9/2006 11:00	33.0	40.8
11/9/2006 12:00	37.0	33.1
11/9/2006 13:00	37.1	30.4
11/9/2006 14:00	27.9	20.8
11/9/2006 15:00	28.6	30.0
11/9/2006 16:00	24.0	24.8
11/9/2006 17:00	27.2	21.7
11/9/2006 18:00	22.3	23.7
11/9/2006 19:00	24.4	24.9
11/9/2006 20:00	25.0	24.3
11/9/2006 21:00	28.4	24.8
11/9/2006 22:00	34.9	30.0
11/9/2006 23:00	23.6	30.2
11/10/2006 0:00	17.0	18.7
11/10/2006 1:00	10.6	15.5
11/10/2006 2:00	10.7	10.1
11/10/2006 3:00	10.8	8.9
11/10/2006 4:00	6.1	11.5
11/10/2006 5:00	8.5	13.3
11/10/2006 6:00	10.5	11.0
11/10/2006 7:00	10.3	7.1
11/10/2006 8:00	7.6	6.0
11/10/2006 9:00	6.2	9.2
11/10/2006 10:00	7.9	13.3
11/10/2006 11:00	10.0	12.1
11/10/2006 12:00	10.6	8.0
11/10/2006 13:00	9.0	7.6
11/10/2006 14:00	7.4	5.1
11/10/2006 15:00	8.2	1.7
11/10/2006 16:00	11.7	6.0
11/10/2006 17:00	15.1	9.6
11/10/2006 18:00	11.6	8.4
11/10/2006 19:00	7.6	10.9
11/10/2006 20:00	8.4	11.9
11/10/2006 21:00	8.6	8.5
11/10/2006 22:00	10.2	9.7
11/10/2006 23:00	11.8	10.9
11/11/2006 0:00	10.2	11.4
11/11/2006 1:00	9.7	11.1
11/11/2006 2:00	10.4	5.9
11/11/2006 3:00	11.9	5.6
11/11/2006 4:00	20.1	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
11/11/2006 5:00	14.5	34.2
11/11/2006 6:00	12.4	22.2
11/11/2006 7:00	10.3	19.0
11/11/2006 8:00	9.0	116.3
11/11/2006 9:00	8.1	3.0
11/11/2006 10:00	8.4	85.5
11/11/2006 11:00	7.3	outlier removed
11/11/2006 12:00	3.9	0.8
11/11/2006 13:00	5.6	25.3
11/11/2006 14:00	9.5	56.0
11/11/2006 15:00	8.1	52.5
11/11/2006 16:00	8.9	59.2
11/11/2006 17:00	8.7	28.0
11/11/2006 18:00	5.7	19.7
11/11/2006 19:00	8.0	5.5
11/11/2006 20:00	12.3	4.3
11/11/2006 21:00	10.4	7.4
11/11/2006 22:00	9.8	8.5
11/11/2006 23:00	11.1	7.4
11/12/2006 0:00	8.9	7.5
11/12/2006 1:00	9.7	9.1
11/12/2006 2:00	10.2	9.8
11/12/2006 3:00	11.8	7.5
11/12/2006 4:00	11.3	6.4
11/12/2006 5:00	9.4	4.8
11/12/2006 6:00	11.3	4.0
11/12/2006 7:00	8.5	4.6
11/12/2006 8:00	8.2	6.4
11/12/2006 9:00	11.7	6.5
11/12/2006 10:00	12.8	5.3
11/12/2006 11:00	9.4	5.0
11/12/2006 12:00	9.1	12.8
11/12/2006 13:00	12.5	12.1
11/12/2006 14:00	9.8	8.4
11/12/2006 15:00	5.2	4.3
11/12/2006 16:00	7.3	6.2
11/12/2006 17:00	12.4	8.1
11/12/2006 18:00	12.4	6.8
11/12/2006 19:00	9.8	6.8
11/12/2006 20:00	9.0	7.2
11/12/2006 21:00	8.6	12.7
11/12/2006 22:00	7.9	13.5
11/12/2006 23:00	8.3	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
11/13/2006 0:00	12.3	21.1
11/13/2006 1:00	22.7	10.9
11/13/2006 2:00	8.1	8.9
11/13/2006 3:00	9.2	8.7
11/13/2006 4:00	11.4	9.9
11/13/2006 5:00	13.1	9.1
11/13/2006 6:00	12.7	7.7
11/13/2006 7:00	12.8	7.8
11/13/2006 8:00	12.9	10.0
11/13/2006 9:00	11.6	10.8
11/13/2006 10:00	11.9	10.7
11/13/2006 11:00	12.6	13.5
11/13/2006 12:00	13.0	12.9
11/13/2006 13:00	11.7	8.3
11/13/2006 14:00	14.2	9.8
11/13/2006 15:00	21.5	13.7
11/13/2006 16:00	26.2	15.8
11/13/2006 17:00	19.0	20.2
11/13/2006 18:00	19.1	17.8
11/13/2006 19:00	25.5	17.8
11/13/2006 20:00	25.1	24.5
11/13/2006 21:00	18.7	22.0
11/13/2006 22:00	24.0	25.7
11/13/2006 23:00	27.7	24.7
11/14/2006 0:00	26.1	26.1
11/14/2006 1:00	30.9	20.6
11/14/2006 2:00	26.8	28.6
11/14/2006 3:00	27.8	34.6
11/14/2006 4:00	30.4	28.9
11/14/2006 5:00	33.5	31.0
11/14/2006 6:00	27.2	24.9
11/14/2006 7:00	27.6	22.5
11/14/2006 8:00	31.7	27.3
11/14/2006 9:00	31.3	30.7
11/14/2006 10:00	36.2	31.1
11/14/2006 11:00	46.8	34.4
11/14/2006 12:00	37.5	33.0
11/14/2006 13:00	34.5	34.9
11/14/2006 14:00	36.4	32.5
11/14/2006 15:00	26.7	32.8
11/14/2006 16:00	28.9	24.6
11/14/2006 17:00	35.2	26.3
11/14/2006 18:00	32.0	37.1

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
11/14/2006 19:00	30.9	36.1
11/14/2006 20:00	33.5	30.0
11/14/2006 21:00	39.5	38.5
11/14/2006 22:00	42.0	44.7
11/14/2006 23:00	39.3	37.3
11/15/2006 0:00	41.4	38.3
11/15/2006 1:00	36.6	35.4
11/15/2006 2:00	43.5	36.0
11/15/2006 3:00	34.8	36.2
11/15/2006 4:00	26.4	38.7
11/15/2006 5:00	32.4	33.4
11/15/2006 6:00	30.3	35.8
11/15/2006 7:00	28.8	28.7
11/15/2006 8:00	26.9	30.7
11/15/2006 9:00	25.6	34.8
11/15/2006 10:00	36.3	43.0
11/15/2006 11:00	38.0	37.0
11/15/2006 12:00	31.6	30.3
11/15/2006 13:00	30.3	22.1
11/15/2006 14:00	25.9	21.1
11/15/2006 15:00	34.3	30.1
11/15/2006 16:00	32.9	37.0
11/15/2006 17:00	30.1	33.6
11/15/2006 18:00	32.0	37.1
11/15/2006 19:00	22.7	30.4
11/15/2006 20:00	24.6	29.4
11/15/2006 21:00	30.0	30.7
11/15/2006 22:00	24.1	34.0
11/15/2006 23:00	33.4	33.8
11/16/2006 0:00	38.7	38.0
11/16/2006 1:00	34.4	35.9
11/16/2006 2:00	37.3	36.1
11/16/2006 3:00	31.1	30.9
11/16/2006 4:00	23.5	23.8
11/16/2006 5:00	26.1	30.6
11/16/2006 6:00	21.3	29.4
11/16/2006 7:00	17.7	29.1
11/16/2006 8:00	12.5	24.4
11/16/2006 9:00	7.1	outlier removed
11/16/2006 10:00	8.2	outlier removed
11/16/2006 11:00	8.6	outlier removed
11/16/2006 12:00	7.6	50.9
11/16/2006 13:00	7.5	56.2

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
11/16/2006 14:00	8.8	82.6
11/16/2006 15:00	5.9	42.8
11/16/2006 16:00	3.9	44.5
11/16/2006 17:00	7.9	43.5
11/16/2006 18:00	9.5	18.5
11/16/2006 19:00	6.8	21.7
11/16/2006 20:00	8.7	27.1
11/16/2006 21:00	12.0	47.9
11/16/2006 22:00	9.8	84.1
11/16/2006 23:00	9.3	74.3
11/17/2006 0:00	10.8	53.9
11/17/2006 1:00	11.6	45.2
11/17/2006 2:00	10.4	42.7
11/17/2006 3:00	7.1	30.5
11/17/2006 4:00	6.6	29.9
11/17/2006 5:00	12.9	25.2
11/17/2006 6:00	17.5	20.9
11/17/2006 7:00	12.3	6.7
11/17/2006 8:00	8.0	6.1
11/17/2006 9:00	10.2	7.1
11/17/2006 10:00	13.1	8.9
11/17/2006 11:00	13.5	7.9
11/17/2006 12:00	13.5	8.4
11/17/2006 13:00	12.9	10.5
11/17/2006 14:00	12.7	8.8
11/17/2006 15:00	15.4	7.6
11/17/2006 16:00	13.1	9.4
11/17/2006 17:00	10.9	11.3
11/17/2006 18:00	11.5	10.7
11/17/2006 19:00	10.5	10.3
11/17/2006 20:00	12.8	13.4
11/17/2006 21:00	17.0	16.0
11/17/2006 22:00	20.9	15.0
11/17/2006 23:00	22.5	16.3
11/18/2006 0:00	17.4	18.1
11/18/2006 1:00	17.2	21.3
11/18/2006 2:00	20.5	20.6
11/18/2006 3:00	16.1	21.1
11/18/2006 4:00	24.3	16.4
11/18/2006 5:00	23.0	16.6
11/18/2006 6:00	25.8	18.1
11/18/2006 7:00	22.8	21.1
11/18/2006 8:00	19.7	23.4

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
11/18/2006 9:00	22.8	15.4
11/18/2006 10:00	22.1	26.4
11/18/2006 11:00	24.0	27.9
11/18/2006 12:00	25.5	23.1
11/18/2006 13:00	19.4	20.1
11/18/2006 14:00	17.2	19.5
11/18/2006 15:00	17.0	14.0
11/18/2006 16:00	18.7	14.9
11/18/2006 17:00	18.2	23.8
11/18/2006 18:00	22.5	21.7
11/18/2006 19:00	16.5	26.8
11/18/2006 20:00	15.4	16.9
11/18/2006 21:00	17.1	17.1
11/18/2006 22:00	16.0	14.5
11/18/2006 23:00	15.0	11.2
11/19/2006 0:00	15.6	12.1
11/19/2006 1:00	14.2	12.7
11/19/2006 2:00	20.9	14.2
11/19/2006 3:00	19.3	15.1
11/19/2006 4:00	16.9	13.8
11/19/2006 5:00	14.8	13.4
11/19/2006 6:00	15.4	12.4
11/19/2006 7:00	20.2	11.9
11/19/2006 8:00	16.8	12.5
11/19/2006 9:00	15.7	11.5
11/19/2006 10:00	11.1	12.0
11/19/2006 11:00	9.8	12.5
11/19/2006 12:00	9.3	9.3
11/19/2006 13:00	7.1	7.7
11/19/2006 14:00	8.9	8.8
11/19/2006 15:00	11.3	10.7
11/19/2006 16:00	9.5	12.0
11/19/2006 17:00	8.3	9.9
11/19/2006 18:00	9.6	8.7
11/19/2006 19:00	11.2	8.1
11/19/2006 20:00	14.1	9.4
11/19/2006 21:00	13.0	10.3
11/19/2006 22:00	9.3	4.5
11/19/2006 23:00	8.2	3.9
11/20/2006 0:00	11.4	8.3
11/20/2006 1:00	12.0	6.7
11/20/2006 2:00	9.9	7.6
11/20/2006 3:00	9.5	11.7

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
11/20/2006 4:00	10.0	10.6
11/20/2006 5:00	11.5	11.3
11/20/2006 6:00	10.3	11.2
11/20/2006 7:00	9.8	6.2
11/20/2006 8:00	10.7	6.0
11/20/2006 9:00	10.2	8.1
11/20/2006 10:00	12.0	11.2
11/20/2006 11:00	10.1	13.3
11/20/2006 12:00	9.8	11.2
11/20/2006 13:00	12.9	9.3
11/20/2006 14:00	14.5	4.7
11/20/2006 15:00	10.0	0.9
11/20/2006 16:00	5.2	1.9
11/20/2006 17:00	9.6	6.0
11/20/2006 18:00	12.9	8.6
11/20/2006 19:00	14.3	11.6
11/20/2006 20:00	13.7	16.1
11/20/2006 21:00	12.5	16.4
11/20/2006 22:00	12.5	13.6
11/20/2006 23:00	15.1	11.0
11/21/2006 0:00	14.8	10.9
11/21/2006 1:00	12.2	9.4
11/21/2006 2:00	13.3	8.1
11/21/2006 3:00	11.8	11.4
11/21/2006 4:00	11.4	11.9
11/21/2006 5:00	20.2	10.7
11/21/2006 6:00	20.8	11.8
11/21/2006 7:00	22.3	15.2
11/21/2006 8:00	17.6	17.4
11/21/2006 9:00	20.8	14.9
11/21/2006 10:00	25.8	14.8
11/21/2006 11:00	20.7	16.6
11/21/2006 12:00	14.0	15.6
11/21/2006 13:00	13.8	13.4
11/21/2006 14:00	15.5	10.6
11/21/2006 15:00	12.7	5.7
11/21/2006 16:00	9.3	7.1
11/21/2006 17:00	13.4	12.7
11/21/2006 18:00	16.1	12.9
11/21/2006 19:00	22.0	9.9
11/21/2006 20:00	23.2	11.2
11/21/2006 21:00	23.4	19.9
11/21/2006 22:00	17.2	25.8

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
11/21/2006 23:00	25.0	26.2
11/22/2006 0:00	26.2	15.1
11/22/2006 1:00	13.7	16.0
11/22/2006 2:00	14.8	21.8
11/22/2006 3:00	17.0	24.0
11/22/2006 4:00	22.0	19.4
11/22/2006 5:00	23.5	21.0
11/22/2006 6:00	20.3	26.7
11/22/2006 7:00	32.4	24.4
11/22/2006 8:00	20.3	31.2
11/22/2006 9:00	31.6	26.7
11/22/2006 10:00	31.4	38.0
11/22/2006 11:00	32.5	32.5
11/22/2006 12:00	35.6	22.0
11/22/2006 13:00	28.7	24.8
11/22/2006 14:00	27.0	16.3
11/22/2006 15:00	24.3	17.3
11/22/2006 16:00	13.8	15.6
11/22/2006 17:00	14.9	11.4
11/22/2006 18:00	13.2	10.4
11/22/2006 19:00	13.5	13.9
11/22/2006 20:00	24.4	31.6
11/22/2006 21:00	22.3	41.8
11/22/2006 22:00	33.8	44.1
11/22/2006 23:00	32.4	46.3
11/23/2006 0:00	37.3	45.0
11/23/2006 1:00	38.7	51.5
11/23/2006 2:00	41.8	40.2
11/23/2006 3:00	46.2	39.2
11/23/2006 4:00	37.5	39.0
11/23/2006 5:00	40.7	40.0
11/23/2006 6:00	35.0	39.5
11/23/2006 7:00	38.3	38.6
11/23/2006 8:00	49.8	44.3
11/23/2006 9:00	46.8	42.8
11/23/2006 10:00	36.1	32.3
11/23/2006 11:00	39.7	34.6
11/23/2006 12:00	25.0	27.1
11/23/2006 13:00	24.9	17.2
11/23/2006 14:00	27.2	27.6
11/23/2006 15:00	44.8	28.7
11/23/2006 16:00	41.9	36.8
11/23/2006 17:00	38.3	36.3

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
11/23/2006 18:00	37.4	30.3
11/23/2006 19:00	37.4	48.2
11/23/2006 20:00	47.8	48.2
11/23/2006 21:00	25.8	27.9
11/23/2006 22:00	20.5	25.7
11/23/2006 23:00	23.9	23.8
11/24/2006 0:00	25.6	20.3
11/24/2006 1:00	27.1	25.3
11/24/2006 2:00	26.2	22.0
11/24/2006 3:00	24.0	19.9
11/24/2006 4:00	22.5	21.7
11/24/2006 5:00	24.3	15.0
11/24/2006 6:00	29.2	15.9
11/24/2006 7:00	20.6	17.3
11/24/2006 8:00	22.2	18.4
11/24/2006 9:00	22.0	16.6
11/24/2006 10:00	16.0	outlier removed
11/24/2006 11:00	13.5	9.8
11/24/2006 12:00	14.5	13.6
11/24/2006 13:00	28.1	17.3
11/24/2006 14:00	25.2	16.8
11/24/2006 15:00	19.9	14.5
11/24/2006 16:00	22.1	14.3
11/24/2006 17:00	23.1	21.3
11/24/2006 18:00	30.1	33.8
11/24/2006 19:00	26.3	45.0
11/24/2006 20:00	40.7	50.9
11/24/2006 21:00	40.8	34.4
11/24/2006 22:00	23.3	25.9
11/24/2006 23:00	19.7	30.5
11/25/2006 0:00	32.3	30.4
11/25/2006 1:00	35.5	27.4
11/25/2006 2:00	27.1	21.9
11/25/2006 3:00	29.4	27.0
11/25/2006 4:00	20.5	29.1
11/25/2006 5:00	23.8	24.3
11/25/2006 6:00	32.1	28.0
11/25/2006 7:00	25.3	25.7
11/25/2006 8:00	25.6	27.9
11/25/2006 9:00	29.2	26.2
11/25/2006 10:00	22.3	20.0
11/25/2006 11:00	18.6	22.2
11/25/2006 12:00	24.8	18.5

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
11/25/2006 13:00	25.0	18.0
11/25/2006 14:00	29.9	23.3
11/25/2006 15:00	21.9	19.7
11/25/2006 16:00	18.5	20.4
11/25/2006 17:00	26.3	25.9
11/25/2006 18:00	25.3	34.5
11/25/2006 19:00	20.2	35.1
11/25/2006 20:00	32.7	29.1
11/25/2006 21:00	35.8	24.3
11/25/2006 22:00	33.4	23.0
11/25/2006 23:00	29.4	27.2
11/26/2006 0:00	31.6	33.1
11/26/2006 1:00	28.2	30.4
11/26/2006 2:00	26.1	30.5
11/26/2006 3:00	28.1	29.2
11/26/2006 4:00	31.7	28.4
11/26/2006 5:00	31.3	28.7
11/26/2006 6:00	23.8	28.1
11/26/2006 7:00	30.3	28.7
11/26/2006 8:00	32.0	38.9
11/26/2006 9:00	32.4	33.5
11/26/2006 10:00	33.5	33.3
11/26/2006 11:00	34.0	29.2
11/26/2006 12:00	33.4	27.1
11/26/2006 13:00	38.5	30.9
11/26/2006 14:00	37.3	28.4
11/26/2006 15:00	31.9	32.7
11/26/2006 16:00	31.9	37.1
11/26/2006 17:00	35.2	29.9
11/26/2006 18:00	38.5	36.7
11/26/2006 19:00	32.7	46.2
11/26/2006 20:00	42.3	46.0
11/26/2006 21:00	48.7	48.7
11/26/2006 22:00	52.3	44.8
11/26/2006 23:00	47.7	44.2
11/27/2006 0:00	54.3	46.8
11/27/2006 1:00	48.9	46.0
11/27/2006 2:00	50.0	48.6
11/27/2006 3:00	52.3	44.1
11/27/2006 4:00	48.8	43.5
11/27/2006 5:00	50.7	44.1
11/27/2006 6:00	59.2	48.4
11/27/2006 7:00	54.2	45.4

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
11/27/2006 8:00	49.8	49.1
11/27/2006 9:00	51.9	47.0
11/27/2006 10:00	48.0	38.3
11/27/2006 11:00	43.6	39.8
11/27/2006 12:00	38.3	38.0
11/27/2006 13:00	41.7	38.2
11/27/2006 14:00	36.9	27.3
11/27/2006 15:00	31.1	31.2
11/27/2006 16:00	33.4	37.8
11/27/2006 17:00	33.5	29.9
11/27/2006 18:00	37.8	39.0
11/27/2006 19:00	45.7	35.3
11/27/2006 20:00	39.5	33.7
11/27/2006 21:00	41.6	33.2
11/27/2006 22:00	40.5	38.1
11/27/2006 23:00	45.4	42.7
11/28/2006 0:00	43.4	32.4
11/28/2006 1:00	48.6	39.7
11/28/2006 2:00	35.1	32.1
11/28/2006 3:00	36.9	40.4
11/28/2006 4:00	36.5	42.4
11/28/2006 5:00	40.5	39.5
11/28/2006 6:00	44.1	41.1
11/28/2006 7:00	36.7	38.6
11/28/2006 8:00	37.2	36.8
11/28/2006 9:00	31.1	31.1
11/28/2006 10:00	28.7	29.8
11/28/2006 11:00	28.8	25.4
11/28/2006 12:00	25.6	14.0
11/28/2006 13:00	32.1	14.6
11/28/2006 14:00	25.2	21.1
11/28/2006 15:00	21.9	20.5
11/28/2006 16:00	18.3	18.8
11/28/2006 17:00	22.1	19.9
11/28/2006 18:00	29.2	19.9
11/28/2006 19:00	26.3	25.4
11/28/2006 20:00	29.0	24.0
11/28/2006 21:00	24.6	25.0
11/28/2006 22:00	26.4	20.2
11/28/2006 23:00	22.7	20.5
11/29/2006 0:00	23.8	21.2
11/29/2006 1:00	25.8	22.0
11/29/2006 2:00	26.8	23.2

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
11/29/2006 3:00	20.3	27.4
11/29/2006 4:00	21.7	19.9
11/29/2006 5:00	26.7	19.8
11/29/2006 6:00	21.5	26.2
11/29/2006 7:00	29.1	26.1
11/29/2006 8:00	21.9	22.3
11/29/2006 9:00	29.2	27.4
11/29/2006 10:00	24.2	29.6
11/29/2006 11:00	25.2	21.6
11/29/2006 12:00	28.9	23.3
11/29/2006 13:00	24.8	27.1
11/29/2006 14:00	30.6	20.8
11/29/2006 15:00	21.1	16.6
11/29/2006 16:00	23.7	20.0
11/29/2006 17:00	20.6	21.2
11/29/2006 18:00	26.6	19.3
11/29/2006 19:00	29.2	29.3
11/29/2006 20:00	32.3	25.2
11/29/2006 21:00	30.5	29.2
11/29/2006 22:00	30.7	24.5
11/29/2006 23:00	23.5	26.5
11/30/2006 0:00	21.9	18.6
11/30/2006 1:00	25.2	22.5
11/30/2006 2:00	20.4	16.4
11/30/2006 3:00	19.0	17.4
11/30/2006 4:00	16.8	20.3
11/30/2006 5:00	16.2	11.0
11/30/2006 6:00	20.1	13.8
11/30/2006 7:00	13.3	22.4
11/30/2006 8:00	15.4	17.8
11/30/2006 9:00	17.1	17.3
11/30/2006 10:00	14.6	12.1
11/30/2006 11:00	9.3	10.6
11/30/2006 12:00	6.2	14.4
11/30/2006 13:00	6.4	12.0
11/30/2006 14:00	5.1	8.2
11/30/2006 15:00	7.6	25.8
11/30/2006 16:00	7.9	21.0
11/30/2006 17:00	4.8	11.8
11/30/2006 18:00	4.0	13.0
11/30/2006 19:00	7.8	24.5
11/30/2006 20:00	9.1	10.2
11/30/2006 21:00	8.5	12.3

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
11/30/2006 22:00	10.2	12.3
11/30/2006 23:00	8.2	139.5
12/1/2006 0:00	8.2	outlier removed
12/1/2006 1:00	7.8	45.9
12/1/2006 2:00	8.3	outlier removed
12/1/2006 3:00	9.5	outlier removed
12/1/2006 4:00	11.0	outlier removed
12/1/2006 5:00	10.2	outlier removed
12/1/2006 6:00	5.6	outlier removed
12/1/2006 7:00	8.2	outlier removed
12/1/2006 8:00	11.1	outlier removed
12/1/2006 9:00	7.4	outlier removed
12/1/2006 10:00	7.0	outlier removed
12/1/2006 11:00	6.5	outlier removed
12/1/2006 12:00	3.8	outlier removed
12/1/2006 13:00	3.9	outlier removed
12/1/2006 14:00	5.6	outlier removed
12/1/2006 15:00	7.4	outlier removed
12/1/2006 16:00	10.8	outlier removed
12/1/2006 17:00	11.1	outlier removed
12/1/2006 18:00	4.8	outlier removed
12/1/2006 19:00	5.0	52.5
12/1/2006 20:00	10.3	19.1
12/1/2006 21:00	10.8	23.2
12/1/2006 22:00	12.1	16.1
12/1/2006 23:00	9.8	14.2
12/2/2006 0:00	6.7	20.9
12/2/2006 1:00	9.8	16.6
12/2/2006 2:00	9.9	18.1
12/2/2006 3:00	9.5	17.2
12/2/2006 4:00	12.7	17.0
12/2/2006 5:00	15.8	17.3
12/2/2006 6:00	17.8	11.3
12/2/2006 7:00	15.1	11.0
12/2/2006 8:00	13.5	12.2
12/2/2006 9:00	17.4	12.3
12/2/2006 10:00	18.2	13.8
12/2/2006 11:00	17.1	11.7
12/2/2006 12:00	20.6	13.2
12/2/2006 13:00	15.0	15.8
12/2/2006 14:00	21.1	17.5
12/2/2006 15:00	15.6	19.2
12/2/2006 16:00	17.6	20.9

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
12/2/2006 17:00	18.4	23.6
12/2/2006 18:00	22.3	23.0
12/2/2006 19:00	19.5	19.6
12/2/2006 20:00	17.7	25.4
12/2/2006 21:00	17.6	18.1
12/2/2006 22:00	18.7	18.6
12/2/2006 23:00	23.2	16.6
12/3/2006 0:00	17.9	11.0
12/3/2006 1:00	21.5	21.7
12/3/2006 2:00	27.1	21.1
12/3/2006 3:00	18.0	17.7
12/3/2006 4:00	24.2	18.4
12/3/2006 5:00	21.5	22.9
12/3/2006 6:00	15.0	20.9
12/3/2006 7:00	12.7	15.8
12/3/2006 8:00	12.3	16.0
12/3/2006 9:00	14.5	12.9
12/3/2006 10:00	15.0	10.3
12/3/2006 11:00	13.4	13.5
12/3/2006 12:00	11.6	13.5
12/3/2006 13:00	10.0	11.4
12/3/2006 14:00	10.4	10.1
12/3/2006 15:00	13.3	9.2
12/3/2006 16:00	16.0	12.4
12/3/2006 17:00	17.9	13.8
12/3/2006 18:00	16.3	13.4
12/3/2006 19:00	16.7	14.2
12/3/2006 20:00	20.1	15.0
12/3/2006 21:00	15.6	12.5
12/3/2006 22:00	16.7	11.4
12/3/2006 23:00	16.1	13.6
12/4/2006 0:00	16.3	12.2
12/4/2006 1:00	19.9	11.0
12/4/2006 2:00	14.7	13.1
12/4/2006 3:00	15.8	13.6
12/4/2006 4:00	12.5	14.4
12/4/2006 5:00	10.8	14.3
12/4/2006 6:00	15.4	12.1
12/4/2006 7:00	17.1	11.2
12/4/2006 8:00	20.2	12.1
12/4/2006 9:00	15.4	11.3
12/4/2006 10:00	14.3	13.4
12/4/2006 11:00	15.9	16.5

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
12/4/2006 12:00	18.8	16.2
12/4/2006 13:00	21.2	16.3
12/4/2006 14:00	13.6	16.8
12/4/2006 15:00	14.3	15.4
12/4/2006 16:00	13.6	11.2
12/4/2006 17:00	14.4	9.7
12/4/2006 18:00	15.8	12.1
12/4/2006 19:00	16.5	13.8
12/4/2006 20:00	18.2	13.5
12/4/2006 21:00	21.9	13.5
12/4/2006 22:00	20.0	15.5
12/4/2006 23:00	17.3	17.6
12/5/2006 0:00	20.7	17.1
12/5/2006 1:00	21.6	25.7
12/5/2006 2:00	25.1	21.8
12/5/2006 3:00	19.0	16.1
12/5/2006 4:00	20.5	16.1
12/5/2006 5:00	19.5	17.7
12/5/2006 6:00	23.0	18.6
12/5/2006 7:00	30.5	18.6
12/5/2006 8:00	20.5	18.8
12/5/2006 9:00	24.7	19.8
12/5/2006 10:00	28.3	19.5
12/5/2006 11:00	20.2	15.7
12/5/2006 12:00	11.8	10.6
12/5/2006 13:00	14.5	10.2
12/5/2006 14:00	16.3	13.4
12/5/2006 15:00	17.6	15.3
12/5/2006 16:00	19.8	14.0
12/5/2006 17:00	17.9	14.3
12/5/2006 18:00	28.4	19.9
12/5/2006 19:00	21.1	15.1
12/5/2006 20:00	20.0	15.8
12/5/2006 21:00	22.8	16.6
12/5/2006 22:00	17.5	15.8
12/5/2006 23:00	21.9	15.5
12/6/2006 0:00	18.1	16.8
12/6/2006 1:00	18.4	17.8
12/6/2006 2:00	22.7	20.7
12/6/2006 3:00	18.9	16.7
12/6/2006 4:00	24.0	16.6
12/6/2006 5:00	20.0	20.9
12/6/2006 6:00	17.1	19.1

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
12/6/2006 7:00	22.9	21.2
12/6/2006 8:00	26.1	18.4
12/6/2006 9:00	30.6	20.2
12/6/2006 10:00	23.6	18.6
12/6/2006 11:00	20.6	23.5
12/6/2006 12:00	28.2	25.5
12/6/2006 13:00	24.6	18.3
12/6/2006 14:00	21.3	18.5
12/6/2006 15:00	17.7	17.5
12/6/2006 16:00	24.3	17.6
12/6/2006 17:00	24.3	18.6
12/6/2006 18:00	22.0	20.1
12/6/2006 19:00	24.2	19.7
12/6/2006 20:00	24.0	21.5
12/6/2006 21:00	12.4	16.6
12/6/2006 22:00	13.8	17.9
12/6/2006 23:00	24.2	20.9
12/7/2006 0:00	20.8	20.5
12/7/2006 1:00	18.6	16.4
12/7/2006 2:00	16.6	15.8
12/7/2006 3:00	16.5	15.1
12/7/2006 4:00	17.8	9.9
12/7/2006 5:00	14.6	4.9
12/7/2006 6:00	13.5	8.3
12/7/2006 7:00	14.3	11.6
12/7/2006 8:00	15.4	9.7
12/7/2006 9:00	16.5	8.7
12/7/2006 10:00	13.1	8.2
12/7/2006 11:00	9.4	8.6
12/7/2006 12:00	8.2	9.2
12/7/2006 13:00	9.5	6.7
12/7/2006 14:00	11.2	6.1
12/7/2006 15:00	9.3	7.2
12/7/2006 16:00	6.2	10.1
12/7/2006 17:00	9.1	11.2
12/7/2006 18:00	9.5	10.1
12/7/2006 19:00	8.7	9.9
12/7/2006 20:00	13.8	8.2
12/7/2006 21:00	15.5	7.2
12/7/2006 22:00	17.3	12.4
12/7/2006 23:00	18.6	13.1
12/8/2006 0:00	18.3	13.4
12/8/2006 1:00	17.3	10.4

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
12/8/2006 2:00	14.4	5.3
12/8/2006 3:00	12.7	6.8
12/8/2006 4:00	12.1	6.3
12/8/2006 5:00	12.1	7.2
12/8/2006 6:00	14.3	7.8
12/8/2006 7:00	13.2	7.9
12/8/2006 8:00	12.7	7.3
12/8/2006 9:00	12.7	6.8
12/8/2006 10:00	11.6	7.1
12/8/2006 11:00	12.7	6.2
12/8/2006 12:00	15.3	4.4
12/8/2006 13:00	13.7	4.0
12/8/2006 14:00	11.6	6.9
12/8/2006 15:00	14.2	8.5
12/8/2006 16:00	15.7	13.2
12/8/2006 17:00	15.2	14.3
12/8/2006 18:00	13.9	11.6
12/8/2006 19:00	15.6	13.2
12/8/2006 20:00	16.1	13.2
12/8/2006 21:00	13.5	11.7
12/8/2006 22:00	12.4	11.2
12/8/2006 23:00	16.0	10.3
12/9/2006 0:00	17.2	10.7
12/9/2006 1:00	12.9	13.3
12/9/2006 2:00	15.0	13.5
12/9/2006 3:00	19.4	13.6
12/9/2006 4:00	16.2	10.9
12/9/2006 5:00	13.8	12.1
12/9/2006 6:00	22.1	17.3
12/9/2006 7:00	15.8	15.9
12/9/2006 8:00	17.2	14.0
12/9/2006 9:00	17.1	14.0
12/9/2006 10:00	20.2	13.6
12/9/2006 11:00	23.4	16.3
12/9/2006 12:00	23.0	15.6
12/9/2006 13:00	17.7	11.4
12/9/2006 14:00	16.9	11.7
12/9/2006 15:00	16.9	13.7
12/9/2006 16:00	17.9	12.9
12/9/2006 17:00	15.4	13.6
12/9/2006 18:00	14.4	16.8
12/9/2006 19:00	20.8	17.2
12/9/2006 20:00	14.5	16.5

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
12/9/2006 21:00	16.9	24.1
12/9/2006 22:00	18.5	21.4
12/9/2006 23:00	18.4	9.0
12/10/2006 0:00	20.6	11.6
12/10/2006 1:00	14.1	15.2
12/10/2006 2:00	14.8	15.3
12/10/2006 3:00	20.2	14.0
12/10/2006 4:00	18.2	12.8
12/10/2006 5:00	15.1	14.2
12/10/2006 6:00	14.8	14.9
12/10/2006 7:00	17.7	15.3
12/10/2006 8:00	15.9	15.5
12/10/2006 9:00	13.7	11.2
12/10/2006 10:00	15.0	10.7
12/10/2006 11:00	14.0	12.6
12/10/2006 12:00	10.9	13.1
12/10/2006 13:00	13.5	11.7
12/10/2006 14:00	16.4	9.7
12/10/2006 15:00	20.0	10.1
12/10/2006 16:00	10.2	13.8
12/10/2006 17:00	6.4	14.6
12/10/2006 18:00	8.5	13.6
12/10/2006 19:00	12.3	13.9
12/10/2006 20:00	9.9	15.3
12/10/2006 21:00	12.7	16.3
12/10/2006 22:00	15.6	13.3
12/10/2006 23:00	16.9	15.5
12/11/2006 0:00	15.8	17.3
12/11/2006 1:00	21.0	14.0
12/11/2006 2:00	15.0	15.3
12/11/2006 3:00	17.5	17.3
12/11/2006 4:00	19.9	16.4
12/11/2006 5:00	18.6	22.0
12/11/2006 6:00	21.2	18.1
12/11/2006 7:00	18.5	19.9
12/11/2006 8:00	20.2	17.7
12/11/2006 9:00	20.8	17.9
12/11/2006 10:00	21.0	22.5
12/11/2006 11:00	outlier removed	20.5
12/11/2006 12:00	24.7	19.1
12/11/2006 13:00	22.8	20.8
12/11/2006 14:00	27.2	21.8
12/11/2006 15:00	23.8	21.5

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
12/11/2006 16:00	25.8	24.8
12/11/2006 17:00	25.4	20.7
12/11/2006 18:00	25.8	22.3
12/11/2006 19:00	26.1	31.2
12/11/2006 20:00	21.6	26.4
12/11/2006 21:00	25.7	24.4
12/11/2006 22:00	22.1	21.8
12/11/2006 23:00	20.2	24.4
12/12/2006 0:00	34.5	30.7
12/12/2006 1:00	27.3	25.9
12/12/2006 2:00	16.9	20.7
12/12/2006 3:00	25.4	21.4
12/12/2006 4:00	20.1	24.8
12/12/2006 5:00	20.0	19.4
12/12/2006 6:00	20.6	24.0
12/12/2006 7:00	19.7	20.9
12/12/2006 8:00	22.5	19.6
12/12/2006 9:00	21.9	21.1
12/12/2006 10:00	30.1	17.2
12/12/2006 11:00	24.6	15.1
12/12/2006 12:00	20.1	15.6
12/12/2006 13:00	20.2	17.0
12/12/2006 14:00	16.5	16.1
12/12/2006 15:00	15.5	17.4
12/12/2006 16:00	20.4	25.0
12/12/2006 17:00	19.2	23.0
12/12/2006 18:00	17.9	20.3
12/12/2006 19:00	15.4	16.3
12/12/2006 20:00	13.2	36.7
12/12/2006 21:00	14.9	17.1
12/12/2006 22:00	14.8	28.1
12/12/2006 23:00	13.1	27.1
12/13/2006 0:00	15.2	22.7
12/13/2006 1:00	21.2	25.3
12/13/2006 2:00	20.3	29.1
12/13/2006 3:00	18.4	34.1
12/13/2006 4:00	20.5	26.7
12/13/2006 5:00	17.7	29.3
12/13/2006 6:00	18.0	27.9
12/13/2006 7:00	18.4	24.8
12/13/2006 8:00	17.3	23.0
12/13/2006 9:00	16.2	20.2
12/13/2006 10:00	15.6	21.2

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
12/13/2006 11:00	20.9	18.4
12/13/2006 12:00	19.0	24.4
12/13/2006 13:00	17.7	21.0
12/13/2006 14:00	20.2	22.5
12/13/2006 15:00	18.2	21.2
12/13/2006 16:00	22.7	22.6
12/13/2006 17:00	24.0	28.9
12/13/2006 18:00	26.1	28.8
12/13/2006 19:00	27.8	32.4
12/13/2006 20:00	26.4	29.5
12/13/2006 21:00	29.6	30.6
12/13/2006 22:00	27.1	29.2
12/13/2006 23:00	39.1	25.7
12/14/2006 0:00	30.4	23.5
12/14/2006 1:00	23.9	23.6
12/14/2006 2:00	28.2	27.9
12/14/2006 3:00	27.1	27.0
12/14/2006 4:00	30.8	30.1
12/14/2006 5:00	31.8	24.4
12/14/2006 6:00	25.0	36.2
12/14/2006 7:00	25.6	31.1
12/14/2006 8:00	26.8	29.8
12/14/2006 9:00	26.5	23.4
12/14/2006 10:00	21.1	26.0
12/14/2006 11:00	26.3	25.8
12/14/2006 12:00	27.9	26.8
12/14/2006 13:00	22.0	20.1
12/14/2006 14:00	20.9	18.2
12/14/2006 15:00	24.4	18.7
12/14/2006 16:00	17.0	21.2
12/14/2006 17:00	16.2	14.1
12/14/2006 18:00	14.1	12.8
12/14/2006 19:00	12.1	13.8
12/14/2006 20:00	13.9	15.4
12/14/2006 21:00	17.1	13.5
12/14/2006 22:00	16.2	14.6
12/14/2006 23:00	12.5	16.6
12/15/2006 0:00	13.3	17.9
12/15/2006 1:00	17.8	19.6
12/15/2006 2:00	20.2	19.1
12/15/2006 3:00	18.7	19.0
12/15/2006 4:00	18.7	17.6
12/15/2006 5:00	16.1	13.4

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
12/15/2006 6:00	11.2	10.9
12/15/2006 7:00	8.6	10.0
12/15/2006 8:00	9.0	9.2
12/15/2006 9:00	10.5	11.8
12/15/2006 10:00	11.0	12.1
12/15/2006 11:00	9.7	11.4
12/15/2006 12:00	13.6	13.7
12/15/2006 13:00	13.9	13.5
12/15/2006 14:00	12.7	12.1
12/15/2006 15:00	13.5	10.0
12/15/2006 16:00	12.4	8.9
12/15/2006 17:00	11.7	8.3
12/15/2006 18:00	10.6	8.1
12/15/2006 19:00	9.7	9.7
12/15/2006 20:00	11.7	8.3
12/15/2006 21:00	12.5	10.9
12/15/2006 22:00	8.3	11.7
12/15/2006 23:00	5.1	7.5
12/16/2006 0:00	5.8	9.0
12/16/2006 1:00	7.4	11.3
12/16/2006 2:00	9.7	10.5
12/16/2006 3:00	11.7	11.6
12/16/2006 4:00	12.1	15.9
12/16/2006 5:00	20.4	18.3
12/16/2006 6:00	15.6	17.9
12/16/2006 7:00	17.0	15.7
12/16/2006 8:00	16.7	15.0
12/16/2006 9:00	14.1	15.3
12/16/2006 10:00	14.0	13.1
12/16/2006 11:00	15.9	9.5
12/16/2006 12:00	15.0	9.7
12/16/2006 13:00	13.5	9.5
12/16/2006 14:00	12.1	11.6
12/16/2006 15:00	14.4	15.0
12/16/2006 16:00	19.0	21.6
12/16/2006 17:00	18.9	22.6
12/16/2006 18:00	18.2	15.5
12/16/2006 19:00	20.8	21.8
12/16/2006 20:00	20.4	20.7
12/16/2006 21:00	20.6	12.4
12/16/2006 22:00	11.9	19.8
12/16/2006 23:00	14.8	18.0
12/17/2006 0:00	18.3	21.2

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
12/17/2006 1:00	26.2	22.8
12/17/2006 2:00	26.0	22.5
12/17/2006 3:00	25.2	27.7
12/17/2006 4:00	26.9	24.4
12/17/2006 5:00	25.0	30.7
12/17/2006 6:00	24.7	32.4
12/17/2006 7:00	31.6	32.4
12/17/2006 8:00	36.7	33.9
12/17/2006 9:00	34.5	33.7
12/17/2006 10:00	27.8	35.1
12/17/2006 11:00	28.9	32.6
12/17/2006 12:00	19.4	20.2
12/17/2006 13:00	19.1	21.0
12/17/2006 14:00	33.0	36.2
12/17/2006 15:00	35.7	42.9
12/17/2006 16:00	31.2	35.7
12/17/2006 17:00	22.9	28.0
12/17/2006 18:00	29.0	27.2
12/17/2006 19:00	22.5	32.4
12/17/2006 20:00	23.4	22.7
12/17/2006 21:00	17.9	27.4
12/17/2006 22:00	25.8	19.6
12/17/2006 23:00	18.3	23.3
12/18/2006 0:00	18.5	17.0
12/18/2006 1:00	18.4	17.2
12/18/2006 2:00	17.1	16.6
12/18/2006 3:00	14.3	14.0
12/18/2006 4:00	11.8	22.2
12/18/2006 5:00	11.7	15.4
12/18/2006 6:00	11.3	12.9
12/18/2006 7:00	11.4	9.0
12/18/2006 8:00	12.3	20.8
12/18/2006 9:00	12.0	14.4
12/18/2006 10:00	15.1	13.8
12/18/2006 11:00	19.0	13.9
12/18/2006 12:00	18.3	15.4
12/18/2006 13:00	14.7	13.3
12/18/2006 14:00	13.5	13.1
12/18/2006 15:00	12.7	14.3
12/18/2006 16:00	14.0	14.4
12/18/2006 17:00	14.6	15.8
12/18/2006 18:00	13.8	17.2
12/18/2006 19:00	14.7	18.7

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
12/18/2006 20:00	12.2	17.4
12/18/2006 21:00	12.8	17.3
12/18/2006 22:00	22.3	18.5
12/18/2006 23:00	30.4	18.3
12/19/2006 0:00	25.6	22.6
12/19/2006 1:00	21.3	23.5
12/19/2006 2:00	22.3	19.6
12/19/2006 3:00	21.5	26.9
12/19/2006 4:00	21.5	21.7
12/19/2006 5:00	15.0	13.6
12/19/2006 6:00	24.0	30.7
12/19/2006 7:00	32.7	25.2
12/19/2006 8:00	25.6	24.5
12/19/2006 9:00	21.5	22.5
12/19/2006 10:00	25.8	22.0
12/19/2006 11:00	27.1	26.6
12/19/2006 12:00	28.4	20.0
12/19/2006 13:00	16.7	17.2
12/19/2006 14:00	17.3	14.3
12/19/2006 15:00	15.9	11.9
12/19/2006 16:00	14.4	10.6
12/19/2006 17:00	12.3	9.0
12/19/2006 18:00	20.3	10.7
12/19/2006 19:00	22.4	24.2
12/19/2006 20:00	24.2	19.5
12/19/2006 21:00	21.0	17.5
12/19/2006 22:00	20.0	21.1
12/19/2006 23:00	19.0	24.2
12/20/2006 0:00	21.2	20.3
12/20/2006 1:00	20.9	21.0
12/20/2006 2:00	24.2	19.0
12/20/2006 3:00	22.7	23.6
12/20/2006 4:00	25.8	23.8
12/20/2006 5:00	27.6	21.6
12/20/2006 6:00	30.1	28.9
12/20/2006 7:00	26.1	22.4
12/20/2006 8:00	25.4	27.9
12/20/2006 9:00	29.0	27.7
12/20/2006 10:00	31.2	26.1
12/20/2006 11:00	25.9	30.6
12/20/2006 12:00	29.7	22.9
12/20/2006 13:00	23.2	22.7
12/20/2006 14:00	25.7	19.1

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
12/20/2006 15:00	24.2	20.0
12/20/2006 16:00	28.4	25.5
12/20/2006 17:00	34.3	35.2
12/20/2006 18:00	34.6	36.3
12/20/2006 19:00	26.1	31.6
12/20/2006 20:00	36.0	34.0
12/20/2006 21:00	33.7	39.1
12/20/2006 22:00	40.5	39.5
12/20/2006 23:00	34.9	36.1
12/21/2006 0:00	40.4	outlier removed
12/21/2006 1:00	36.9	outlier removed
12/21/2006 2:00	33.5	outlier removed
12/21/2006 3:00	22.9	outlier removed
12/21/2006 4:00	22.1	outlier removed
12/21/2006 5:00	29.2	outlier removed
12/21/2006 6:00	29.8	outlier removed
12/21/2006 7:00	29.0	outlier removed
12/21/2006 8:00	29.8	outlier removed
12/21/2006 9:00	24.3	outlier removed
12/21/2006 10:00	23.5	outlier removed
12/21/2006 11:00	16.0	outlier removed
12/21/2006 12:00	14.8	outlier removed
12/21/2006 13:00	13.7	outlier removed
12/21/2006 14:00	14.0	outlier removed
12/21/2006 15:00	14.0	outlier removed
12/21/2006 16:00	15.4	outlier removed
12/21/2006 17:00	16.9	outlier removed
12/21/2006 18:00	16.9	outlier removed
12/21/2006 19:00	16.9	18.7
12/21/2006 20:00	17.2	29.3
12/21/2006 21:00	21.5	24.8
12/21/2006 22:00	24.5	22.9
12/21/2006 23:00	25.5	25.6
12/22/2006 0:00	21.8	26.7
12/22/2006 1:00	26.1	26.4
12/22/2006 2:00	24.8	27.0
12/22/2006 3:00	20.9	22.2
12/22/2006 4:00	17.7	19.8
12/22/2006 5:00	18.0	20.8
12/22/2006 6:00	16.6	31.1
12/22/2006 7:00	15.6	25.6
12/22/2006 8:00	22.7	28.5
12/22/2006 9:00	19.1	26.3

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
12/22/2006 10:00	16.4	19.2
12/22/2006 11:00	15.0	20.7
12/22/2006 12:00	17.3	26.6
12/22/2006 13:00	18.7	30.0
12/22/2006 14:00	17.8	36.2
12/22/2006 15:00	16.6	24.6
12/22/2006 16:00	14.9	24.5
12/22/2006 17:00	13.2	19.2
12/22/2006 18:00	10.1	17.9
12/22/2006 19:00	4.1	15.3
12/22/2006 20:00	5.3	11.8
12/22/2006 21:00	13.6	10.1
12/22/2006 22:00	17.3	12.6
12/22/2006 23:00	16.0	14.0
12/23/2006 0:00	15.6	20.2
12/23/2006 1:00	13.8	24.2
12/23/2006 2:00	11.4	15.6
12/23/2006 3:00	11.4	16.4
12/23/2006 4:00	10.4	15.2
12/23/2006 5:00	11.1	13.4
12/23/2006 6:00	12.4	14.1
12/23/2006 7:00	9.8	14.0
12/23/2006 8:00	8.1	14.4
12/23/2006 9:00	10.6	13.1
12/23/2006 10:00	14.5	12.9
12/23/2006 11:00	16.6	16.1
12/23/2006 12:00	17.3	20.5
12/23/2006 13:00	16.3	13.3
12/23/2006 14:00	15.5	24.2
12/23/2006 15:00	13.9	16.0
12/23/2006 16:00	13.3	17.3
12/23/2006 17:00	22.5	22.8
12/23/2006 18:00	15.8	16.9
12/23/2006 19:00	16.6	16.8
12/23/2006 20:00	17.3	18.1
12/23/2006 21:00	17.1	19.0
12/23/2006 22:00	15.3	20.7
12/23/2006 23:00	15.2	19.4
12/24/2006 0:00	20.0	19.2
12/24/2006 1:00	14.1	16.5
12/24/2006 2:00	13.1	20.9
12/24/2006 3:00	14.6	10.7
12/24/2006 4:00	14.5	14.8

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
12/24/2006 5:00	12.0	17.2
12/24/2006 6:00	7.4	13.5
12/24/2006 7:00	7.6	10.5
12/24/2006 8:00	11.6	10.7
12/24/2006 9:00	9.5	12.6
12/24/2006 10:00	12.0	11.0
12/24/2006 11:00	13.6	12.9
12/24/2006 12:00	13.2	15.3
12/24/2006 13:00	14.9	12.9
12/24/2006 14:00	12.7	11.0
12/24/2006 15:00	11.6	12.2
12/24/2006 16:00	14.3	14.3
12/24/2006 17:00	14.3	14.2
12/24/2006 18:00	14.8	23.7
12/24/2006 19:00	18.3	22.4
12/24/2006 20:00	22.1	25.0
12/24/2006 21:00	22.3	23.1
12/24/2006 22:00	23.6	22.4
12/24/2006 23:00	21.9	24.0
12/25/2006 0:00	21.7	22.7
12/25/2006 1:00	29.9	24.7
12/25/2006 2:00	25.6	25.7
12/25/2006 3:00	25.5	23.2
12/25/2006 4:00	24.8	22.0
12/25/2006 5:00	22.0	26.5
12/25/2006 6:00	25.3	21.6
12/25/2006 7:00	27.4	25.3
12/25/2006 8:00	22.7	26.0
12/25/2006 9:00	16.4	24.0
12/25/2006 10:00	27.0	24.9
12/25/2006 11:00	27.1	29.6
12/25/2006 12:00	27.7	22.4
12/25/2006 13:00	21.9	29.6
12/25/2006 14:00	21.5	24.0
12/25/2006 15:00	24.4	23.1
12/25/2006 16:00	23.3	24.5
12/25/2006 17:00	31.5	23.3
12/25/2006 18:00	32.0	48.9
12/25/2006 19:00	32.0	55.4
12/25/2006 20:00	20.9	34.3
12/25/2006 21:00	20.3	40.4
12/25/2006 22:00	30.5	43.5
12/25/2006 23:00	23.0	37.0

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
12/26/2006 0:00	19.8	32.3
12/26/2006 1:00	19.8	32.8
12/26/2006 2:00	19.4	29.5
12/26/2006 3:00	16.6	26.1
12/26/2006 4:00	22.1	24.6
12/26/2006 5:00	13.1	19.8
12/26/2006 6:00	16.0	31.6
12/26/2006 7:00	19.2	37.4
12/26/2006 8:00	20.9	34.7
12/26/2006 9:00	17.4	31.1
12/26/2006 10:00	16.5	29.0
12/26/2006 11:00	16.8	26.3
12/26/2006 12:00	18.4	23.5
12/26/2006 13:00	19.1	24.5
12/26/2006 14:00	18.3	24.4
12/26/2006 15:00	18.3	15.4
12/26/2006 16:00	18.0	22.0
12/26/2006 17:00	14.6	16.7
12/26/2006 18:00	12.5	13.3
12/26/2006 19:00	14.7	13.6
12/26/2006 20:00	13.9	15.4
12/26/2006 21:00	10.9	13.3
12/26/2006 22:00	11.4	15.8
12/26/2006 23:00	11.6	16.7
12/27/2006 0:00	9.3	14.8
12/27/2006 1:00	9.9	14.4
12/27/2006 2:00	10.6	14.3
12/27/2006 3:00	12.1	16.2
12/27/2006 4:00	14.1	17.2
12/27/2006 5:00	12.4	15.0
12/27/2006 6:00	12.7	14.9
12/27/2006 7:00	11.8	16.4
12/27/2006 8:00	13.5	23.2
12/27/2006 9:00	25.1	27.2
12/27/2006 10:00	21.2	21.7
12/27/2006 11:00	21.1	26.5
12/27/2006 12:00	27.3	18.9
12/27/2006 13:00	24.6	18.1
12/27/2006 14:00	25.4	22.0
12/27/2006 15:00	28.1	24.2
12/27/2006 16:00	26.0	20.8
12/27/2006 17:00	21.5	21.6
12/27/2006 18:00	17.0	27.2

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
12/27/2006 19:00	14.1	14.2
12/27/2006 20:00	22.3	16.0
12/27/2006 21:00	22.2	18.0
12/27/2006 22:00	21.8	23.1
12/27/2006 23:00	16.0	23.6
12/28/2006 0:00	20.4	20.4
12/28/2006 1:00	20.2	24.8
12/28/2006 2:00	21.9	22.7
12/28/2006 3:00	23.8	22.2
12/28/2006 4:00	24.4	23.1
12/28/2006 5:00	22.1	23.6
12/28/2006 6:00	18.8	21.2
12/28/2006 7:00	20.9	18.4
12/28/2006 8:00	24.0	26.3
12/28/2006 9:00	20.6	25.8
12/28/2006 10:00	20.2	21.3
12/28/2006 11:00	23.3	21.8
12/28/2006 12:00	27.1	27.2
12/28/2006 13:00	24.3	22.9
12/28/2006 14:00	24.0	21.4
12/28/2006 15:00	26.1	18.8
12/28/2006 16:00	25.9	23.5
12/28/2006 17:00	22.2	29.1
12/28/2006 18:00	20.3	31.1
12/28/2006 19:00	25.8	32.5
12/28/2006 20:00	28.4	28.4
12/28/2006 21:00	30.3	31.4
12/28/2006 22:00	27.1	28.2
12/28/2006 23:00	25.9	36.2
12/29/2006 0:00	29.0	31.1
12/29/2006 1:00	37.0	32.3
12/29/2006 2:00	29.8	35.4
12/29/2006 3:00	25.8	25.7
12/29/2006 4:00	22.5	22.7
12/29/2006 5:00	16.7	34.2
12/29/2006 6:00	25.3	26.7
12/29/2006 7:00	23.5	25.8
12/29/2006 8:00	25.7	27.7
12/29/2006 9:00	27.3	31.2
12/29/2006 10:00	25.4	31.5
12/29/2006 11:00	26.1	27.2
12/29/2006 12:00	26.4	19.1
12/29/2006 13:00	20.5	25.7

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
12/29/2006 14:00	17.3	24.7
12/29/2006 15:00	17.1	17.7
12/29/2006 16:00	18.1	18.4
12/29/2006 17:00	20.0	27.6
12/29/2006 18:00	18.2	25.0
12/29/2006 19:00	22.4	21.8
12/29/2006 20:00	16.0	20.5
12/29/2006 21:00	22.4	20.3
12/29/2006 22:00	22.1	18.9
12/29/2006 23:00	18.6	22.9
12/30/2006 0:00	20.2	25.7
12/30/2006 1:00	24.1	24.5
12/30/2006 2:00	23.9	21.6
12/30/2006 3:00	21.1	26.5
12/30/2006 4:00	22.0	32.2
12/30/2006 5:00	18.3	22.9
12/30/2006 6:00	26.2	26.9
12/30/2006 7:00	21.7	19.9
12/30/2006 8:00	22.7	17.1
12/30/2006 9:00	23.6	17.8
12/30/2006 10:00	21.6	21.2
12/30/2006 11:00	40.8	38.5
12/30/2006 12:00	39.2	37.7
12/30/2006 13:00	42.4	37.0
12/30/2006 14:00	36.4	37.5
12/30/2006 15:00	36.0	38.7
12/30/2006 16:00	39.7	38.7
12/30/2006 17:00	37.8	46.4
12/30/2006 18:00	38.1	44.7
12/30/2006 19:00	29.0	36.3
12/30/2006 20:00	34.6	42.1
12/30/2006 21:00	25.4	25.6
12/30/2006 22:00	26.4	27.2
12/30/2006 23:00	27.0	25.8
12/31/2006 0:00	28.2	29.8
12/31/2006 1:00	31.0	28.6
12/31/2006 2:00	20.6	22.7
12/31/2006 3:00	25.0	24.6
12/31/2006 4:00	23.7	29.9
12/31/2006 5:00	19.3	18.2
12/31/2006 6:00	19.4	23.3
12/31/2006 7:00	22.1	23.1
12/31/2006 8:00	21.5	17.0

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
12/31/2006 9:00	17.2	21.8
12/31/2006 10:00	25.1	18.8
12/31/2006 11:00	21.0	21.2
12/31/2006 12:00	26.1	24.0
12/31/2006 13:00	24.1	23.4
12/31/2006 14:00	22.2	20.6
12/31/2006 15:00	21.8	32.8
12/31/2006 16:00	25.1	33.2
12/31/2006 17:00	24.6	37.4
12/31/2006 18:00	15.4	30.0
12/31/2006 19:00	20.9	26.5
12/31/2006 20:00	17.7	29.2
12/31/2006 21:00	17.1	24.0
12/31/2006 22:00	15.2	15.6
12/31/2006 23:00	10.5	16.6

Appendix A3

Record of Meteorological Data

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/1/2006 0:00	9.8	96.4	0.4	195	9.3	97.9	0.6	177
10/1/2006 1:00	9.2	96.9	0.2	141	8.5	98.3	0.5	154
10/1/2006 2:00	8.7	96.8	0.2	171	8.1	98.1	0.4	162
10/1/2006 3:00	8.5	98.0	0.2	195	8.1	98.7	0.3	170
10/1/2006 4:00	9.8	95.2	1.0	206	9.2	97.3	0.7	201
10/1/2006 5:00	9.6	96.2	0.7	235	9.0	96.3	1.3	223
10/1/2006 6:00	9.4	95.1	0.7	245	8.5	97.1	0.9	218
10/1/2006 7:00	9.2	95.2	0.7	239	8.8	96.9	1.6	229
10/1/2006 8:00	8.9	95.7	0.3	272	8.2	93.4	1.4	233
10/1/2006 9:00	9.6	94.3	0.5	269	10.1	89.6	1.8	249
10/1/2006 10:00	12.2	87.4	0.7	277	12.0	86.5	1.8	260
10/1/2006 11:00	14.0	79.7	1.0	261	15.3	76.2	2.4	248
10/1/2006 12:00	15.8	67.5	1.6	249	16.4	66.8	2.8	254
10/1/2006 13:00	17.7	65.5	1.4	272	17.9	62.4	3.5	251
10/1/2006 14:00	19.3	52.1	1.8	273	19.6	49.4	4.1	244
10/1/2006 15:00	20.2	48.5	1.8	266	19.7	48.0	4.1	254
10/1/2006 16:00	20.2	41.3	1.7	271	20.0	46.6	3.7	259
10/1/2006 17:00	21.9	42.4	1.4	280	21.0	45.6	3.4	249
10/1/2006 18:00	21.8	46.0	1.0	290	20.5	48.2	2.7	267
10/1/2006 19:00	19.7	68.9	0.5	277	19.6	54.3	1.3	268
10/1/2006 20:00	15.2	81.7	0.0	107	15.5	72.1	0.4	273
10/1/2006 21:00	12.7	90.3	0.0	353	12.9	80.4	0.1	40
10/1/2006 22:00	11.5	91.3	0.1	155	11.7	89.6	0.0	56
10/1/2006 23:00	10.9	92.8	0.1	190	10.6	89.0	0.0	104
10/2/2006 0:00	10.3	94.2	0.1	21	10.1	92.3	0.3	46
10/2/2006 1:00	9.6	95.0	0.0	191	9.4	90.8	0.4	52
10/2/2006 2:00	9.2	95.0	0.0	3	8.9	95.0	0.0	335
10/2/2006 3:00	8.9	95.8	0.0	353	8.6	92.9	0.3	58
10/2/2006 4:00	9.2	96.0	0.1	149	8.9	92.4	0.3	56
10/2/2006 5:00	10.3	95.3	0.2	205	9.9	96.2	0.4	157
10/2/2006 6:00	11.3	97.0	0.0	196	11.4	97.7	0.3	78
10/2/2006 7:00	11.8	96.6	0.1	356	11.7	97.6	0.5	152
10/2/2006 8:00	12.7	96.2	0.1	144	12.4	97.3	0.4	131
10/2/2006 9:00	13.5	94.6	0.3	176	13.2	94.4	0.9	154
10/2/2006 10:00	14.0	95.6	1.2	199	13.7	95.2	1.7	195
10/2/2006 11:00	14.1	96.2	1.3	182	13.9	95.7	1.8	184
10/2/2006 12:00	13.9	96.1	1.2	179	13.5	93.1	2.8	168
10/2/2006 13:00	15.3	92.7	0.3	140	14.5	92.6	2.5	137
10/2/2006 14:00	17.6	84.1	0.5	153	16.6	83.8	3.9	144
10/2/2006 15:00	18.0	81.8	1.3	170	17.6	78.9	3.4	158
10/2/2006 16:00	18.6	79.6	0.9	169	18.3	77.3	3.5	154
10/2/2006 17:00	19.2	75.6	0.9	171	18.8	74.0	3.0	152
10/2/2006 18:00	20.8	67.2	1.6	184	20.2	67.4	2.9	178

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/2/2006 19:00	19.3	87.5	0.7	157	18.9	80.9	1.8	177
10/2/2006 20:00	16.0	94.8	0.3	84	16.4	88.9	0.6	93
10/2/2006 21:00	15.0	93.9	0.1	135	15.4	91.8	0.4	88
10/2/2006 22:00	14.9	95.8	0.0	82	15.5	90.1	0.6	60
10/2/2006 23:00	14.3	96.5	0.1	111	14.4	89.4	0.2	75
10/3/2006 0:00	14.5	90.8	0.3	9	15.4	86.5	0.9	67
10/3/2006 1:00	15.6	92.6	0.2	210	15.8	92.2	0.8	176
10/3/2006 2:00	15.6	93.0	0.3	158	15.5	91.7	1.3	146
10/3/2006 3:00	15.7	93.3	0.2	148	15.6	90.5	1.4	141
10/3/2006 4:00	15.7	92.3	0.1	170	15.9	88.0	1.3	142
10/3/2006 5:00	16.1	92.0	0.1	35	16.2	87.9	1.8	145
10/3/2006 6:00	16.5	95.0	0.6	295	16.7	94.2	1.9	191
10/3/2006 7:00	16.2	97.6	0.8	83	16.0	97.3	1.6	55
10/3/2006 8:00	16.0	97.5	0.9	191	15.7	97.9	1.4	169
10/3/2006 9:00	16.2	97.6	0.1	103	15.7	98.0	0.3	155
10/3/2006 10:00	16.2	97.6	0.3	206	15.7	97.7	0.9	166
10/3/2006 11:00	16.9	95.0	0.5	269	16.7	95.1	1.4	253
10/3/2006 12:00	19.7	78.7	0.7	317	19.4	77.1	1.4	289
10/3/2006 13:00	22.8	61.3	0.6	264	22.6	61.4	0.9	292
10/3/2006 14:00	24.7	63.5	0.8	162	24.0	55.6	0.9	336
10/3/2006 15:00	24.9	62.3	1.0	213	25.0	59.2	1.4	223
10/3/2006 16:00	24.6	54.0	0.9	202	24.8	56.4	1.4	224
10/3/2006 17:00	26.3	67.9	0.8	166	24.3	65.2	2.7	164
10/3/2006 18:00	24.6	60.5	1.1	180	23.2	63.5	2.7	164
10/3/2006 19:00	23.8	79.9	0.1	109	22.2	73.5	1.6	138
10/3/2006 20:00	19.6	86.6	0.1	124	19.5	85.2	0.8	128
10/3/2006 21:00	17.7	91.8	0.1	135	17.5	89.9	0.6	126
10/3/2006 22:00	16.7	94.0	0.1	131	16.8	91.4	0.9	129
10/3/2006 23:00	16.2	95.0	0.1	142	16.3	90.7	0.9	134
10/4/2006 0:00	16.5	91.0	0.0	150	16.8	86.9	1.2	133
10/4/2006 1:00	17.5	87.7	0.2	137	17.8	84.1	1.9	135
10/4/2006 2:00	18.1	88.3	0.4	165	18.6	83.2	2.3	157
10/4/2006 3:00	18.7	89.4	0.7	171	19.0	86.2	2.6	167
10/4/2006 4:00	18.7	88.4	1.1	173	18.8	87.0	2.6	170
10/4/2006 5:00	19.0	91.4	1.5	180	18.9	90.3	2.7	175
10/4/2006 6:00	18.8	95.3	0.7	168	19.1	90.8	2.3	168
10/4/2006 7:00	19.6	88.5	1.0	70	19.8	86.9	2.4	35
10/4/2006 8:00	19.6	92.6	0.7	98	19.5	92.4	1.1	76
10/4/2006 9:00	19.0	97.8	0.7	169	18.6	96.3	2.0	149
10/4/2006 10:00	19.7	91.2	1.6	207	19.8	90.3	2.9	189
10/4/2006 11:00	20.9	87.3	2.2	239	21.2	86.1	3.9	229
10/4/2006 12:00	20.9	93.7	2.1	250	21.0	90.8	4.3	238
10/4/2006 13:00	21.1	93.0	1.4	227	21.2	90.7	2.5	219

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/4/2006 14:00	20.8	89.3	0.8	275	20.8	89.3	2.2	255
10/4/2006 15:00	20.7	85.4	0.9	325	20.3	85.7	2.4	304
10/4/2006 16:00	17.0	87.1	1.7	343	16.5	87.4	3.9	333
10/4/2006 17:00	16.1	83.5	1.9	342	15.7	82.9	4.0	344
10/4/2006 18:00	14.9	84.0	1.9	346	14.6	83.6	4.2	344
10/4/2006 19:00	14.4	79.2	1.9	348	14.2	79.0	4.1	353
10/4/2006 20:00	13.6	77.9	2.5	350	13.4	76.8	5.1	356
10/4/2006 21:00	13.2	75.4	2.1	352	13.0	74.0	4.8	357
10/4/2006 22:00	12.9	73.4	1.7	5	12.7	70.8	4.5	0
10/4/2006 23:00	12.8	72.6	1.4	9	12.7	70.9	3.6	360
10/5/2006 0:00	12.6	74.1	1.3	355	12.5	73.3	3.2	360
10/5/2006 1:00	12.2	74.1	1.2	22	11.9	68.7	3.0	29
10/5/2006 2:00	11.5	64.3	2.3	49	11.2	59.0	4.5	37
10/5/2006 3:00	10.9	65.3	2.2	55	10.7	60.6	4.9	39
10/5/2006 4:00	10.3	67.1	2.1	58	10.1	62.0	4.4	41
10/5/2006 5:00	9.6	61.0	2.2	49	9.3	59.1	4.7	39
10/5/2006 6:00	9.0	66.3	1.9	55	8.8	62.0	4.0	40
10/5/2006 7:00	8.7	64.9	1.6	59	8.7	61.3	3.5	37
10/5/2006 8:00	8.6	59.9	1.4	55	8.6	56.4	3.1	39
10/5/2006 9:00	9.3	61.1	1.5	47	9.2	61.1	3.1	35
10/5/2006 10:00	10.5	63.7	1.8	44	10.0	64.4	3.9	29
10/5/2006 11:00	11.7	59.2	1.8	38	11.0	59.2	4.3	29
10/5/2006 12:00	12.7	52.3	1.9	27	11.6	57.4	4.0	16
10/5/2006 13:00	14.0	46.2	2.0	28	12.1	45.2	4.3	11
10/5/2006 14:00	15.1	43.6	2.2	38	12.3	44.6	4.7	14
10/5/2006 15:00	16.1	36.3	2.6	44	12.6	39.9	5.2	20
10/5/2006 16:00	16.4	37.6	2.3	44	13.0	42.3	4.7	28
10/5/2006 17:00	16.7	39.6	2.1	46	13.0	45.8	4.3	20
10/5/2006 18:00	13.9	51.7	2.0	43	12.1	52.1	3.9	22
10/5/2006 19:00	11.7	52.6	1.6	10	11.2	51.6	3.8	6
10/5/2006 20:00	10.6	58.4	1.1	12	10.5	54.5	3.1	2
10/5/2006 21:00	9.8	63.1	1.0	350	10.1	58.7	2.7	354
10/5/2006 22:00	9.3	63.1	1.3	348	9.5	61.0	2.5	347
10/5/2006 23:00	9.0	65.0	1.3	345	9.1	63.3	2.5	345
10/6/2006 0:00	8.5	69.9	0.9	348	8.8	65.0	2.7	359
10/6/2006 1:00	7.7	75.8	0.5	358	8.2	69.1	2.2	357
10/6/2006 2:00	7.4	77.6	0.6	345	8.3	63.1	2.9	6
10/6/2006 3:00	6.8	74.6	0.5	3	7.7	69.6	2.3	16
10/6/2006 4:00	6.8	81.9	0.5	345	7.5	76.2	2.1	357
10/6/2006 5:00	5.9	82.1	0.6	341	6.2	79.6	1.7	333
10/6/2006 6:00	6.1	80.2	0.6	353	6.4	77.7	2.3	355
10/6/2006 7:00	5.9	82.9	0.6	339	6.2	79.0	1.9	335
10/6/2006 8:00	5.1	87.5	0.2	1	6.0	77.6	1.8	357

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/6/2006 9:00	6.3	78.5	0.5	4	7.1	73.9	1.8	10
10/6/2006 10:00	9.3	73.2	1.4	41	9.2	74.1	3.3	35
10/6/2006 11:00	11.4	61.6	1.9	54	11.1	59.4	3.9	40
10/6/2006 12:00	13.5	45.3	2.3	49	12.5	52.0	4.1	44
10/6/2006 13:00	14.9	42.0	2.0	43	12.8	50.0	4.0	33
10/6/2006 14:00	15.2	45.3	1.9	20	13.0	50.6	3.8	25
10/6/2006 15:00	16.1	39.4	1.8	22	13.4	45.7	3.6	25
10/6/2006 16:00	17.5	37.2	1.6	42	13.7	46.7	3.3	26
10/6/2006 17:00	18.2	37.2	1.5	43	14.0	41.9	3.0	14
10/6/2006 18:00	18.4	34.0	1.1	30	14.2	42.6	2.5	20
10/6/2006 19:00	15.6	59.4	0.8	61	13.6	49.0	1.8	28
10/6/2006 20:00	10.5	74.7	0.2	42	11.9	58.9	1.2	14
10/6/2006 21:00	9.0	84.6	0.1	31	10.8	68.3	1.2	26
10/6/2006 22:00	8.1	81.5	0.7	84	9.7	73.0	2.0	54
10/6/2006 23:00	8.3	88.3	0.6	68	9.2	79.3	1.3	27
10/7/2006 0:00	7.3	88.6	0.2	355	8.3	82.3	1.1	19
10/7/2006 1:00	6.9	91.7	0.2	326	7.0	89.8	0.9	323
10/7/2006 2:00	6.4	94.7	0.5	66	6.0	91.9	0.4	355
10/7/2006 3:00	6.5	94.6	0.3	19	6.2	94.8	0.9	43
10/7/2006 4:00	6.1	92.7	0.3	337	5.9	94.4	0.8	326
10/7/2006 5:00	5.8	92.8	0.2	338	5.7	92.4	1.0	313
10/7/2006 6:00	5.8	92.0	0.4	348	6.5	88.2	2.1	337
10/7/2006 7:00	5.7	93.2	0.2	348	6.3	90.6	1.2	357
10/7/2006 8:00	5.4	93.3	0.3	358	5.9	89.7	0.9	9
10/7/2006 9:00	6.5	94.4	0.4	353	7.9	83.4	1.3	1
10/7/2006 10:00	10.8	78.5	1.0	40	11.2	81.1	2.0	30
10/7/2006 11:00	13.7	70.6	1.2	44	13.7	67.9	2.1	28
10/7/2006 12:00	15.8	62.0	1.2	57	14.8	67.0	2.3	25
10/7/2006 13:00	17.7	53.2	1.4	69	15.7	61.4	1.8	57
10/7/2006 14:00	19.2	52.8	1.2	81	16.5	58.7	1.5	55
10/7/2006 15:00	20.4	49.9	0.8	106	17.3	59.6	1.6	63
10/7/2006 16:00	21.6	43.3	0.9	93	18.3	52.9	1.5	100
10/7/2006 17:00	21.1	45.4	0.8	193	19.4	56.1	1.4	228
10/7/2006 18:00	21.9	49.8	1.0	39	17.6	59.4	2.2	43
10/7/2006 19:00	18.2	73.3	0.5	103	16.1	65.1	1.3	166
10/7/2006 20:00	12.9	84.2	0.1	147	12.9	77.4	0.9	176
10/7/2006 21:00	10.5	88.1	0.3	116	10.8	81.6	0.4	132
10/7/2006 22:00	9.5	92.1	0.1	97	9.8	90.0	0.1	13
10/7/2006 23:00	8.5	93.9	0.0	123	8.0	94.3	0.0	299
10/8/2006 0:00	7.8	93.9	0.1	358	7.2	94.1	0.2	307
10/8/2006 1:00	7.4	94.5	0.1	336	6.5	95.6	0.4	311
10/8/2006 2:00	6.9	95.6	0.0	93	6.3	96.2	0.1	15
10/8/2006 3:00	6.7	94.9	0.0	5	5.8	95.9	0.1	291

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/8/2006 4:00	6.5	93.6	0.0	5	5.5	96.5	0.2	282
10/8/2006 5:00	6.3	94.7	0.0	2	5.4	96.8	0.1	343
10/8/2006 6:00	6.3	94.6	0.0	342	5.5	96.6	0.0	337
10/8/2006 7:00	6.5	95.4	0.0	204	5.6	97.9	0.2	264
10/8/2006 8:00	7.1	97.5	0.0	353	6.2	98.5	0.1	257
10/8/2006 9:00	8.6	98.3	0.1	321	8.4	98.9	0.3	278
10/8/2006 10:00	10.4	98.5	0.4	327	9.9	98.9	0.8	266
10/8/2006 11:00	12.1	91.9	0.4	197	12.1	90.2	0.7	179
10/8/2006 12:00	15.3	54.9	1.4	199	16.1	53.8	1.9	170
10/8/2006 13:00	18.5	47.8	1.9	217	19.2	41.8	3.0	180
10/8/2006 14:00	20.0	44.5	1.8	229	20.8	37.9	2.7	203
10/8/2006 15:00	21.6	45.0	1.6	199	21.5	47.6	2.4	191
10/8/2006 16:00	22.7	40.5	1.5	185	21.3	47.0	3.2	171
10/8/2006 17:00	22.7	43.6	1.6	191	21.1	48.4	2.9	160
10/8/2006 18:00	22.5	48.4	1.1	171	20.6	50.4	2.8	169
10/8/2006 19:00	19.8	65.4	0.7	181	19.3	58.7	1.9	172
10/8/2006 20:00	15.9	81.5	0.1	185	16.6	70.3	1.1	193
10/8/2006 21:00	13.7	80.4	0.1	173	13.8	77.9	0.7	161
10/8/2006 22:00	13.1	85.6	0.3	172	12.9	83.9	0.9	163
10/8/2006 23:00	12.3	92.4	0.1	148	11.7	90.6	0.5	146
10/9/2006 0:00	12.0	96.5	0.0	133	11.0	97.7	0.5	164
10/9/2006 1:00	12.0	94.4	0.0	264	11.3	98.3	0.4	230
10/9/2006 2:00	11.3	96.3	0.0	108	10.9	98.2	0.1	3
10/9/2006 3:00	10.7	96.2	0.0	284	9.9	98.3	0.2	160
10/9/2006 4:00	10.2	95.8	0.0	347	9.1	98.6	0.5	147
10/9/2006 5:00	9.8	95.8	0.1	347	8.3	98.7	0.1	140
10/9/2006 6:00	9.2	94.8	0.0	347	7.8	98.7	0.0	128
10/9/2006 7:00	8.6	96.0	0.0	330	7.6	98.6	0.2	143
10/9/2006 8:00	8.8	96.7	0.0	173	7.4	98.8	0.2	159
10/9/2006 9:00	9.9	96.7	0.0	212	9.4	98.4	0.1	147
10/9/2006 10:00	12.9	82.2	0.4	325	12.9	81.8	0.8	286
10/9/2006 11:00	16.6	58.0	0.8	358	16.6	54.7	1.2	333
10/9/2006 12:00	19.8	51.3	0.9	46	19.1	51.1	1.5	36
10/9/2006 13:00	21.6	45.1	0.8	132	20.8	47.8	0.9	71
10/9/2006 14:00	24.5	41.0	1.1	41	21.1	50.2	1.6	46
10/9/2006 15:00	24.4	46.0	1.6	58	20.8	51.7	2.7	35
10/9/2006 16:00	24.3	50.7	1.5	47	20.7	54.0	2.7	31
10/9/2006 17:00	23.0	52.0	1.6	45	20.2	58.6	2.8	29
10/9/2006 18:00	19.9	68.7	2.1	47	18.0	72.9	4.0	30
10/9/2006 19:00	16.8	74.7	1.7	43	16.0	71.7	3.8	18
10/9/2006 20:00	15.0	78.5	1.5	37	14.8	76.3	3.4	21
10/9/2006 21:00	13.8	79.6	1.2	34	13.8	79.0	2.7	17
10/9/2006 22:00	13.2	82.3	1.5	26	13.1	82.3	3.4	16

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/9/2006 23:00	12.8	83.2	1.2	10	12.9	82.4	3.3	6
10/10/2006 0:00	12.4	83.6	1.0	8	12.5	82.9	2.4	1
10/10/2006 1:00	11.8	85.3	0.7	352	11.8	83.9	2.1	356
10/10/2006 2:00	11.2	87.0	0.8	348	11.3	84.4	2.2	357
10/10/2006 3:00	10.9	88.2	0.6	359	11.0	85.0	2.1	360
10/10/2006 4:00	10.4	87.6	0.4	355	10.7	85.8	1.8	359
10/10/2006 5:00	10.4	87.4	0.6	345	10.4	85.5	1.9	348
10/10/2006 6:00	10.4	83.2	0.8	347	10.2	82.6	1.9	349
10/10/2006 7:00	10.6	80.6	0.8	347	10.4	80.1	2.1	350
10/10/2006 8:00	10.6	79.6	1.0	352	10.4	77.8	2.1	353
10/10/2006 9:00	10.7	79.5	0.8	5	10.5	76.9	2.4	1
10/10/2006 10:00	12.4	71.7	1.3	11	11.9	70.2	2.6	4
10/10/2006 11:00	13.3	68.7	1.7	30	12.8	71.6	3.1	15
10/10/2006 12:00	14.6	67.9	2.1	47	13.3	71.0	3.8	25
10/10/2006 13:00	16.6	58.2	1.8	31	14.5	64.3	3.3	13
10/10/2006 14:00	16.5	57.6	1.6	42	14.9	61.3	2.9	26
10/10/2006 15:00	16.0	58.2	1.0	30	14.7	60.3	2.3	27
10/10/2006 16:00	15.0	60.6	0.9	54	14.4	60.7	1.8	39
10/10/2006 17:00	14.7	62.3	0.7	45	14.4	62.9	1.8	29
10/10/2006 18:00	15.0	70.0	0.5	50	14.5	64.0	1.0	40
10/10/2006 19:00	14.5	77.8	0.3	72	14.2	67.7	1.1	51
10/10/2006 20:00	13.6	80.7	0.5	55	13.8	72.4	1.1	41
10/10/2006 21:00	13.0	85.4	0.3	47	13.5	76.3	1.1	23
10/10/2006 22:00	13.0	93.0	0.6	27	13.0	90.0	1.1	1
10/10/2006 23:00	12.6	92.9	0.5	23	12.3	92.2	1.5	26
10/11/2006 0:00	12.5	94.1	0.5	23	12.1	94.6	1.3	16
10/11/2006 1:00	12.4	95.8	0.7	28	12.0	96.9	1.5	22
10/11/2006 2:00	12.4	96.4	0.5	359	12.0	97.3	1.1	350
10/11/2006 3:00	12.5	98.0	0.6	45	12.2	98.1	1.0	28
10/11/2006 4:00	13.0	98.1	0.8	102	12.6	98.2	1.8	71
10/11/2006 5:00	13.5	98.6	0.5	142	13.3	99.0	1.0	98
10/11/2006 6:00	14.1	98.4	0.5	159	13.9	98.8	1.0	137
10/11/2006 7:00	14.2	98.4	0.7	131	14.1	98.4	0.8	112
10/11/2006 8:00	14.6	97.8	0.2	148	14.4	96.4	1.2	136
10/11/2006 9:00	15.1	96.4	1.5	198	15.0	96.2	2.4	192
10/11/2006 10:00	15.6	95.8	0.6	162	15.4	93.1	2.4	151
10/11/2006 11:00	16.9	89.8	1.3	167	16.8	86.8	4.3	152
10/11/2006 12:00	17.2	86.5	2.2	172	17.1	84.5	6.1	161
10/11/2006 13:00	17.6	84.0	2.6	172	17.5	81.7	6.1	160
10/11/2006 14:00	19.2	82.3	3.4	174	19.0	81.9	6.8	165
10/11/2006 15:00	18.2	83.1	2.4	174	18.0	83.1	5.5	169
10/11/2006 16:00	19.2	80.3	3.2	183	19.2	78.4	5.6	179
10/11/2006 17:00	16.8	89.9	3.7	203	16.4	90.7	6.0	203

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/11/2006 18:00	15.8	90.6	2.9	198	15.5	93.1	4.1	192
10/11/2006 19:00	15.5	79.2	3.0	213	15.2	79.8	4.7	209
10/11/2006 20:00	14.4	79.1	3.0	233	14.1	77.5	4.9	224
10/11/2006 21:00	12.6	86.2	2.4	251	12.4	86.1	5.4	233
10/11/2006 22:00	10.7	83.3	2.2	239	10.6	79.8	4.7	231
10/11/2006 23:00	10.2	89.3	2.3	248	10.0	87.6	4.7	231
10/12/2006 0:00	8.5	79.9	1.9	259	8.2	77.3	4.8	246
10/12/2006 1:00	7.7	76.6	2.0	248	7.4	75.4	3.5	235
10/12/2006 2:00	7.3	79.0	2.2	234	6.9	80.5	3.7	223
10/12/2006 3:00	6.4	90.4	2.5	242	6.0	88.8	4.5	230
10/12/2006 4:00	4.3	90.6	1.6	233	3.9	89.3	2.8	225
10/12/2006 5:00	3.3	91.3	1.8	261	3.1	91.8	3.7	246
10/12/2006 6:00	2.3	93.3	1.2	241	2.1	94.2	2.5	233
10/12/2006 7:00	2.9	92.4	1.7	223	2.6	92.1	2.9	221
10/12/2006 8:00	2.1	89.4	2.0	235	1.7	89.4	3.6	227
10/12/2006 9:00	2.2	84.1	3.0	221	2.1	83.5	4.6	219
10/12/2006 10:00	2.9	79.8	3.6	234	2.9	80.0	5.7	228
10/12/2006 11:00	3.5	66.6	3.3	232	3.6	64.3	5.5	222
10/12/2006 12:00	3.7	59.2	3.9	230	3.7	59.6	6.4	225
10/12/2006 13:00	4.3	43.5	4.8	233	4.5	46.9	7.4	228
10/12/2006 14:00	5.1	38.2	4.6	223	5.3	39.1	7.6	218
10/12/2006 15:00	6.2	40.2	4.8	223	6.2	35.9	7.2	217
10/12/2006 16:00	5.7	52.4	4.7	229	5.5	54.5	7.4	218
10/12/2006 17:00	4.1	79.9	5.0	221	4.1	77.2	7.7	215
10/12/2006 18:00	2.4	65.1	3.1	224	1.9	66.9	5.5	223
10/12/2006 19:00	2.8	66.8	2.3	232	2.5	66.9	4.1	221
10/12/2006 20:00	2.3	70.7	1.6	217	1.7	74.3	2.3	210
10/12/2006 21:00	2.4	55.4	2.4	218	1.9	56.4	3.4	209
10/12/2006 22:00	2.6	57.1	2.5	216	2.4	56.1	3.9	213
10/12/2006 23:00	2.7	55.2	2.9	204	2.4	56.7	4.0	200
10/13/2006 0:00	2.6	56.1	3.1	209	2.3	56.5	4.6	205
10/13/2006 1:00	2.3	59.6	3.1	207	2.1	61.7	4.2	203
10/13/2006 2:00	2.2	61.2	3.0	201	1.9	61.6	4.2	198
10/13/2006 3:00	2.4	59.5	3.4	203	2.1	61.1	5.0	199
10/13/2006 4:00	2.4	60.2	3.6	201	2.2	61.2	5.2	199
10/13/2006 5:00	2.5	60.5	3.8	197	2.2	62.1	5.5	194
10/13/2006 6:00	2.3	61.1	3.9	199	2.1	62.4	6.0	196
10/13/2006 7:00	2.1	60.2	4.3	205	1.8	60.8	5.8	201
10/13/2006 8:00	1.9	61.8	4.4	208	1.6	63.4	6.1	201
10/13/2006 9:00	2.1	58.2	5.1	200	2.1	60.1	6.7	198
10/13/2006 10:00	3.0	55.7	5.1	206	3.1	54.6	7.5	199
10/13/2006 11:00	3.7	53.3	5.2	205	3.8	52.8	7.8	200
10/13/2006 12:00	4.2	51.7	5.5	206	4.3	50.5	7.9	200

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/13/2006 13:00	5.1	46.0	5.4	211	5.3	45.7	7.8	206
10/13/2006 14:00	6.5	45.2	5.1	211	6.6	43.7	7.5	207
10/13/2006 15:00	7.0	44.5	4.4	218	7.0	43.6	6.7	208
10/13/2006 16:00	7.1	46.5	4.3	216	7.1	45.1	6.4	216
10/13/2006 17:00	7.8	43.0	3.0	237	7.8	45.5	5.4	226
10/13/2006 18:00	8.2	42.7	1.8	245	8.0	41.8	3.2	231
10/13/2006 19:00	8.6	41.1	2.3	229	8.3	43.4	3.7	220
10/13/2006 20:00	8.5	44.3	1.9	220	8.2	45.9	3.1	214
10/13/2006 21:00	8.5	43.0	2.3	207	8.3	43.9	3.4	202
10/13/2006 22:00	8.6	42.8	3.1	209	8.3	42.7	4.7	206
10/13/2006 23:00	8.4	43.6	3.8	210	8.2	44.7	5.1	203
10/14/2006 0:00	8.2	43.3	3.7	210	8.0	44.6	5.6	205
10/14/2006 1:00	8.1	44.6	4.2	209	7.9	46.5	5.6	203
10/14/2006 2:00	7.8	45.5	3.7	209	7.6	47.4	5.5	202
10/14/2006 3:00	7.4	48.5	3.0	211	7.2	49.5	4.6	204
10/14/2006 4:00	6.7	51.6	2.9	209	6.4	53.0	4.1	207
10/14/2006 5:00	6.3	53.5	3.2	215	6.1	53.8	4.5	211
10/14/2006 6:00	6.1	55.1	2.9	214	5.9	56.0	3.9	211
10/14/2006 7:00	5.8	65.2	1.6	230	5.3	68.3	2.9	218
10/14/2006 8:00	5.4	70.8	2.3	252	4.9	77.0	3.8	229
10/14/2006 9:00	5.3	58.2	2.1	263	4.9	59.6	4.1	242
10/14/2006 10:00	6.1	54.1	2.2	282	5.9	52.9	5.0	264
10/14/2006 11:00	7.0	46.6	2.4	285	6.7	46.9	5.9	268
10/14/2006 12:00	7.8	40.1	2.4	286	7.6	42.3	5.4	264
10/14/2006 13:00	8.9	40.1	2.6	284	8.5	39.8	5.5	256
10/14/2006 14:00	9.9	38.9	2.6	257	9.8	37.0	5.1	248
10/14/2006 15:00	10.6	40.5	2.6	255	10.4	39.6	4.9	231
10/14/2006 16:00	10.8	34.9	2.6	245	10.5	36.0	4.6	235
10/14/2006 17:00	11.4	35.3	2.8	231	11.3	36.3	4.0	230
10/14/2006 18:00	11.0	38.3	2.9	229	10.8	38.2	4.2	223
10/14/2006 19:00	9.8	41.8	2.0	247	9.5	42.1	3.8	232
10/14/2006 20:00	8.9	45.8	1.6	269	8.5	44.7	3.4	251
10/14/2006 21:00	7.3	50.1	1.5	291	6.9	48.6	3.6	275
10/14/2006 22:00	6.5	52.1	1.3	278	6.2	51.7	3.1	260
10/14/2006 23:00	5.5	57.3	0.8	258	5.1	61.2	1.8	239
10/15/2006 0:00	4.9	65.5	0.5	203	4.0	68.8	0.5	200
10/15/2006 1:00	5.4	61.6	0.8	217	4.6	65.3	0.7	209
10/15/2006 2:00	5.5	62.8	0.8	260	4.8	62.2	1.6	248
10/15/2006 3:00	5.1	65.4	0.7	296	4.7	65.3	1.9	280
10/15/2006 4:00	4.0	68.1	0.4	260	3.7	70.6	1.0	244
10/15/2006 5:00	3.0	81.7	0.5	212	2.7	78.4	0.9	216
10/15/2006 6:00	1.9	87.3	0.2	186	1.8	85.5	0.3	214
10/15/2006 7:00	1.5	85.9	0.3	203	0.6	82.7	0.5	233

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/15/2006 8:00	1.9	81.1	0.6	215	1.1	82.4	0.6	232
10/15/2006 9:00	2.6	72.8	0.8	206	2.1	75.5	0.7	200
10/15/2006 10:00	5.0	62.6	1.6	230	5.0	60.1	2.7	218
10/15/2006 11:00	6.7	52.7	2.4	225	7.4	47.6	3.5	217
10/15/2006 12:00	8.4	50.3	2.2	238	9.2	45.1	3.2	220
10/15/2006 13:00	9.9	46.7	2.9	240	10.4	44.9	4.2	235
10/15/2006 14:00	11.3	43.9	2.2	232	11.4	41.2	4.0	213
10/15/2006 15:00	12.1	43.3	2.6	206	12.1	43.7	3.9	203
10/15/2006 16:00	13.1	41.8	2.4	205	12.7	47.8	4.0	193
10/15/2006 17:00	13.7	44.3	1.9	178	12.2	48.4	3.9	174
10/15/2006 18:00	12.9	44.3	2.0	178	11.7	45.4	3.5	170
10/15/2006 19:00	11.0	55.2	0.9	168	10.5	53.4	2.4	163
10/15/2006 20:00	8.2	72.7	0.2	163	8.7	66.1	1.1	151
10/15/2006 21:00	6.5	58.9	0.5	173	6.9	60.1	0.7	171
10/15/2006 22:00	8.3	45.6	1.5	189	7.7	49.8	1.8	192
10/15/2006 23:00	8.8	45.8	1.5	222	8.0	46.6	2.6	225
10/16/2006 0:00	7.6	60.7	0.7	224	7.1	57.7	1.4	215
10/16/2006 1:00	5.9	67.7	0.6	203	5.6	70.2	0.7	193
10/16/2006 2:00	5.7	74.6	0.3	191	5.0	72.6	0.1	151
10/16/2006 3:00	6.0	77.1	0.4	149	5.4	71.1	0.5	118
10/16/2006 4:00	5.1	79.4	0.2	175	4.7	72.2	0.8	141
10/16/2006 5:00	5.6	82.8	0.0	63	5.3	72.1	0.6	79
10/16/2006 6:00	5.7	78.2	0.1	160	5.7	77.5	0.3	94
10/16/2006 7:00	7.1	75.8	0.1	120	6.8	76.9	0.5	130
10/16/2006 8:00	8.1	74.5	0.2	149	7.7	76.6	0.4	123
10/16/2006 9:00	8.9	79.0	0.3	115	8.2	74.3	0.5	103
10/16/2006 10:00	10.5	68.9	0.6	135	10.0	68.7	1.4	119
10/16/2006 11:00	11.6	61.5	0.4	158	10.9	63.5	1.9	151
10/16/2006 12:00	12.7	48.6	0.5	150	11.9	48.6	2.6	142
10/16/2006 13:00	13.8	49.7	0.6	154	12.9	48.4	2.7	146
10/16/2006 14:00	13.6	50.5	0.5	143	13.0	46.2	1.7	139
10/16/2006 15:00	14.1	51.2	0.7	133	13.5	50.1	1.3	118
10/16/2006 16:00	14.1	56.1	0.7	133	13.5	57.1	1.4	115
10/16/2006 17:00	13.7	63.1	0.8	126	13.4	63.6	1.1	108
10/16/2006 18:00	13.3	62.2	0.8	127	13.0	63.9	1.1	106
10/16/2006 19:00	12.8	66.0	0.6	131	12.4	66.7	0.9	108
10/16/2006 20:00	12.1	82.8	0.5	132	11.6	79.6	0.7	119
10/16/2006 21:00	11.4	85.8	0.3	121	11.3	82.9	0.7	110
10/16/2006 22:00	11.1	88.2	0.3	131	10.9	84.9	0.6	111
10/16/2006 23:00	10.8	87.9	0.6	136	10.7	85.3	1.3	119
10/17/2006 0:00	10.4	92.9	0.6	136	10.2	90.4	1.4	118
10/17/2006 1:00	10.2	95.1	1.0	133	10.1	93.6	1.7	113
10/17/2006 2:00	10.4	95.9	1.8	118	10.2	95.0	2.3	99

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Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/17/2006 3:00	10.7	95.6	2.5	118	10.4	93.9	3.5	96
10/17/2006 4:00	10.7	95.9	2.7	117	10.5	94.6	3.8	97
10/17/2006 5:00	10.6	97.1	1.6	129	10.4	96.0	2.7	108
10/17/2006 6:00	10.7	97.3	1.1	137	10.6	95.8	2.4	115
10/17/2006 7:00	11.0	97.1	1.2	140	10.9	96.0	2.8	119
10/17/2006 8:00	11.4	96.2	1.3	141	11.3	93.4	3.4	122
10/17/2006 9:00	11.6	96.7	1.7	142	11.5	95.6	3.7	119
10/17/2006 10:00	11.8	97.2	1.7	141	11.5	96.3	3.8	123
10/17/2006 11:00	12.2	97.2	1.4	152	11.9	96.3	4.6	129
10/17/2006 12:00	12.9	97.1	1.5	158	12.5	96.8	5.4	138
10/17/2006 13:00	13.3	97.7	1.9	167	13.1	97.7	4.9	153
10/17/2006 14:00	14.1	98.1	2.1	175	13.8	98.2	4.5	168
10/17/2006 15:00	14.8	91.8	3.1	203	14.6	93.7	4.2	201
10/17/2006 16:00	15.3	87.3	3.4	216	15.0	89.4	4.9	213
10/17/2006 17:00	14.8	90.3	3.1	223	14.4	94.0	5.3	214
10/17/2006 18:00	14.0	83.9	3.2	217	13.6	87.8	5.0	213
10/17/2006 19:00	14.0	80.8	2.9	241	13.6	86.2	4.6	228
10/17/2006 20:00	13.6	81.1	2.4	235	13.3	81.8	4.4	224
10/17/2006 21:00	13.3	81.8	2.6	234	13.0	82.0	4.1	220
10/17/2006 22:00	13.1	81.6	2.2	229	12.9	83.5	3.4	216
10/17/2006 23:00	13.0	82.5	1.8	223	12.7	83.6	2.7	214
10/18/2006 0:00	12.8	84.5	1.3	224	12.4	86.8	2.0	211
10/18/2006 1:00	12.4	87.6	1.5	215	12.1	88.2	2.3	209
10/18/2006 2:00	12.2	89.3	1.7	205	11.9	89.3	2.3	201
10/18/2006 3:00	12.1	88.1	1.5	212	11.9	88.6	2.3	204
10/18/2006 4:00	12.3	87.7	1.3	212	12.0	88.1	2.0	204
10/18/2006 5:00	12.3	88.1	1.2	202	12.1	87.7	2.0	201
10/18/2006 6:00	12.3	87.7	1.1	191	12.1	89.0	1.6	188
10/18/2006 7:00	12.4	89.3	0.8	177	12.1	88.5	1.4	178
10/18/2006 8:00	12.4	89.7	0.9	178	12.1	89.5	1.3	179
10/18/2006 9:00	12.5	89.4	1.1	177	12.2	89.0	1.8	175
10/18/2006 10:00	12.8	88.8	0.9	179	12.6	88.7	1.7	179
10/18/2006 11:00	13.5	85.6	1.4	180	13.3	86.8	2.3	170
10/18/2006 12:00	14.5	84.8	1.5	183	14.1	85.3	2.8	181
10/18/2006 13:00	15.4	78.1	1.7	196	15.2	79.9	2.8	185
10/18/2006 14:00	17.4	72.8	1.6	184	16.4	76.7	3.2	163
10/18/2006 15:00	18.4	72.4	1.7	179	17.5	77.8	3.5	173
10/18/2006 16:00	17.0	81.2	2.0	181	16.5	81.1	3.9	174
10/18/2006 17:00	16.4	82.5	1.9	174	16.0	84.3	3.3	172
10/18/2006 18:00	16.1	82.8	1.2	168	15.6	83.3	2.9	161
10/18/2006 19:00	15.7	84.5	0.8	165	15.3	84.8	2.7	164
10/18/2006 20:00	15.3	85.2	1.0	166	15.1	84.9	2.7	165
10/18/2006 21:00	15.0	88.1	1.0	166	14.8	86.7	2.7	164

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/18/2006 22:00	14.0	90.8	1.4	171	13.9	90.0	2.8	166
10/18/2006 23:00	13.6	92.2	1.3	172	13.3	92.0	2.2	174
10/19/2006 0:00	13.6	91.7	1.2	172	13.5	91.5	2.3	172
10/19/2006 1:00	14.2	90.9	1.8	175	14.0	90.3	3.2	172
10/19/2006 2:00	14.3	89.9	1.8	173	14.2	89.5	3.5	169
10/19/2006 3:00	14.6	91.2	1.8	177	14.5	90.9	3.2	175
10/19/2006 4:00	14.4	93.2	2.0	183	14.2	93.6	2.6	175
10/19/2006 5:00	14.2	92.9	1.7	185	14.1	93.0	2.4	184
10/19/2006 6:00	13.9	88.7	1.5	278	13.8	88.1	3.2	256
10/19/2006 7:00	12.4	85.4	1.3	296	12.1	86.8	3.3	275
10/19/2006 8:00	11.5	83.3	1.5	299	11.2	83.1	3.7	282
10/19/2006 9:00	10.5	80.9	1.4	308	10.2	81.2	3.1	288
10/19/2006 10:00	10.6	80.8	1.2	307	10.3	82.3	2.9	283
10/19/2006 11:00	10.7	78.1	1.1	281	10.4	77.9	2.9	259
10/19/2006 12:00	10.8	71.5	1.5	304	10.5	72.6	3.2	283
10/19/2006 13:00	10.9	65.4	1.6	307	10.6	69.8	3.4	289
10/19/2006 14:00	11.2	66.3	1.5	294	10.9	66.7	3.4	269
10/19/2006 15:00	10.9	66.9	1.5	301	10.5	68.2	3.5	283
10/19/2006 16:00	10.5	69.0	1.2	303	10.1	69.5	2.9	283
10/19/2006 17:00	10.1	69.0	1.0	304	9.7	69.8	2.6	281
10/19/2006 18:00	9.5	70.8	1.2	314	9.2	70.4	2.7	293
10/19/2006 19:00	9.0	70.7	1.3	316	8.6	72.2	3.0	296
10/19/2006 20:00	8.9	68.4	0.9	300	8.5	67.6	2.1	280
10/19/2006 21:00	8.9	74.0	0.6	320	8.4	66.9	1.6	295
10/19/2006 22:00	8.7	69.3	0.8	325	8.3	69.8	1.7	304
10/19/2006 23:00	8.2	70.6	1.0	330	7.8	73.9	1.6	296
10/20/2006 0:00	8.0	73.8	0.8	301	7.6	74.5	1.9	286
10/20/2006 1:00	7.9	74.8	0.7	317	7.4	75.0	1.7	294
10/20/2006 2:00	7.8	74.6	0.8	327	7.3	75.3	1.9	297
10/20/2006 3:00	7.7	80.5	0.8	337	7.1	79.8	1.4	307
10/20/2006 4:00	7.3	92.3	0.5	334	6.7	89.6	1.7	313
10/20/2006 5:00	6.9	91.3	0.5	323	6.3	92.2	1.5	302
10/20/2006 6:00	6.6	92.2	0.8	321	6.2	93.5	1.7	298
10/20/2006 7:00	6.7	89.1	0.7	328	6.1	90.4	1.5	295
10/20/2006 8:00	6.7	88.9	0.6	299	6.2	90.8	1.8	281
10/20/2006 9:00	6.7	87.6	0.9	301	6.2	88.3	2.3	284
10/20/2006 10:00	7.0	82.7	1.0	295	6.5	84.2	2.6	278
10/20/2006 11:00	7.3	82.3	1.1	307	6.8	82.5	2.6	283
10/20/2006 12:00	7.5	75.0	1.1	297	6.8	75.1	2.6	278
10/20/2006 13:00	8.8	64.8	1.4	308	8.3	64.8	3.4	279
10/20/2006 14:00	9.3	52.7	1.3	301	8.8	54.5	2.9	275
10/20/2006 15:00	9.7	50.0	1.5	272	9.3	53.8	3.4	263
10/20/2006 16:00	10.4	51.3	1.6	269	9.9	49.1	3.5	241

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/20/2006 17:00	9.8	51.1	1.6	247	9.4	51.0	3.2	240
10/20/2006 18:00	10.0	50.5	1.4	242	9.5	53.2	2.6	232
10/20/2006 19:00	9.3	61.0	0.8	221	8.6	61.0	1.2	212
10/20/2006 20:00	6.9	80.2	0.1	145	6.7	79.2	0.6	146
10/20/2006 21:00	6.1	79.1	0.2	195	5.8	74.0	0.6	172
10/20/2006 22:00	7.3	72.8	0.5	207	6.7	73.2	1.0	205
10/20/2006 23:00	8.2	62.9	0.5	257	7.6	65.5	1.4	247
10/21/2006 0:00	8.5	61.1	0.7	263	8.1	62.7	1.9	253
10/21/2006 1:00	8.4	73.6	0.5	261	7.9	71.2	1.0	247
10/21/2006 2:00	7.7	77.0	0.5	182	7.4	75.0	1.3	167
10/21/2006 3:00	7.6	78.6	0.3	177	7.2	78.1	1.4	169
10/21/2006 4:00	7.6	75.4	0.5	176	7.3	73.0	1.2	174
10/21/2006 5:00	7.9	70.6	0.8	179	7.7	70.9	1.8	175
10/21/2006 6:00	8.0	73.2	1.0	181	7.8	73.9	1.8	173
10/21/2006 7:00	8.0	74.8	1.0	180	7.8	74.4	1.8	178
10/21/2006 8:00	8.0	73.3	1.4	192	7.6	75.3	2.0	184
10/21/2006 9:00	8.2	75.3	1.5	206	8.0	76.2	2.6	200
10/21/2006 10:00	8.3	79.5	1.6	208	8.0	82.1	2.5	201
10/21/2006 11:00	8.2	80.4	2.0	201	8.1	81.3	2.9	197
10/21/2006 12:00	8.9	78.0	1.9	191	8.7	78.2	3.2	188
10/21/2006 13:00	9.9	71.8	1.7	196	9.8	72.0	2.9	192
10/21/2006 14:00	10.9	71.7	1.8	186	10.6	74.5	3.1	175
10/21/2006 15:00	11.2	70.1	1.8	180	10.9	70.8	3.3	176
10/21/2006 16:00	12.6	60.9	2.5	183	12.2	64.1	4.0	173
10/21/2006 17:00	14.4	56.3	2.3	183	13.5	59.2	3.6	171
10/21/2006 18:00	15.4	61.0	1.5	174	14.5	58.7	3.3	169
10/21/2006 19:00	13.6	66.8	1.1	167	13.3	64.0	2.4	162
10/21/2006 20:00	12.1	72.1	0.7	161	11.9	72.8	1.7	155
10/21/2006 21:00	11.5	77.2	0.5	161	11.2	74.6	1.5	145
10/21/2006 22:00	11.2	73.1	0.7	160	11.2	72.1	1.7	146
10/21/2006 23:00	11.7	70.1	1.1	167	11.8	67.6	2.9	157
10/22/2006 0:00	11.6	79.2	0.8	173	11.5	71.6	1.8	162
10/22/2006 1:00	10.7	88.8	0.3	64	10.7	82.1	0.5	42
10/22/2006 2:00	10.2	85.0	0.3	100	10.4	84.5	0.5	100
10/22/2006 3:00	10.0	85.5	0.9	55	9.9	84.4	1.3	27
10/22/2006 4:00	9.8	88.7	0.7	48	9.5	86.4	1.2	25
10/22/2006 5:00	9.7	93.5	0.6	38	9.3	93.2	1.0	16
10/22/2006 6:00	9.6	95.5	0.4	85	9.2	95.3	0.8	71
10/22/2006 7:00	9.5	95.3	0.1	116	8.9	93.2	0.8	101
10/22/2006 8:00	9.3	94.8	0.0	353	8.7	95.4	0.8	136
10/22/2006 9:00	9.0	96.1	0.4	170	8.6	94.4	1.5	159
10/22/2006 10:00	8.9	95.4	1.7	183	8.7	94.0	2.6	183
10/22/2006 11:00	9.2	95.4	2.3	197	9.0	95.3	3.3	194

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Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/22/2006 12:00	9.3	93.9	2.1	208	9.2	90.6	3.3	206
10/22/2006 13:00	9.6	88.7	2.7	219	9.6	88.2	4.1	211
10/22/2006 14:00	9.5	89.3	3.2	217	9.4	88.7	4.4	213
10/22/2006 15:00	9.9	80.0	2.9	218	9.7	81.2	4.6	213
10/22/2006 16:00	9.7	80.8	3.3	234	9.5	80.0	5.5	222
10/22/2006 17:00	8.0	81.5	3.3	258	7.7	81.3	6.8	241
10/22/2006 18:00	5.9	85.3	2.9	279	5.5	89.3	6.6	256
10/22/2006 19:00	4.9	83.0	2.7	287	4.6	83.9	5.8	266
10/22/2006 20:00	5.2	81.7	2.3	293	4.9	81.7	5.2	269
10/22/2006 21:00	5.3	77.7	2.1	294	5.0	77.0	4.6	273
10/22/2006 22:00	5.2	80.6	1.8	294	4.9	81.3	4.2	267
10/22/2006 23:00	5.1	74.2	1.9	290	4.8	75.6	4.0	270
10/23/2006 0:00	5.0	73.1	1.6	278	4.7	71.7	4.2	260
10/23/2006 1:00	4.5	70.9	1.4	267	4.2	71.0	3.4	253
10/23/2006 2:00	4.5	68.0	1.7	270	4.3	66.8	3.6	251
10/23/2006 3:00	4.4	66.4	1.7	271	4.2	68.7	3.7	254
10/23/2006 4:00	4.4	69.1	1.8	268	4.1	71.3	3.6	245
10/23/2006 5:00	4.2	68.0	2.0	265	4.0	67.8	3.9	244
10/23/2006 6:00	3.9	70.0	1.8	260	3.6	71.8	3.5	241
10/23/2006 7:00	3.5	71.2	1.5	258	3.2	74.2	3.2	237
10/23/2006 8:00	3.3	73.6	1.8	241	2.8	74.2	2.9	231
10/23/2006 9:00	3.2	74.5	1.7	243	2.9	73.4	3.2	233
10/23/2006 10:00	3.8	70.1	1.9	246	3.6	69.3	4.0	237
10/23/2006 11:00	4.7	63.6	2.0	258	4.6	62.7	4.1	243
10/23/2006 12:00	5.0	65.4	2.4	250	4.9	63.8	4.3	239
10/23/2006 13:00	5.3	61.9	2.4	255	5.2	63.3	4.6	238
10/23/2006 14:00	6.0	55.1	2.0	260	5.6	56.9	4.3	246
10/23/2006 15:00	5.7	61.2	2.1	270	5.5	61.7	4.4	247
10/23/2006 16:00	5.8	59.5	2.3	259	5.5	61.1	4.9	242
10/23/2006 17:00	5.8	61.1	2.0	264	5.4	61.2	4.5	241
10/23/2006 18:00	5.5	62.4	1.9	262	5.2	61.9	4.1	241
10/23/2006 19:00	5.4	66.3	1.7	263	5.1	68.5	3.0	240
10/23/2006 20:00	4.8	73.8	1.9	248	4.5	74.0	3.5	236
10/23/2006 21:00	4.7	70.7	2.0	261	4.4	71.9	3.3	241
10/23/2006 22:00	4.6	72.9	1.7	263	4.3	77.4	3.1	238
10/23/2006 23:00	4.4	73.6	1.9	261	4.1	73.2	3.5	246
10/24/2006 0:00	4.3	73.5	1.8	268	4.1	73.1	3.5	254
10/24/2006 1:00	3.5	78.7	1.7	265	3.3	80.0	3.5	249
10/24/2006 2:00	2.7	84.5	1.6	268	2.4	84.7	3.3	245
10/24/2006 3:00	2.3	84.7	1.5	269	2.1	84.7	3.6	255
10/24/2006 4:00	1.9	86.7	1.7	272	1.7	86.2	4.1	254
10/24/2006 5:00	1.5	87.7	1.6	270	1.2	87.6	3.8	255
10/24/2006 6:00	1.2	89.2	1.4	269	0.8	88.2	3.3	253

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Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/24/2006 7:00	0.9	86.4	1.4	271	0.7	87.5	3.5	257
10/24/2006 8:00	1.7	80.8	1.5	287	1.3	81.2	3.5	269
10/24/2006 9:00	2.3	78.9	1.6	295	2.0	78.2	3.6	274
10/24/2006 10:00	3.0	73.3	2.0	301	2.7	74.2	4.4	278
10/24/2006 11:00	3.9	68.6	2.1	303	3.8	68.7	4.5	282
10/24/2006 12:00	5.0	65.7	2.3	303	4.9	64.5	4.7	277
10/24/2006 13:00	6.1	57.0	2.1	298	5.7	56.7	4.6	273
10/24/2006 14:00	7.1	57.4	2.3	306	6.6	56.2	4.9	281
10/24/2006 15:00	6.9	57.8	2.0	304	6.4	56.9	4.7	278
10/24/2006 16:00	6.9	57.0	2.0	308	6.5	57.5	4.3	283
10/24/2006 17:00	6.9	58.6	1.8	311	6.6	57.9	3.5	290
10/24/2006 18:00	7.0	55.5	1.5	310	6.6	56.2	3.2	286
10/24/2006 19:00	7.0	55.5	1.0	312	6.6	56.1	2.2	291
10/24/2006 20:00	6.9	51.7	1.0	321	6.4	51.4	1.7	300
10/24/2006 21:00	6.6	48.5	1.2	325	6.2	48.8	2.4	300
10/24/2006 22:00	6.5	51.4	0.8	304	6.1	51.7	2.0	286
10/24/2006 23:00	6.2	52.6	1.0	301	5.8	51.9	2.0	277
10/25/2006 0:00	6.1	55.4	0.8	303	5.6	55.9	1.8	283
10/25/2006 1:00	5.9	58.7	0.9	309	5.4	58.6	1.8	285
10/25/2006 2:00	5.7	60.0	1.0	305	5.3	61.0	1.9	281
10/25/2006 3:00	5.5	63.2	0.8	306	5.0	63.9	1.8	283
10/25/2006 4:00	5.3	64.8	0.7	303	4.9	66.1	1.8	281
10/25/2006 5:00	5.2	66.6	0.6	305	4.7	66.5	1.5	279
10/25/2006 6:00	5.2	63.7	0.6	288	4.7	66.9	1.5	260
10/25/2006 7:00	5.0	69.8	0.6	273	4.5	73.0	1.5	259
10/25/2006 8:00	4.7	71.3	0.6	292	4.1	71.4	1.2	265
10/25/2006 9:00	4.7	73.7	0.7	291	4.2	76.4	1.2	263
10/25/2006 10:00	5.6	63.1	1.1	303	5.3	61.6	2.1	264
10/25/2006 11:00	6.8	55.1	1.3	314	6.6	56.3	2.7	288
10/25/2006 12:00	7.8	50.4	1.2	297	7.3	48.2	2.5	273
10/25/2006 13:00	8.5	49.3	1.5	308	7.9	47.9	2.3	296
10/25/2006 14:00	8.1	47.0	1.1	303	7.6	45.1	2.6	280
10/25/2006 15:00	8.1	42.8	1.2	310	7.6	46.0	2.5	285
10/25/2006 16:00	8.5	43.5	1.1	308	8.0	42.8	2.5	285
10/25/2006 17:00	8.4	46.0	1.1	316	7.9	46.0	2.1	291
10/25/2006 18:00	8.3	47.7	0.8	318	7.8	46.4	1.6	295
10/25/2006 19:00	7.9	59.7	0.5	354	7.6	49.2	1.1	304
10/25/2006 20:00	6.8	66.9	0.3	58	7.2	66.4	0.5	338
10/25/2006 21:00	6.6	73.1	0.3	101	6.5	63.0	0.7	97
10/25/2006 22:00	6.3	70.4	0.4	119	6.1	69.5	0.9	122
10/25/2006 23:00	6.0	80.0	0.1	88	5.5	67.1	0.4	125
10/26/2006 0:00	5.1	80.4	0.0	184	4.7	78.6	0.3	150
10/26/2006 1:00	3.8	81.0	0.0	170	3.4	79.6	0.1	30

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/26/2006 2:00	3.7	82.6	0.0	93	3.6	82.1	0.2	8
10/26/2006 3:00	2.7	88.0	0.0	150	2.7	84.3	0.1	27
10/26/2006 4:00	1.7	89.4	0.1	194	1.7	88.4	0.3	19
10/26/2006 5:00	0.9	91.2	0.1	213	0.5	90.7	0.2	253
10/26/2006 6:00	0.3	92.4	0.0	353	-0.3	92.6	0.1	14
10/26/2006 7:00	-0.1	92.8	0.0	314	-0.5	91.3	0.1	345
10/26/2006 8:00	-0.3	92.9	0.0	189	-0.8	93.3	0.3	273
10/26/2006 9:00	0.0	91.8	0.1	318	-0.3	84.6	0.1	41
10/26/2006 10:00	3.0	69.4	0.3	68	4.0	62.8	0.9	59
10/26/2006 11:00	7.1	65.0	0.8	136	7.7	62.7	1.1	121
10/26/2006 12:00	9.1	58.8	1.1	140	9.1	58.3	1.8	111
10/26/2006 13:00	10.5	57.6	1.1	129	9.6	54.3	1.6	107
10/26/2006 14:00	10.4	51.8	1.2	142	9.6	52.8	2.5	149
10/26/2006 15:00	10.4	51.1	1.0	153	9.3	51.6	2.4	140
10/26/2006 16:00	10.3	51.9	1.1	159	9.6	51.3	2.3	137
10/26/2006 17:00	10.4	53.6	1.0	143	9.3	52.4	2.2	120
10/26/2006 18:00	9.3	57.2	1.2	129	8.6	59.1	2.0	106
10/26/2006 19:00	8.6	65.5	1.3	115	8.1	65.2	1.8	96
10/26/2006 20:00	8.2	63.3	1.4	101	7.9	62.0	2.4	76
10/26/2006 21:00	7.9	63.4	1.4	100	7.5	64.3	2.3	82
10/26/2006 22:00	7.4	68.0	1.3	94	7.1	67.1	2.4	71
10/26/2006 23:00	7.1	70.4	1.0	84	6.8	71.0	2.1	56
10/27/2006 0:00	7.1	76.6	1.1	89	6.8	74.9	1.8	60
10/27/2006 1:00	7.0	83.7	0.9	63	6.5	83.4	1.8	44
10/27/2006 2:00	6.7	86.4	1.2	75	6.3	85.9	2.5	55
10/27/2006 3:00	6.9	87.1	1.5	89	6.5	87.6	2.3	63
10/27/2006 4:00	7.0	88.9	1.1	71	6.4	90.2	1.8	47
10/27/2006 5:00	6.8	92.4	0.9	55	6.2	92.6	2.1	42
10/27/2006 6:00	6.6	92.7	1.0	78	6.1	92.7	2.2	52
10/27/2006 7:00	6.6	91.0	1.1	63	6.0	91.0	2.2	39
10/27/2006 8:00	6.7	89.7	1.0	62	6.2	89.6	2.2	47
10/27/2006 9:00	6.7	88.1	1.3	77	6.3	87.3	2.9	49
10/27/2006 10:00	7.0	85.5	1.9	70	6.6	85.3	3.3	51
10/27/2006 11:00	7.3	81.7	1.9	66	6.9	81.4	3.3	48
10/27/2006 12:00	7.9	79.9	1.7	53	7.3	79.4	3.3	38
10/27/2006 13:00	8.0	79.7	2.2	56	7.4	79.0	3.6	38
10/27/2006 14:00	7.8	81.3	2.1	45	7.2	81.7	4.1	32
10/27/2006 15:00	7.4	89.4	2.5	50	6.8	90.9	4.6	33
10/27/2006 16:00	6.7	94.3	2.2	38	6.2	94.2	3.7	30
10/27/2006 17:00	6.7	95.1	2.0	41	6.2	95.2	4.1	31
10/27/2006 18:00	6.3	95.4	2.2	32	5.9	95.5	4.0	24
10/27/2006 19:00	6.1	95.2	2.3	23	5.7	95.5	4.0	13
10/27/2006 20:00	6.0	95.5	1.9	19	5.5	95.3	3.9	14

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/27/2006 21:00	6.1	95.8	1.8	11	5.7	95.4	3.5	10
10/27/2006 22:00	5.9	95.5	1.9	354	5.7	94.8	3.5	360
10/27/2006 23:00	5.4	95.3	1.9	352	5.1	95.3	3.2	355
10/28/2006 0:00	5.2	94.5	2.1	343	4.9	95.3	3.1	330
10/28/2006 1:00	5.4	94.1	2.1	345	5.0	94.5	3.1	331
10/28/2006 2:00	5.6	94.7	1.6	337	5.2	94.3	3.3	323
10/28/2006 3:00	5.6	93.3	1.6	327	5.3	93.8	2.9	303
10/28/2006 4:00	5.5	93.6	1.6	319	5.1	93.1	3.1	297
10/28/2006 5:00	5.1	90.5	2.0	315	4.8	91.5	3.6	293
10/28/2006 6:00	5.0	89.5	1.9	307	4.7	91.2	3.6	284
10/28/2006 7:00	5.1	87.6	1.6	291	4.8	85.7	3.7	272
10/28/2006 8:00	4.3	88.8	1.6	273	4.1	88.5	3.6	251
10/28/2006 9:00	4.5	89.9	1.9	252	4.3	90.1	3.4	235
10/28/2006 10:00	4.1	92.9	2.2	241	3.9	92.5	4.2	229
10/28/2006 11:00	4.3	90.8	2.1	230	4.2	90.7	3.5	226
10/28/2006 12:00	4.9	88.7	3.3	245	4.8	90.2	5.6	234
10/28/2006 13:00	4.3	86.2	2.8	261	4.1	86.8	5.7	244
10/28/2006 14:00	5.2	89.1	3.5	275	5.0	88.0	7.7	251
10/28/2006 15:00	5.2	84.7	3.4	281	4.9	83.5	7.5	257
10/28/2006 16:00	5.8	86.9	3.6	287	5.5	89.3	6.4	265
10/28/2006 17:00	4.9	72.6	2.9	290	4.4	64.0	6.3	267
10/28/2006 18:00	7.3	55.8	3.4	280	6.9	53.5	7.6	259
10/28/2006 19:00	7.1	53.8	3.4	280	6.9	53.3	7.9	259
10/28/2006 20:00	6.7	52.2	3.4	275	6.5	53.7	6.6	253
10/28/2006 21:00	6.7	52.0	2.8	282	6.4	49.7	5.6	258
10/28/2006 22:00	6.6	51.2	2.5	281	6.3	51.8	6.1	258
10/28/2006 23:00	6.1	54.5	2.3	277	5.8	54.5	4.6	254
10/29/2006 0:00	5.3	56.4	1.9	271	4.9	58.2	3.7	249
10/29/2006 1:00	4.5	58.9	1.9	270	4.0	59.7	3.2	243
10/29/2006 2:00	4.3	61.8	2.1	262	4.0	61.5	4.5	240
10/29/2006 3:00	4.1	57.2	1.9	260	3.8	59.0	3.7	237
10/29/2006 4:00	4.3	55.3	2.2	266	4.0	54.7	4.2	242
10/29/2006 5:00	3.9	60.3	2.3	251	3.5	60.4	4.0	233
10/29/2006 6:00	3.7	62.0	2.1	253	3.3	63.7	4.2	237
10/29/2006 7:00	3.0	64.5	1.9	233	2.6	63.8	3.5	225
10/29/2006 8:00	3.0	60.9	2.1	256	2.7	62.9	3.7	241
10/29/2006 9:00	3.9	56.6	2.2	266	3.7	55.3	4.0	244
10/29/2006 10:00	5.3	48.0	2.7	261	5.3	51.6	5.0	240
10/29/2006 11:00	6.7	43.9	3.4	274	6.8	42.7	6.0	247
10/29/2006 12:00	7.8	37.6	3.4	279	7.7	37.6	6.8	256
10/29/2006 13:00	8.7	33.4	3.4	287	8.5	33.8	7.3	258
10/29/2006 14:00	10.1	34.0	3.2	280	9.7	32.8	6.9	255
10/29/2006 15:00	11.3	28.2	3.7	267	10.9	30.4	6.6	246

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/29/2006 16:00	12.1	26.4	3.7	261	11.5	28.1	7.1	247
10/29/2006 17:00	12.1	25.9	3.5	272	11.3	28.8	6.8	253
10/29/2006 18:00	11.2	29.1	2.9	265	10.7	33.3	5.2	239
10/29/2006 19:00	9.6	34.6	1.8	258	9.3	37.3	3.8	239
10/29/2006 20:00	8.5	38.5	1.3	231	7.8	39.9	2.9	229
10/29/2006 21:00	7.6	40.3	1.2	223	6.9	44.1	2.2	220
10/29/2006 22:00	6.9	44.2	1.2	231	6.2	46.4	2.5	225
10/29/2006 23:00	6.1	48.2	0.9	239	5.5	48.8	1.9	232
10/30/2006 0:00	5.3	50.9	1.0	237	4.7	51.9	1.6	230
10/30/2006 1:00	4.5	56.0	1.0	212	3.7	62.7	0.9	195
10/30/2006 2:00	3.7	72.1	0.7	187	2.3	70.9	0.5	131
10/30/2006 3:00	1.4	79.6	0.3	135	1.5	74.2	0.4	94
10/30/2006 4:00	1.0	76.0	0.6	171	0.7	80.7	0.6	146
10/30/2006 5:00	1.6	79.9	0.5	150	0.9	79.3	0.6	110
10/30/2006 6:00	1.8	85.4	0.5	152	1.0	86.8	0.8	128
10/30/2006 7:00	1.9	89.7	0.6	137	2.0	89.8	0.6	127
10/30/2006 8:00	2.3	89.4	0.5	158	1.9	91.3	0.7	142
10/30/2006 9:00	3.5	84.4	0.6	154	2.8	85.0	1.0	129
10/30/2006 10:00	7.1	72.7	1.2	158	6.7	73.3	2.5	139
10/30/2006 11:00	10.2	65.6	2.5	169	10.4	64.3	3.6	157
10/30/2006 12:00	12.5	62.4	3.3	176	12.6	60.1	4.4	167
10/30/2006 13:00	14.0	57.0	3.4	181	14.1	57.3	4.8	173
10/30/2006 14:00	16.2	55.2	3.5	186	16.3	54.9	5.1	177
10/30/2006 15:00	18.7	49.2	3.8	181	18.6	50.8	5.1	179
10/30/2006 16:00	20.3	48.5	3.7	180	19.8	50.1	4.8	169
10/30/2006 17:00	20.4	46.9	3.2	177	19.8	49.7	4.4	168
10/30/2006 18:00	18.8	52.3	3.5	184	18.3	55.2	4.4	174
10/30/2006 19:00	17.0	55.3	2.4	169	16.9	52.5	3.3	165
10/30/2006 20:00	17.1	56.1	3.2	171	17.0	55.5	4.4	161
10/30/2006 21:00	16.0	60.7	3.1	170	15.9	60.8	4.2	160
10/30/2006 22:00	15.7	61.0	3.6	173	15.6	61.4	4.6	170
10/30/2006 23:00	16.0	59.8	3.9	174	15.9	59.4	5.0	168
10/31/2006 0:00	15.3	64.0	3.1	181	15.1	63.3	3.8	178
10/31/2006 1:00	14.6	61.8	2.6	174	14.4	61.1	3.5	175
10/31/2006 2:00	14.7	59.7	2.5	170	14.7	60.5	4.1	173
10/31/2006 3:00	15.1	59.3	3.2	179	14.6	60.3	4.5	177
10/31/2006 4:00	14.8	61.5	3.7	183	14.5	62.5	4.8	178
10/31/2006 5:00	15.0	55.0	3.0	187	14.4	57.6	4.0	184
10/31/2006 6:00	16.5	57.6	3.9	206	16.1	58.2	5.4	198
10/31/2006 7:00	15.9	62.9	3.9	203	15.6	64.1	5.3	199
10/31/2006 8:00	15.8	63.5	3.7	203	15.5	64.6	5.1	196
10/31/2006 9:00	16.0	65.5	3.5	202	15.3	68.4	4.2	191
10/31/2006 10:00	16.1	68.0	3.6	204	15.2	69.6	4.1	190

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
10/31/2006 11:00	16.4	70.0	3.6	211	16.1	70.6	5.3	202
10/31/2006 12:00	16.5	72.2	4.0	211	16.5	72.1	5.3	203
10/31/2006 13:00	16.6	73.4	3.7	212	16.5	74.3	5.3	205
10/31/2006 14:00	16.7	58.3	2.9	255	16.6	58.3	5.6	233
10/31/2006 15:00	14.8	52.1	2.7	272	14.7	53.2	5.3	251
10/31/2006 16:00	13.0	43.3	2.8	285	13.2	43.4	4.8	254
10/31/2006 17:00	12.6	46.2	2.4	278	12.1	47.0	4.9	263
10/31/2006 18:00	12.5	45.5	2.0	269	11.8	49.0	3.7	253
10/31/2006 19:00	11.0	40.0	1.4	274	10.5	42.9	2.6	255
10/31/2006 20:00	9.6	42.4	1.5	284	9.1	43.5	3.0	264
10/31/2006 21:00	8.3	50.5	1.7	290	7.9	51.2	4.0	269
10/31/2006 22:00	7.2	54.1	1.7	290	6.8	54.2	3.9	269
10/31/2006 23:00	6.0	58.3	1.6	285	5.7	57.7	3.7	266
11/1/2006 0:00	5.1	62.4	0.9	288	4.7	63.4	2.7	269
11/1/2006 1:00	4.3	65.0	0.9	281	3.7	68.1	2.1	263
11/1/2006 2:00	3.6	68.7	0.7	271	3.0	70.4	2.1	263
11/1/2006 3:00	3.3	66.5	0.9	279	2.9	68.0	2.0	259
11/1/2006 4:00	3.7	61.0	1.1	298	3.3	63.5	1.7	272
11/1/2006 5:00	3.9	60.2	0.8	293	3.4	62.2	1.3	265
11/1/2006 6:00	3.7	64.3	1.2	314	3.3	63.2	2.0	291
11/1/2006 7:00	3.0	72.1	0.5	291	2.5	68.1	1.2	274
11/1/2006 8:00	1.3	81.5	0.1	177	0.9	81.0	0.4	213
11/1/2006 9:00	0.4	81.0	0.0	353	0.7	82.5	0.0	353
11/1/2006 10:00	2.7	62.9	0.7	213	3.4	60.8	0.9	202
11/1/2006 11:00	4.4	52.2	1.4	227	5.4	46.7	2.1	228
11/1/2006 12:00	5.9	52.2	2.2	239	6.9	49.3	3.3	210
11/1/2006 13:00	6.9	46.9	2.4	244	7.4	45.6	3.9	215
11/1/2006 14:00	7.4	43.1	3.0	232	7.7	41.7	4.3	234
11/1/2006 15:00	8.4	40.9	2.9	238	8.7	41.3	4.1	219
11/1/2006 16:00	8.7	37.2	2.7	246	8.4	39.7	4.4	232
11/1/2006 17:00	8.0	41.1	2.7	238	7.9	40.3	4.0	239
11/1/2006 18:00	7.5	40.3	2.0	261	7.1	41.0	3.9	246
11/1/2006 19:00	6.8	43.3	1.9	272	6.4	45.4	3.0	256
11/1/2006 20:00	6.1	44.5	1.4	276	5.7	46.0	3.1	263
11/1/2006 21:00	5.3	45.5	1.6	286	4.8	46.8	3.2	266
11/1/2006 22:00	3.9	49.1	1.8	292	3.5	49.4	3.5	271
11/1/2006 23:00	2.8	52.9	2.0	286	2.4	54.1	3.7	263
11/2/2006 0:00	2.2	56.2	1.8	283	1.5	57.2	3.1	263
11/2/2006 1:00	1.9	60.0	1.4	281	1.3	59.4	3.1	261
11/2/2006 2:00	1.0	63.7	1.0	263	0.1	69.5	1.5	240
11/2/2006 3:00	0.2	70.1	0.8	226	-0.9	77.2	1.1	211
11/2/2006 4:00	-0.3	66.2	1.1	218	-1.3	70.9	1.3	214
11/2/2006 5:00	-0.3	67.1	1.5	232	-0.9	69.5	2.8	229

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/2/2006 6:00	-0.5	67.0	1.5	231	-1.3	70.4	2.2	232
11/2/2006 7:00	-0.8	67.8	1.5	224	-1.5	69.7	2.4	230
11/2/2006 8:00	-0.9	67.9	1.8	239	-1.4	70.4	2.9	234
11/2/2006 9:00	-0.8	66.3	1.6	244	-1.3	66.6	2.9	240
11/2/2006 10:00	0.7	62.8	1.4	262	0.4	63.2	3.0	252
11/2/2006 11:00	2.0	58.4	1.6	259	1.9	57.2	2.8	244
11/2/2006 12:00	2.8	55.2	2.5	241	3.1	54.1	3.8	230
11/2/2006 13:00	2.8	58.8	2.4	249	2.8	59.0	4.3	233
11/2/2006 14:00	2.6	62.4	2.2	262	2.5	64.3	4.0	238
11/2/2006 15:00	1.8	78.2	2.0	276	1.7	78.3	4.0	251
11/2/2006 16:00	0.7	84.7	1.8	353	0.2	90.6	4.3	242
11/2/2006 17:00	0.5	76.2	2.4	266	-0.1	78.7	4.7	251
11/2/2006 18:00	0.5	71.5	2.6	273	0.0	74.4	4.7	253
11/2/2006 19:00	0.0	73.8	2.2	260	-0.6	77.3	4.0	240
11/2/2006 20:00	-0.7	81.2	2.3	261	-1.0	83.7	3.5	241
11/2/2006 21:00	-0.8	74.9	2.2	261	-1.6	78.5	3.5	239
11/2/2006 22:00	-1.2	77.2	1.5	260	-1.8	79.3	3.4	238
11/2/2006 23:00	-1.5	76.7	2.1	265	-2.1	78.7	3.6	240
11/3/2006 0:00	-1.9	80.3	1.7	256	-2.5	83.0	2.9	237
11/3/2006 1:00	-2.2	82.3	1.4	251	-3.0	84.8	2.6	234
11/3/2006 2:00	-2.6	84.8	1.3	236	-3.3	86.2	2.4	227
11/3/2006 3:00	-3.0	86.6	1.1	227	-3.8	87.8	1.6	223
11/3/2006 4:00	-3.3	87.5	1.4	241	-4.0	88.0	2.1	226
11/3/2006 5:00	-3.3	86.7	1.5	255	-3.8	87.2	2.6	243
11/3/2006 6:00	-3.2	86.3	0.9	255	-3.8	87.2	1.9	242
11/3/2006 7:00	-3.1	85.5	1.2	224	-3.9	88.2	1.5	226
11/3/2006 8:00	-2.5	83.4	1.4	231	-3.1	84.4	1.9	230
11/3/2006 9:00	-1.4	79.1	1.5	239	-1.7	81.4	2.2	239
11/3/2006 10:00	-0.3	73.8	1.8	240	-0.6	75.7	2.6	230
11/3/2006 11:00	0.5	71.0	2.3	246	0.4	69.6	3.4	231
11/3/2006 12:00	1.7	58.0	2.5	258	1.5	62.2	4.0	249
11/3/2006 13:00	2.3	54.0	2.6	269	2.1	54.9	4.8	250
11/3/2006 14:00	2.8	52.0	3.2	259	2.7	50.3	4.6	245
11/3/2006 15:00	2.9	49.9	3.5	242	3.2	51.7	5.0	224
11/3/2006 16:00	2.9	52.1	2.3	250	2.7	53.8	4.6	244
11/3/2006 17:00	2.9	51.7	2.3	245	2.8	52.1	3.6	239
11/3/2006 18:00	2.6	60.5	2.1	253	2.1	61.0	3.5	238
11/3/2006 19:00	2.1	60.7	1.7	256	1.6	64.2	2.9	236
11/3/2006 20:00	1.9	59.8	1.1	253	1.4	62.1	2.1	229
11/3/2006 21:00	1.9	61.3	1.0	253	1.5	64.5	1.8	227
11/3/2006 22:00	1.8	62.1	1.0	227	1.2	64.9	1.6	205
11/3/2006 23:00	1.3	63.2	1.1	226	0.7	66.6	1.8	218
11/4/2006 0:00	0.0	66.7	0.8	215	-1.0	73.9	1.0	222

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/4/2006 1:00	-0.7	67.6	0.9	209	-2.1	80.2	0.5	206
11/4/2006 2:00	-1.2	74.3	0.7	212	-2.8	82.2	0.5	221
11/4/2006 3:00	-2.2	80.0	0.7	204	-3.7	81.4	0.6	207
11/4/2006 4:00	-3.0	84.2	0.4	201	-3.7	88.1	0.3	192
11/4/2006 5:00	-3.8	87.1	0.0	202	-4.5	88.8	0.1	279
11/4/2006 6:00	-4.3	88.9	0.0	193	-4.6	88.4	0.2	67
11/4/2006 7:00	-4.4	88.8	0.0	353	-4.8	89.0	0.1	0
11/4/2006 8:00	-2.9	86.3	0.1	184	-3.2	88.0	0.0	121
11/4/2006 9:00	-1.7	82.8	0.2	112	-2.1	83.5	0.4	121
11/4/2006 10:00	-0.1	73.5	0.4	135	-0.3	79.1	0.5	136
11/4/2006 11:00	1.8	68.5	0.8	155	2.0	62.1	1.4	137
11/4/2006 12:00	4.3	49.5	2.7	175	4.8	47.4	3.9	176
11/4/2006 13:00	5.2	45.9	2.9	177	5.5	46.7	3.8	172
11/4/2006 14:00	6.2	48.4	2.9	176	6.0	49.0	4.0	164
11/4/2006 15:00	6.7	47.4	3.4	179	6.4	49.9	4.4	162
11/4/2006 16:00	7.1	47.0	3.0	171	6.6	49.5	3.9	161
11/4/2006 17:00	7.3	48.9	2.9	168	6.8	50.9	4.1	154
11/4/2006 18:00	6.7	56.3	1.9	164	6.3	58.1	2.9	146
11/4/2006 19:00	6.2	62.0	1.3	157	5.6	63.0	2.2	139
11/4/2006 20:00	5.9	63.5	1.6	166	5.5	61.7	2.0	153
11/4/2006 21:00	6.7	57.8	2.1	167	6.4	57.7	3.3	149
11/4/2006 22:00	6.6	59.2	2.0	166	6.3	60.3	2.6	149
11/4/2006 23:00	6.4	63.3	1.4	152	6.0	62.3	2.5	133
11/5/2006 0:00	6.1	68.4	1.6	171	5.8	67.3	2.2	159
11/5/2006 1:00	6.0	65.1	1.7	171	5.8	68.4	2.0	162
11/5/2006 2:00	5.9	68.0	1.0	159	5.4	69.9	1.3	148
11/5/2006 3:00	5.4	65.8	1.3	168	5.1	68.2	1.5	157
11/5/2006 4:00	5.3	62.7	1.7	166	5.0	61.4	1.9	158
11/5/2006 5:00	5.3	63.1	1.6	168	5.2	61.4	2.3	159
11/5/2006 6:00	5.4	60.0	2.0	170	5.4	59.4	2.7	168
11/5/2006 7:00	5.4	62.1	1.6	166	5.3	61.4	2.3	165
11/5/2006 8:00	5.4	62.3	1.5	167	5.3	61.7	2.1	161
11/5/2006 9:00	5.5	62.0	2.0	172	5.4	62.1	2.4	164
11/5/2006 10:00	6.0	58.8	1.9	168	5.8	59.3	2.7	159
11/5/2006 11:00	6.9	54.7	2.3	178	7.0	52.2	2.8	168
11/5/2006 12:00	8.4	51.5	2.5	173	8.7	50.1	3.2	163
11/5/2006 13:00	10.1	44.0	2.6	174	10.4	45.2	3.5	164
11/5/2006 14:00	10.3	46.5	2.8	188	10.5	47.4	3.8	169
11/5/2006 15:00	10.8	45.0	3.0	185	10.7	47.7	3.9	168
11/5/2006 16:00	10.7	46.6	2.5	186	10.6	46.7	3.2	178
11/5/2006 17:00	10.6	47.9	1.4	169	10.2	51.7	1.9	160
11/5/2006 18:00	10.5	53.3	1.1	167	10.3	54.3	1.5	165
11/5/2006 19:00	9.9	57.2	0.7	173	9.6	58.4	0.8	175

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/5/2006 20:00	9.6	62.3	0.9	162	9.0	65.3	1.2	150
11/5/2006 21:00	9.1	64.1	1.0	164	8.6	66.2	1.4	148
11/5/2006 22:00	8.4	70.0	0.8	164	7.7	71.6	1.2	133
11/5/2006 23:00	7.7	77.8	0.5	150	7.2	72.8	1.0	129
11/6/2006 0:00	5.5	82.0	0.3	119	6.3	84.2	0.8	122
11/6/2006 1:00	4.9	85.4	0.4	131	5.3	82.9	0.5	116
11/6/2006 2:00	4.5	86.6	0.5	153	4.7	88.8	0.8	131
11/6/2006 3:00	4.5	88.1	0.6	146	3.8	92.5	0.4	127
11/6/2006 4:00	4.1	88.4	0.5	149	3.3	89.7	0.4	153
11/6/2006 5:00	4.5	87.6	0.3	130	4.4	86.9	0.5	87
11/6/2006 6:00	5.0	87.8	0.3	137	5.1	87.2	0.4	102
11/6/2006 7:00	5.7	88.0	0.4	133	5.7	85.7	0.8	123
11/6/2006 8:00	5.6	89.6	0.6	136	5.5	87.0	0.8	123
11/6/2006 9:00	5.3	84.5	0.9	163	4.7	85.4	1.1	149
11/6/2006 10:00	6.4	80.2	0.9	161	6.1	82.4	1.1	148
11/6/2006 11:00	8.3	71.6	1.6	170	8.4	66.1	2.2	159
11/6/2006 12:00	11.4	56.2	2.3	170	11.7	55.1	3.4	161
11/6/2006 13:00	14.1	44.1	2.7	167	14.4	42.6	3.8	166
11/6/2006 14:00	15.4	44.2	3.4	176	15.5	44.7	4.5	177
11/6/2006 15:00	15.7	41.7	3.0	173	15.5	43.3	3.8	167
11/6/2006 16:00	16.1	41.5	2.5	174	15.7	45.3	3.4	158
11/6/2006 17:00	15.8	48.3	1.8	160	15.0	49.7	2.6	136
11/6/2006 18:00	15.1	57.4	1.1	141	13.8	60.5	1.6	123
11/6/2006 19:00	12.2	64.0	0.9	139	11.8	64.8	1.6	108
11/6/2006 20:00	11.5	65.3	1.0	145	11.2	65.1	1.5	119
11/6/2006 21:00	11.2	68.6	0.7	144	10.5	71.1	0.9	142
11/6/2006 22:00	10.9	65.3	0.9	156	10.0	69.0	0.8	133
11/6/2006 23:00	10.7	57.7	1.2	163	10.5	54.8	1.6	160
11/7/2006 0:00	10.6	59.7	0.9	153	11.0	53.6	1.4	155
11/7/2006 1:00	10.7	57.7	1.1	138	10.8	59.3	1.4	113
11/7/2006 2:00	10.9	62.0	1.2	153	10.4	64.9	1.4	133
11/7/2006 3:00	11.0	66.2	0.8	143	10.3	67.2	0.4	115
11/7/2006 4:00	10.7	66.0	0.9	155	10.4	69.0	0.9	129
11/7/2006 5:00	11.2	64.8	1.4	165	10.8	65.6	1.5	170
11/7/2006 6:00	10.9	76.2	2.5	185	10.6	77.8	2.9	184
11/7/2006 7:00	10.8	82.1	1.0	169	10.1	82.7	1.3	172
11/7/2006 8:00	10.0	90.9	1.1	163	9.7	91.1	1.4	148
11/7/2006 9:00	9.8	92.8	0.6	141	9.3	91.1	0.8	129
11/7/2006 10:00	9.3	94.5	0.9	142	8.7	94.9	1.4	125
11/7/2006 11:00	9.1	95.7	1.2	137	8.6	95.6	1.8	116
11/7/2006 12:00	9.4	95.0	1.4	143	8.9	94.5	2.4	128
11/7/2006 13:00	9.2	95.8	1.4	147	8.7	94.4	2.5	133
11/7/2006 14:00	9.3	96.1	1.5	156	8.8	95.9	2.5	146

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/7/2006 15:00	9.3	96.7	1.2	158	8.8	96.4	2.2	145
11/7/2006 16:00	9.6	96.6	0.9	146	9.1	96.8	1.8	129
11/7/2006 17:00	9.7	96.8	0.8	135	9.1	97.5	1.1	119
11/7/2006 18:00	9.7	97.0	1.4	124	9.2	97.6	1.8	99
11/7/2006 19:00	9.5	96.9	1.0	134	9.0	97.3	1.8	109
11/7/2006 20:00	9.6	96.9	0.8	142	9.2	97.5	1.0	121
11/7/2006 21:00	9.7	96.9	0.5	132	9.3	97.7	0.5	123
11/7/2006 22:00	9.9	96.9	0.6	132	9.4	98.0	0.7	122
11/7/2006 23:00	10.0	97.1	0.6	140	9.4	98.4	0.9	128
11/8/2006 0:00	10.2	97.4	0.6	147	9.5	98.7	0.8	133
11/8/2006 1:00	10.1	97.9	0.6	160	9.5	98.7	0.8	150
11/8/2006 2:00	10.0	98.4	0.4	178	9.6	98.8	0.3	146
11/8/2006 3:00	10.0	98.5	0.2	184	9.7	98.9	0.3	173
11/8/2006 4:00	10.1	98.5	0.4	141	9.5	99.0	0.6	131
11/8/2006 5:00	9.9	98.6	0.1	209	9.5	98.9	0.3	233
11/8/2006 6:00	9.9	98.7	0.2	197	9.6	98.9	0.3	197
11/8/2006 7:00	10.1	98.6	0.0	353	9.6	98.9	0.1	175
11/8/2006 8:00	10.0	98.6	0.2	128	9.5	99.0	0.4	167
11/8/2006 9:00	10.1	98.6	0.4	129	9.4	99.1	0.7	140
11/8/2006 10:00	10.0	98.7	0.7	214	9.8	99.0	0.7	209
11/8/2006 11:00	10.4	98.4	0.4	201	10.4	98.8	0.6	207
11/8/2006 12:00	11.5	89.0	0.9	169	11.2	92.2	1.0	149
11/8/2006 13:00	12.5	84.4	1.1	187	12.4	82.9	1.0	170
11/8/2006 14:00	12.7	83.1	1.5	220	13.1	82.2	2.2	216
11/8/2006 15:00	12.7	80.5	1.7	225	12.9	82.4	2.3	205
11/8/2006 16:00	12.8	78.7	1.6	246	12.8	81.0	2.4	217
11/8/2006 17:00	12.5	81.2	1.6	233	12.4	82.8	2.4	204
11/8/2006 18:00	11.7	83.7	1.9	218	11.5	85.2	2.9	218
11/8/2006 19:00	11.0	87.5	2.1	211	10.7	88.7	2.9	203
11/8/2006 20:00	10.0	89.3	2.3	208	9.7	91.0	3.1	207
11/8/2006 21:00	9.9	88.6	1.8	212	9.7	90.2	2.6	206
11/8/2006 22:00	10.2	88.5	1.5	207	9.9	89.9	2.1	199
11/8/2006 23:00	10.3	88.9	1.6	181	10.0	89.4	2.1	177
11/9/2006 0:00	10.4	86.8	2.4	196	10.2	87.7	3.2	189
11/9/2006 1:00	10.1	89.7	2.7	208	9.7	91.6	3.6	198
11/9/2006 2:00	9.6	90.3	2.1	188	9.1	92.4	2.3	182
11/9/2006 3:00	9.4	93.7	2.2	186	8.8	95.0	2.4	173
11/9/2006 4:00	8.3	95.9	1.8	179	8.1	95.9	2.5	174
11/9/2006 5:00	7.7	96.7	1.4	180	7.3	97.0	1.7	184
11/9/2006 6:00	7.4	96.9	1.2	175	7.2	96.3	1.9	178
11/9/2006 7:00	7.1	96.0	1.8	174	7.4	95.1	2.5	172
11/9/2006 8:00	7.6	95.0	2.2	181	7.6	95.8	2.8	176
11/9/2006 9:00	8.0	95.1	2.3	183	7.6	95.0	2.7	179

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/9/2006 10:00	9.0	91.0	2.7	188	9.0	90.2	3.5	183
11/9/2006 11:00	10.8	83.3	3.3	200	11.1	80.7	4.6	194
11/9/2006 12:00	13.3	74.2	3.2	220	13.9	72.5	4.6	204
11/9/2006 13:00	15.2	69.5	3.1	243	15.8	62.8	4.6	223
11/9/2006 14:00	16.7	63.6	3.1	241	17.4	62.3	4.6	223
11/9/2006 15:00	18.7	60.4	2.7	233	19.2	60.0	3.7	214
11/9/2006 16:00	20.2	52.2	2.9	232	20.0	53.4	3.8	199
11/9/2006 17:00	20.7	51.9	2.5	256	20.5	53.9	4.2	241
11/9/2006 18:00	19.9	50.2	1.9	272	19.5	50.3	2.6	255
11/9/2006 19:00	18.4	50.0	1.4	300	17.9	49.4	2.4	276
11/9/2006 20:00	16.3	58.9	0.7	300	16.5	54.9	1.6	281
11/9/2006 21:00	13.8	71.5	0.4	288	14.1	61.5	1.0	265
11/9/2006 22:00	12.8	82.2	1.5	352	12.9	83.7	2.6	332
11/9/2006 23:00	9.9	84.4	1.4	30	9.6	82.3	3.7	18
11/10/2006 0:00	8.8	86.3	1.2	12	9.0	82.9	2.8	359
11/10/2006 1:00	8.1	87.0	1.3	358	8.4	84.1	2.5	358
11/10/2006 2:00	7.5	88.5	1.6	346	7.6	86.5	1.4	336
11/10/2006 3:00	6.8	84.6	1.4	352	7.1	86.9	1.2	341
11/10/2006 4:00	6.6	82.6	1.3	352	6.7	79.5	1.5	341
11/10/2006 5:00	5.7	83.7	1.0	2	6.2	79.2	1.8	354
11/10/2006 6:00	4.8	86.7	0.6	5	5.3	82.5	1.3	12
11/10/2006 7:00	4.1	88.6	0.5	6	4.8	83.8	1.3	13
11/10/2006 8:00	3.7	87.9	0.6	7	4.4	83.6	1.3	7
11/10/2006 9:00	4.1	80.6	0.9	19	4.3	79.1	1.8	18
11/10/2006 10:00	6.0	78.2	1.0	42	5.6	77.4	1.9	34
11/10/2006 11:00	7.0	76.6	2.2	78	6.4	77.5	3.7	62
11/10/2006 12:00	8.4	66.0	2.3	72	6.9	72.3	3.5	58
11/10/2006 13:00	10.0	61.4	2.3	62	8.2	70.2	3.2	56
11/10/2006 14:00	11.1	60.0	2.7	57	8.5	70.0	3.6	52
11/10/2006 15:00	12.6	62.7	2.2	54	8.7	71.9	3.5	38
11/10/2006 16:00	12.3	59.7	2.5	53	8.8	71.1	3.8	36
11/10/2006 17:00	11.1	72.4	2.5	58	8.7	73.9	3.5	35
11/10/2006 18:00	8.9	76.4	2.5	53	8.2	77.0	4.2	39
11/10/2006 19:00	8.4	79.1	2.3	61	8.0	78.2	4.0	47
11/10/2006 20:00	8.1	78.6	2.8	82	7.5	78.2	4.8	60
11/10/2006 21:00	7.7	81.0	2.6	64	7.1	82.0	4.2	47
11/10/2006 22:00	7.5	85.0	2.5	69	7.1	85.5	4.0	47
11/10/2006 23:00	8.0	87.8	2.5	94	7.8	88.2	3.7	68
11/11/2006 0:00	9.1	87.6	2.5	98	8.9	87.5	3.5	72
11/11/2006 1:00	9.8	90.9	2.1	21	9.6	92.5	3.6	13
11/11/2006 2:00	7.9	93.4	3.5	334	7.6	92.5	4.7	313
11/11/2006 3:00	6.5	92.7	2.9	3	6.2	91.8	4.5	356
11/11/2006 4:00	6.6	92.0	1.7	8	6.3	90.4	3.2	1

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/11/2006 5:00	6.8	90.4	2.2	344	6.5	90.3	2.9	327
11/11/2006 6:00	6.8	92.2	2.6	333	6.5	92.6	3.4	315
11/11/2006 7:00	6.6	94.3	2.2	339	6.3	95.0	3.4	329
11/11/2006 8:00	6.5	91.3	3.3	343	6.2	92.5	4.1	330
11/11/2006 9:00	6.2	92.5	3.3	345	5.9	91.2	3.8	329
11/11/2006 10:00	6.2	90.9	2.7	334	5.9	91.7	3.5	319
11/11/2006 11:00	5.8	89.5	2.6	333	5.4	89.9	3.5	315
11/11/2006 12:00	6.2	85.3	3.0	340	5.8	85.7	4.6	325
11/11/2006 13:00	6.1	83.1	3.5	337	5.8	82.1	4.2	319
11/11/2006 14:00	6.2	79.7	3.6	337	5.9	80.1	4.7	322
11/11/2006 15:00	6.1	81.5	3.6	339	5.8	80.3	4.9	325
11/11/2006 16:00	5.9	79.3	3.7	338	5.5	78.2	4.8	324
11/11/2006 17:00	5.8	78.4	3.4	335	5.5	78.1	4.2	316
11/11/2006 18:00	5.6	77.5	3.7	336	5.4	77.2	5.2	323
11/11/2006 19:00	5.1	79.3	4.0	339	4.8	77.0	5.5	327
11/11/2006 20:00	4.8	75.3	3.6	338	4.6	73.4	4.7	324
11/11/2006 21:00	4.3	77.3	3.1	334	4.0	77.6	4.0	311
11/11/2006 22:00	4.1	77.2	3.1	335	3.9	77.3	3.9	313
11/11/2006 23:00	3.9	76.8	3.2	334	3.6	76.5	4.4	316
11/12/2006 0:00	3.6	77.6	3.2	339	3.4	76.7	4.2	319
11/12/2006 1:00	3.3	79.7	3.0	345	3.0	79.3	3.6	330
11/12/2006 2:00	3.3	79.1	2.8	338	3.0	78.9	4.0	323
11/12/2006 3:00	3.2	77.7	2.9	336	2.8	77.9	3.5	316
11/12/2006 4:00	3.2	76.8	2.8	337	2.9	76.1	4.0	319
11/12/2006 5:00	2.8	79.2	2.7	342	2.5	79.1	3.7	326
11/12/2006 6:00	2.5	81.2	2.7	341	2.2	80.8	4.1	328
11/12/2006 7:00	2.0	82.1	2.2	342	1.8	81.9	3.0	325
11/12/2006 8:00	2.2	82.0	2.2	348	2.0	82.3	2.7	341
11/12/2006 9:00	2.4	82.8	2.1	348	2.1	82.2	2.4	340
11/12/2006 10:00	2.8	81.2	1.7	339	2.4	82.0	2.6	323
11/12/2006 11:00	3.3	80.6	1.8	346	2.7	80.9	2.5	329
11/12/2006 12:00	3.9	76.6	1.6	337	3.2	76.9	2.1	323
11/12/2006 13:00	5.1	69.7	1.8	2	4.2	70.9	2.3	344
11/12/2006 14:00	5.8	68.6	1.6	358	4.8	70.8	2.1	336
11/12/2006 15:00	6.2	66.4	1.5	16	5.1	66.3	2.0	343
11/12/2006 16:00	6.8	62.6	1.5	23	5.5	64.2	1.7	6
11/12/2006 17:00	7.1	67.5	1.3	62	5.7	68.2	1.6	42
11/12/2006 18:00	6.4	71.2	1.2	87	5.4	70.6	1.8	56
11/12/2006 19:00	5.2	75.3	1.1	92	4.8	72.6	1.6	61
11/12/2006 20:00	4.4	77.2	0.7	107	4.5	71.9	1.6	69
11/12/2006 21:00	4.4	74.2	1.5	95	4.3	75.3	2.3	62
11/12/2006 22:00	4.7	76.2	1.2	119	4.2	76.6	1.8	105
11/12/2006 23:00	4.5	76.6	1.3	120	3.9	76.8	1.8	101

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/13/2006 0:00	4.1	78.6	1.4	116	3.6	77.1	1.9	94
11/13/2006 1:00	3.7	78.6	1.3	122	3.2	80.8	1.7	109
11/13/2006 2:00	3.7	80.4	0.6	134	3.2	81.4	1.2	103
11/13/2006 3:00	4.0	82.4	0.4	122	3.4	82.8	1.0	111
11/13/2006 4:00	4.0	82.6	1.1	149	3.6	82.6	1.6	148
11/13/2006 5:00	4.1	84.1	1.2	148	3.6	83.9	2.0	138
11/13/2006 6:00	4.1	84.3	1.1	141	3.6	84.9	1.3	111
11/13/2006 7:00	4.3	84.6	0.8	141	3.7	85.7	1.7	132
11/13/2006 8:00	4.0	84.3	1.7	178	3.8	84.2	2.6	176
11/13/2006 9:00	4.2	83.6	1.1	155	3.7	83.9	2.3	137
11/13/2006 10:00	4.3	83.3	1.9	181	4.1	84.2	2.3	172
11/13/2006 11:00	4.6	81.4	2.1	171	4.3	81.8	3.1	165
11/13/2006 12:00	4.7	81.9	2.5	175	4.5	82.5	3.2	162
11/13/2006 13:00	4.9	82.3	2.3	168	4.6	82.0	3.6	161
11/13/2006 14:00	5.1	81.7	2.2	164	4.6	80.7	3.5	151
11/13/2006 15:00	5.3	79.2	2.2	167	4.8	80.8	3.7	153
11/13/2006 16:00	5.0	80.1	2.5	183	4.8	79.5	3.3	176
11/13/2006 17:00	4.9	79.6	2.0	188	4.6	80.5	2.9	178
11/13/2006 18:00	4.9	78.4	1.7	202	4.6	80.5	2.4	189
11/13/2006 19:00	4.8	75.7	1.4	216	4.5	79.5	1.9	210
11/13/2006 20:00	4.7	77.8	0.6	204	4.2	80.5	0.8	200
11/13/2006 21:00	4.5	80.4	0.4	172	4.0	84.2	0.5	184
11/13/2006 22:00	4.6	82.5	0.3	242	3.9	81.9	0.5	226
11/13/2006 23:00	4.4	79.6	0.6	224	3.9	83.9	0.9	220
11/14/2006 0:00	4.0	83.4	0.5	209	3.5	85.9	0.7	187
11/14/2006 1:00	2.8	89.5	0.3	52	2.5	90.7	0.5	293
11/14/2006 2:00	1.8	89.9	0.3	353	1.8	89.9	0.6	303
11/14/2006 3:00	0.8	91.7	0.1	308	0.7	93.8	0.4	275
11/14/2006 4:00	0.4	93.1	0.1	143	-0.1	94.4	0.3	272
11/14/2006 5:00	0.9	92.9	0.1	208	0.6	94.0	0.2	238
11/14/2006 6:00	2.1	90.2	0.3	245	1.6	93.2	0.6	235
11/14/2006 7:00	3.2	90.7	0.3	328	2.7	87.3	0.8	294
11/14/2006 8:00	3.1	88.2	0.2	249	3.0	91.1	0.6	290
11/14/2006 9:00	3.5	88.2	0.2	120	3.1	90.9	0.4	228
11/14/2006 10:00	4.0	83.9	0.3	223	3.9	87.2	0.7	224
11/14/2006 11:00	5.0	76.1	0.6	71	4.7	77.1	0.8	142
11/14/2006 12:00	6.6	68.5	1.0	60	5.6	70.0	1.2	37
11/14/2006 13:00	8.1	66.6	1.2	63	6.7	68.3	1.3	45
11/14/2006 14:00	8.4	66.0	0.9	68	7.2	68.8	1.2	61
11/14/2006 15:00	7.5	70.7	0.8	153	6.8	73.5	1.4	136
11/14/2006 16:00	6.6	77.0	1.7	177	6.3	78.4	2.3	171
11/14/2006 17:00	6.7	77.1	1.4	179	6.2	79.6	1.9	167
11/14/2006 18:00	6.0	80.1	1.7	179	5.8	82.3	2.1	180

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/14/2006 19:00	5.3	84.0	0.7	172	4.8	86.9	0.9	162
11/14/2006 20:00	4.3	89.4	0.1	117	3.9	92.1	0.1	148
11/14/2006 21:00	4.6	87.2	0.3	128	4.3	88.3	0.3	113
11/14/2006 22:00	4.7	86.9	0.2	87	4.6	88.0	0.3	94
11/14/2006 23:00	4.1	88.4	0.3	154	3.8	89.4	0.6	136
11/15/2006 0:00	3.8	89.4	0.3	139	3.3	89.9	0.6	112
11/15/2006 1:00	2.9	91.7	0.2	183	2.0	95.0	0.2	164
11/15/2006 2:00	2.0	91.7	0.0	353	1.9	94.0	0.1	315
11/15/2006 3:00	1.5	93.2	0.1	180	1.3	94.6	0.3	351
11/15/2006 4:00	1.5	94.5	0.0	179	1.8	94.6	0.3	36
11/15/2006 5:00	2.7	93.2	0.2	67	2.6	94.6	0.2	18
11/15/2006 6:00	2.9	94.3	0.1	129	2.8	95.1	0.1	72
11/15/2006 7:00	3.7	93.1	0.3	10	3.6	92.5	0.5	29
11/15/2006 8:00	4.2	92.2	0.6	47	3.9	91.8	0.8	39
11/15/2006 9:00	4.6	90.9	0.6	42	4.2	90.0	1.2	40
11/15/2006 10:00	5.4	86.6	0.9	54	4.8	88.2	1.6	40
11/15/2006 11:00	6.9	79.9	1.3	59	6.0	80.0	2.2	44
11/15/2006 12:00	8.0	74.1	2.2	60	7.0	77.1	3.2	41
11/15/2006 13:00	8.7	73.3	2.7	59	7.6	77.2	3.6	45
11/15/2006 14:00	9.2	75.1	2.2	48	8.0	78.9	3.5	39
11/15/2006 15:00	9.0	74.4	2.3	35	8.0	76.4	4.2	22
11/15/2006 16:00	8.7	75.7	2.0	44	8.0	76.8	3.8	30
11/15/2006 17:00	8.5	79.2	2.4	52	8.0	79.9	3.6	37
11/15/2006 18:00	7.9	83.0	2.3	57	7.6	82.4	3.6	41
11/15/2006 19:00	7.2	88.0	2.1	60	6.9	86.6	3.7	45
11/15/2006 20:00	6.9	91.3	2.3	41	6.6	90.1	4.0	30
11/15/2006 21:00	6.9	89.8	2.4	31	6.6	89.3	4.7	22
11/15/2006 22:00	6.7	91.3	3.0	21	6.3	90.5	5.5	14
11/15/2006 23:00	6.5	91.5	3.1	24	6.2	91.6	5.3	15
11/16/2006 0:00	6.5	92.6	3.5	31	6.1	91.8	5.5	21
11/16/2006 1:00	6.3	93.7	3.5	36	5.9	93.5	6.2	22
11/16/2006 2:00	6.2	94.7	3.2	29	5.8	94.1	5.8	22
11/16/2006 3:00	6.3	94.7	2.7	26	5.9	95.3	5.2	19
11/16/2006 4:00	6.3	95.5	2.3	7	5.9	95.6	4.6	4
11/16/2006 5:00	6.3	94.8	2.5	8	5.9	94.8	4.6	0
11/16/2006 6:00	6.5	95.5	2.5	6	6.1	95.2	5.0	360
11/16/2006 7:00	6.8	95.8	2.9	2	6.5	95.7	4.7	360
11/16/2006 8:00	6.9	95.3	3.2	1	6.6	94.7	5.5	357
11/16/2006 9:00	7.0	94.8	3.0	358	6.8	93.9	5.4	358
11/16/2006 10:00	7.1	95.3	3.1	0	6.9	95.1	5.1	358
11/16/2006 11:00	7.3	95.9	2.6	1	7.0	95.0	4.3	357
11/16/2006 12:00	7.6	93.3	3.5	0	7.3	92.9	5.4	356
11/16/2006 13:00	7.9	93.9	2.5	359	7.6	93.4	3.8	353

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/16/2006 14:00	7.7	93.8	3.9	355	7.4	93.1	5.4	347
11/16/2006 15:00	8.2	89.4	2.7	356	7.8	89.3	3.4	348
11/16/2006 16:00	8.1	88.0	3.1	347	7.8	87.8	3.7	331
11/16/2006 17:00	7.7	93.0	2.7	346	7.4	91.9	3.6	327
11/16/2006 18:00	7.1	91.5	2.8	340	6.9	89.9	3.8	329
11/16/2006 19:00	6.6	87.5	3.1	338	6.4	87.9	4.2	326
11/16/2006 20:00	6.0	85.6	3.2	340	5.7	86.0	4.1	323
11/16/2006 21:00	5.8	87.8	2.3	334	5.5	90.4	2.8	313
11/16/2006 22:00	5.0	93.7	2.2	317	4.6	94.5	3.1	295
11/16/2006 23:00	4.2	93.2	2.3	314	3.9	93.8	3.4	292
11/17/2006 0:00	3.5	91.3	2.6	313	3.2	92.3	4.0	291
11/17/2006 1:00	3.1	92.1	2.4	309	2.7	92.2	3.4	287
11/17/2006 2:00	2.6	91.9	2.4	303	2.3	92.3	3.8	278
11/17/2006 3:00	2.2	93.6	2.6	301	2.0	93.9	3.5	276
11/17/2006 4:00	2.5	91.9	1.6	302	2.2	91.3	2.7	274
11/17/2006 5:00	2.9	87.3	1.9	292	2.6	86.2	3.3	271
11/17/2006 6:00	3.0	82.0	2.1	280	2.7	82.4	3.5	262
11/17/2006 7:00	3.0	78.3	2.0	269	2.8	78.8	3.8	252
11/17/2006 8:00	3.2	78.8	2.0	271	2.9	78.1	4.1	256
11/17/2006 9:00	3.2	75.2	2.1	264	3.0	76.9	3.8	250
11/17/2006 10:00	3.4	74.6	2.2	272	3.2	72.2	4.1	253
11/17/2006 11:00	3.4	69.8	2.8	276	3.2	69.3	4.8	252
11/17/2006 12:00	3.7	68.0	2.5	287	3.4	68.8	4.0	266
11/17/2006 13:00	4.4	65.3	2.4	284	4.2	65.3	4.3	258
11/17/2006 14:00	5.0	62.1	2.4	278	4.8	63.3	4.6	252
11/17/2006 15:00	5.9	58.2	2.5	270	5.6	59.6	4.5	254
11/17/2006 16:00	5.8	60.4	2.3	274	5.6	60.2	4.0	254
11/17/2006 17:00	5.8	59.1	2.1	261	5.5	60.4	3.8	247
11/17/2006 18:00	5.6	61.3	1.6	269	5.3	63.2	2.5	251
11/17/2006 19:00	5.4	62.3	1.2	260	5.0	62.6	2.6	239
11/17/2006 20:00	5.3	64.1	1.1	268	4.9	65.8	2.1	255
11/17/2006 21:00	5.3	63.9	0.9	275	4.9	64.4	1.8	260
11/17/2006 22:00	5.3	70.9	0.3	299	4.9	63.5	1.0	284
11/17/2006 23:00	5.0	76.0	0.1	199	4.7	74.1	0.6	210
11/18/2006 0:00	5.0	74.9	0.4	202	4.6	72.9	0.8	189
11/18/2006 1:00	4.9	76.7	0.1	121	4.6	78.7	0.3	148
11/18/2006 2:00	4.7	79.3	0.3	158	4.3	81.8	0.5	148
11/18/2006 3:00	4.4	77.4	0.7	194	4.2	79.4	1.2	189
11/18/2006 4:00	4.5	77.2	0.6	238	4.2	82.5	0.6	209
11/18/2006 5:00	4.2	80.4	0.6	237	4.0	84.0	0.7	216
11/18/2006 6:00	4.0	86.2	0.1	254	3.5	87.9	0.2	214
11/18/2006 7:00	3.8	86.4	0.2	201	3.3	89.4	0.4	185
11/18/2006 8:00	3.9	89.5	0.0	190	3.3	87.7	0.2	213

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/18/2006 9:00	4.0	87.2	0.2	31	3.3	86.0	0.5	22
11/18/2006 10:00	4.6	74.4	0.1	14	4.2	73.5	0.4	356
11/18/2006 11:00	6.0	65.8	0.8	30	5.1	65.1	1.3	23
11/18/2006 12:00	6.5	62.5	1.3	18	5.5	67.1	1.8	29
11/18/2006 13:00	7.3	61.4	1.5	55	5.7	66.7	2.1	30
11/18/2006 14:00	7.0	62.3	1.3	57	5.7	62.1	1.8	40
11/18/2006 15:00	6.9	62.6	1.4	356	6.1	59.1	1.5	337
11/18/2006 16:00	6.9	63.3	1.5	351	6.2	60.6	1.8	343
11/18/2006 17:00	6.8	61.5	1.3	351	6.1	61.0	1.8	337
11/18/2006 18:00	6.4	67.3	1.1	14	5.8	63.2	2.1	354
11/18/2006 19:00	6.0	67.5	0.9	42	5.4	66.9	1.6	26
11/18/2006 20:00	5.9	65.7	0.7	21	5.4	62.7	1.5	15
11/18/2006 21:00	5.7	62.1	1.5	358	5.4	60.8	2.0	344
11/18/2006 22:00	5.5	61.2	1.6	344	5.1	62.1	2.0	326
11/18/2006 23:00	5.4	63.0	1.4	347	5.1	59.4	2.0	332
11/19/2006 0:00	5.3	65.6	0.7	331	4.9	63.9	1.2	315
11/19/2006 1:00	4.4	70.3	0.7	314	4.2	68.4	0.9	295
11/19/2006 2:00	4.6	71.9	1.1	339	4.1	71.7	1.2	316
11/19/2006 3:00	4.6	70.4	1.1	332	4.1	71.5	1.2	307
11/19/2006 4:00	4.6	71.8	1.1	334	4.2	69.8	1.0	319
11/19/2006 5:00	4.6	71.8	0.9	339	4.1	73.5	1.8	328
11/19/2006 6:00	4.5	75.2	1.4	333	4.0	76.6	1.8	306
11/19/2006 7:00	4.3	78.6	1.7	331	3.9	79.6	2.3	305
11/19/2006 8:00	4.0	77.5	1.9	332	3.7	77.1	2.9	313
11/19/2006 9:00	3.8	76.5	2.1	335	3.5	76.5	2.8	309
11/19/2006 10:00	4.1	75.9	2.0	334	3.7	76.6	2.8	311
11/19/2006 11:00	4.0	76.1	2.6	334	3.7	76.6	3.2	316
11/19/2006 12:00	4.0	76.1	2.5	342	3.5	77.3	3.8	327
11/19/2006 13:00	4.0	86.3	2.5	334	3.6	86.2	3.3	316
11/19/2006 14:00	3.6	80.7	2.6	332	3.1	84.4	3.1	324
11/19/2006 15:00	3.3	81.7	2.8	330	3.0	81.8	3.3	319
11/19/2006 16:00	3.1	84.2	2.4	330	2.7	84.5	3.2	310
11/19/2006 17:00	2.6	85.9	2.2	340	2.1	87.9	2.6	320
11/19/2006 18:00	2.3	85.1	2.2	332	1.8	84.5	2.6	313
11/19/2006 19:00	2.0	80.9	2.2	333	1.6	82.0	2.7	307
11/19/2006 20:00	2.3	77.2	2.5	334	2.0	76.0	3.1	316
11/19/2006 21:00	2.0	77.9	2.8	336	1.8	76.9	4.2	325
11/19/2006 22:00	1.8	80.3	2.3	331	1.5	81.5	3.1	310
11/19/2006 23:00	1.9	74.3	2.2	334	1.6	73.2	2.7	314
11/20/2006 0:00	1.9	73.4	2.4	333	1.6	72.7	3.2	310
11/20/2006 1:00	1.9	78.0	2.0	325	1.5	77.4	2.6	304
11/20/2006 2:00	1.7	77.4	1.7	319	1.4	78.2	2.2	300
11/20/2006 3:00	1.5	75.3	1.5	315	1.1	74.9	2.4	292

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/20/2006 4:00	1.1	75.2	1.7	316	0.8	75.2	2.4	297
11/20/2006 5:00	0.8	73.7	1.7	325	0.4	74.8	2.5	299
11/20/2006 6:00	0.9	69.4	1.8	327	0.5	68.6	2.6	304
11/20/2006 7:00	0.8	71.3	2.2	333	0.5	69.3	2.8	312
11/20/2006 8:00	-0.2	76.2	1.8	342	-0.2	73.9	2.9	333
11/20/2006 9:00	-0.6	74.6	1.8	336	-0.7	74.4	2.5	311
11/20/2006 10:00	0.3	66.0	1.3	336	0.3	63.0	1.8	323
11/20/2006 11:00	2.1	61.5	1.7	354	1.8	60.4	2.2	339
11/20/2006 12:00	3.7	54.3	2.0	350	3.1	53.7	2.6	336
11/20/2006 13:00	4.7	53.5	2.4	334	4.0	52.6	3.1	332
11/20/2006 14:00	5.6	49.5	2.1	341	4.5	52.5	2.6	326
11/20/2006 15:00	6.5	41.1	1.8	333	4.7	47.0	2.5	335
11/20/2006 16:00	8.0	44.7	1.6	348	4.9	50.3	1.8	341
11/20/2006 17:00	7.2	46.1	1.6	344	4.8	51.7	1.8	340
11/20/2006 18:00	5.8	61.4	1.3	62	4.3	61.7	1.8	57
11/20/2006 19:00	4.3	61.3	1.0	104	3.8	61.8	1.3	79
11/20/2006 20:00	4.0	68.0	0.7	149	3.5	70.6	0.9	128
11/20/2006 21:00	3.7	66.2	0.5	183	3.3	70.7	0.5	181
11/20/2006 22:00	3.7	66.9	0.3	203	3.3	71.5	0.2	225
11/20/2006 23:00	3.7	68.5	0.4	157	3.2	74.2	0.5	162
11/21/2006 0:00	3.5	73.1	0.2	138	2.8	74.0	0.8	142
11/21/2006 1:00	2.8	76.4	0.5	175	2.6	72.3	0.8	144
11/21/2006 2:00	1.5	79.4	0.5	118	1.7	74.7	0.5	116
11/21/2006 3:00	2.3	70.9	0.7	194	2.1	70.1	1.1	187
11/21/2006 4:00	2.3	72.0	1.1	218	1.9	75.4	1.5	204
11/21/2006 5:00	1.0	75.2	1.0	221	0.3	79.4	1.5	217
11/21/2006 6:00	0.4	75.5	0.9	230	-0.3	79.8	1.5	214
11/21/2006 7:00	-0.1	84.5	0.7	184	-0.6	83.4	1.1	187
11/21/2006 8:00	-1.1	86.6	0.5	189	-1.1	88.6	0.8	187
11/21/2006 9:00	-2.0	88.9	0.2	154	-1.6	89.9	0.3	122
11/21/2006 10:00	0.1	74.1	0.9	184	0.3	73.7	1.3	185
11/21/2006 11:00	2.5	63.9	2.1	205	3.0	62.3	2.7	203
11/21/2006 12:00	3.9	57.5	3.1	205	4.7	56.1	4.1	188
11/21/2006 13:00	4.9	57.8	3.3	195	5.7	60.2	4.1	190
11/21/2006 14:00	5.6	56.8	3.6	178	5.7	58.4	4.7	167
11/21/2006 15:00	6.3	54.5	3.3	175	6.1	58.6	4.2	170
11/21/2006 16:00	6.2	59.3	3.5	190	5.9	62.2	4.3	174
11/21/2006 17:00	5.2	63.4	2.8	176	5.0	64.9	3.6	171
11/21/2006 18:00	4.6	70.0	1.6	168	4.3	71.2	2.1	157
11/21/2006 19:00	3.8	75.2	0.9	167	3.3	75.9	1.1	149
11/21/2006 20:00	2.1	83.1	0.5	140	2.1	80.3	0.7	130
11/21/2006 21:00	1.7	83.1	0.7	143	1.2	83.0	1.3	135
11/21/2006 22:00	1.1	85.4	0.8	151	0.7	83.0	1.0	132

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/21/2006 23:00	1.1	82.7	1.0	161	0.8	84.0	1.1	137
11/22/2006 0:00	-0.2	89.7	0.3	104	0.8	86.2	0.3	76
11/22/2006 1:00	-1.0	91.5	0.1	348	-0.5	91.3	0.3	10
11/22/2006 2:00	-1.5	91.9	0.2	341	-1.2	91.4	0.3	354
11/22/2006 3:00	-1.5	90.5	0.2	329	-1.8	92.2	0.5	320
11/22/2006 4:00	-2.1	91.9	0.2	2	-1.9	93.5	0.4	28
11/22/2006 5:00	-2.5	91.6	0.1	115	-2.2	93.8	0.2	59
11/22/2006 6:00	-2.8	92.7	0.1	135	-2.4	93.9	0.2	23
11/22/2006 7:00	-2.7	92.2	0.4	330	-2.3	93.1	0.4	354
11/22/2006 8:00	-3.0	92.9	0.3	83	-2.3	93.7	0.4	34
11/22/2006 9:00	-3.0	92.0	0.4	6	-2.3	91.9	0.5	29
11/22/2006 10:00	-1.2	92.3	0.2	336	0.3	94.0	0.8	39
11/22/2006 11:00	2.2	92.8	0.7	44	1.8	88.1	0.8	22
11/22/2006 12:00	5.4	70.0	1.3	80	5.3	67.2	1.8	64
11/22/2006 13:00	8.1	55.2	2.3	83	7.2	55.9	2.6	83
11/22/2006 14:00	10.4	48.9	2.1	94	8.4	54.0	2.7	86
11/22/2006 15:00	11.9	44.6	2.2	102	9.5	51.8	2.2	101
11/22/2006 16:00	12.7	43.8	1.0	110	9.8	52.8	1.1	92
11/22/2006 17:00	13.1	49.6	1.2	111	9.5	57.2	1.4	64
11/22/2006 18:00	9.9	69.9	1.4	78	8.5	71.0	1.8	62
11/22/2006 19:00	6.0	83.3	0.8	60	6.6	78.7	1.2	48
11/22/2006 20:00	3.9	89.1	0.7	44	5.1	83.2	1.1	21
11/22/2006 21:00	2.3	92.0	0.1	352	3.4	89.4	0.3	341
11/22/2006 22:00	1.1	93.0	0.1	77	2.2	92.0	0.5	335
11/22/2006 23:00	0.7	92.4	0.1	311	0.9	94.4	0.3	291
11/23/2006 0:00	-0.1	92.6	0.1	161	0.6	93.5	0.3	318
11/23/2006 1:00	-0.4	93.0	0.3	320	-0.1	93.9	0.7	304
11/23/2006 2:00	-0.7	92.0	0.3	325	-0.5	94.8	0.6	316
11/23/2006 3:00	-1.1	92.7	0.2	325	-0.9	95.0	0.4	321
11/23/2006 4:00	-1.3	93.9	0.4	325	-1.0	95.5	0.6	325
11/23/2006 5:00	-1.0	92.9	0.6	337	-1.0	95.0	0.6	334
11/23/2006 6:00	-1.3	92.4	0.6	18	0.1	95.4	1.0	15
11/23/2006 7:00	-1.0	93.8	0.4	340	0.2	95.3	0.8	335
11/23/2006 8:00	-0.5	94.5	0.2	324	0.0	95.6	0.5	323
11/23/2006 9:00	1.2	95.4	0.1	335	1.4	97.4	0.4	354
11/23/2006 10:00	2.3	96.6	0.2	312	2.6	97.9	0.5	310
11/23/2006 11:00	3.3	97.3	0.8	23	2.7	98.2	1.0	342
11/23/2006 12:00	3.9	96.9	0.7	9	3.1	98.4	0.7	356
11/23/2006 13:00	4.7	92.9	0.4	330	4.0	98.3	0.5	91
11/23/2006 14:00	5.6	86.2	0.8	197	4.8	92.9	0.6	136
11/23/2006 15:00	7.1	70.0	1.0	196	6.6	76.6	1.1	180
11/23/2006 16:00	9.5	65.1	0.8	215	8.7	71.2	0.9	178
11/23/2006 17:00	9.6	72.8	1.0	206	8.6	80.8	1.6	186

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/23/2006 18:00	7.0	83.5	1.0	180	6.6	85.8	1.1	186
11/23/2006 19:00	3.4	92.7	0.2	188	4.2	94.1	0.4	208
11/23/2006 20:00	1.7	94.8	0.4	176	0.9	97.0	0.6	142
11/23/2006 21:00	-0.2	97.3	0.7	176	-0.3	97.5	0.8	183
11/23/2006 22:00	-0.2	97.5	0.4	160	-0.1	97.7	0.6	177
11/23/2006 23:00	-0.5	97.4	0.3	171	-0.5	97.6	0.4	193
11/24/2006 0:00	-1.0	97.5	0.3	158	-1.6	97.9	0.4	131
11/24/2006 1:00	-1.7	97.1	0.3	181	-2.1	97.6	0.3	148
11/24/2006 2:00	-2.0	96.1	0.1	203	-2.5	97.4	0.3	215
11/24/2006 3:00	-2.3	95.6	0.2	83	-2.5	97.0	0.3	119
11/24/2006 4:00	-2.4	95.4	0.2	188	-2.7	96.5	0.2	181
11/24/2006 5:00	-2.7	95.5	0.2	169	-2.8	96.9	0.4	134
11/24/2006 6:00	-2.5	96.8	0.5	156	-2.7	97.6	0.5	134
11/24/2006 7:00	-2.3	97.9	0.9	169	-2.2	98.0	1.3	161
11/24/2006 8:00	-0.9	97.9	0.6	172	-1.0	98.1	0.9	164
11/24/2006 9:00	0.1	98.3	1.3	173	-0.1	98.2	1.9	169
11/24/2006 10:00	0.9	98.7	1.3	187	0.7	98.4	1.6	161
11/24/2006 11:00	2.3	98.8	1.3	166	1.9	98.8	2.0	155
11/24/2006 12:00	4.0	96.3	1.5	159	3.6	96.8	2.2	147
11/24/2006 13:00	6.5	79.3	1.2	158	6.2	73.6	1.6	145
11/24/2006 14:00	10.7	57.7	1.3	154	9.1	61.4	2.0	144
11/24/2006 15:00	11.0	55.1	1.7	168	10.0	58.4	2.5	158
11/24/2006 16:00	10.8	54.6	1.6	168	9.4	64.3	2.2	141
11/24/2006 17:00	8.8	65.9	1.1	172	7.9	74.1	1.5	135
11/24/2006 18:00	5.8	83.2	0.7	139	5.6	83.1	1.0	113
11/24/2006 19:00	3.1	91.3	0.6	115	4.6	90.3	1.2	88
11/24/2006 20:00	2.5	94.2	0.4	131	3.8	94.9	0.9	100
11/24/2006 21:00	2.5	96.6	0.8	141	3.7	94.6	1.3	107
11/24/2006 22:00	4.1	93.3	1.0	156	4.5	92.0	1.3	108
11/24/2006 23:00	2.7	93.3	0.1	132	3.3	94.8	0.3	52
11/25/2006 0:00	2.1	94.2	0.3	172	2.4	95.8	0.1	84
11/25/2006 1:00	1.8	94.3	0.2	158	3.1	79.8	0.6	130
11/25/2006 2:00	1.9	91.6	0.2	158	3.4	76.6	1.0	135
11/25/2006 3:00	1.2	91.8	0.3	320	1.7	88.3	0.4	15
11/25/2006 4:00	0.9	91.6	0.0	83	1.2	86.4	0.3	75
11/25/2006 5:00	0.5	91.6	0.1	131	0.5	91.0	0.0	100
11/25/2006 6:00	0.5	90.8	0.4	152	0.3	84.1	0.8	141
11/25/2006 7:00	1.2	83.7	1.0	157	1.9	72.7	1.5	137
11/25/2006 8:00	2.1	82.4	0.8	160	2.7	73.9	1.2	147
11/25/2006 9:00	3.5	72.9	1.0	157	3.8	75.8	1.3	143
11/25/2006 10:00	6.0	68.8	1.6	167	6.1	66.5	1.8	151
11/25/2006 11:00	7.6	63.1	2.1	177	8.2	60.3	2.5	169
11/25/2006 12:00	10.1	52.8	2.3	183	10.5	55.0	3.4	175

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/25/2006 13:00	11.9	52.0	2.6	175	11.8	51.2	3.5	169
11/25/2006 14:00	12.9	49.7	2.9	175	12.9	51.2	3.7	170
11/25/2006 15:00	13.2	52.0	2.4	167	12.7	53.6	3.2	157
11/25/2006 16:00	12.9	54.8	1.9	168	12.5	57.3	2.3	155
11/25/2006 17:00	12.0	60.1	1.1	167	11.8	59.8	1.3	156
11/25/2006 18:00	10.5	65.0	1.1	161	10.4	64.0	1.3	144
11/25/2006 19:00	9.9	68.5	1.2	162	10.0	67.5	1.4	152
11/25/2006 20:00	10.3	61.4	1.5	167	10.6	57.9	2.3	167
11/25/2006 21:00	11.6	64.3	2.5	183	11.1	66.1	2.7	181
11/25/2006 22:00	11.2	61.1	2.4	181	10.5	62.7	2.6	178
11/25/2006 23:00	10.8	67.2	1.9	178	10.3	68.4	2.0	176
11/26/2006 0:00	10.9	68.7	1.5	176	10.2	69.3	1.5	176
11/26/2006 1:00	10.7	71.5	1.1	176	10.3	72.2	1.6	179
11/26/2006 2:00	9.9	75.4	1.0	167	9.7	74.1	1.9	172
11/26/2006 3:00	9.0	78.0	1.0	162	8.8	77.2	1.7	155
11/26/2006 4:00	8.2	80.2	1.0	163	7.8	78.9	1.3	154
11/26/2006 5:00	7.6	79.0	1.2	166	7.5	76.4	1.5	159
11/26/2006 6:00	7.2	80.7	1.0	165	7.7	73.8	2.2	167
11/26/2006 7:00	6.7	81.6	0.8	156	7.3	77.6	1.6	161
11/26/2006 8:00	6.2	83.2	0.7	154	6.3	80.9	1.1	147
11/26/2006 9:00	7.5	76.1	1.0	160	7.1	76.0	1.4	146
11/26/2006 10:00	9.1	68.7	2.0	176	9.2	69.0	2.6	167
11/26/2006 11:00	11.0	63.7	2.9	186	11.3	64.1	3.7	178
11/26/2006 12:00	12.2	61.3	2.4	187	12.6	59.0	3.2	177
11/26/2006 13:00	14.2	56.0	2.6	182	14.4	54.7	3.4	175
11/26/2006 14:00	15.3	57.0	2.4	182	15.1	56.2	3.2	176
11/26/2006 15:00	15.5	59.5	2.1	182	15.2	61.1	2.9	172
11/26/2006 16:00	15.2	64.1	1.6	172	14.8	66.2	2.2	170
11/26/2006 17:00	14.4	70.6	1.0	175	13.8	71.2	1.9	177
11/26/2006 18:00	12.1	78.1	0.9	163	11.5	79.1	1.6	146
11/26/2006 19:00	10.5	83.1	0.6	148	9.8	85.3	0.9	134
11/26/2006 20:00	9.1	87.7	0.4	141	8.4	87.6	0.7	127
11/26/2006 21:00	8.3	91.4	0.3	144	7.9	89.4	0.6	136
11/26/2006 22:00	7.6	90.7	0.8	157	7.3	91.6	1.1	136
11/26/2006 23:00	7.6	89.8	0.6	160	7.2	86.4	0.6	179
11/27/2006 0:00	7.6	88.6	0.7	156	7.6	86.7	1.0	150
11/27/2006 1:00	7.9	89.9	0.6	147	7.4	88.3	1.0	139
11/27/2006 2:00	8.0	88.5	0.9	159	7.7	87.4	1.3	156
11/27/2006 3:00	7.8	90.0	0.6	152	7.6	90.9	1.0	134
11/27/2006 4:00	7.7	91.0	0.8	155	7.5	91.0	1.3	143
11/27/2006 5:00	8.0	91.0	0.9	158	7.6	91.1	1.4	142
11/27/2006 6:00	8.1	91.7	0.8	158	7.8	91.5	1.3	140
11/27/2006 7:00	8.3	90.7	1.0	158	7.9	91.3	1.4	145

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Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/27/2006 8:00	8.2	91.3	1.0	158	7.8	91.3	1.5	141
11/27/2006 9:00	8.7	88.2	1.0	171	8.4	89.2	1.3	168
11/27/2006 10:00	9.8	83.2	1.6	169	9.8	82.1	2.3	162
11/27/2006 11:00	11.4	78.5	2.1	183	11.3	78.2	3.1	176
11/27/2006 12:00	12.5	73.6	1.7	181	12.4	74.1	2.7	181
11/27/2006 13:00	13.9	70.6	2.2	184	13.6	70.2	2.6	169
11/27/2006 14:00	15.5	67.6	2.5	190	15.4	69.0	3.5	179
11/27/2006 15:00	15.6	70.8	2.8	186	15.0	72.5	3.7	172
11/27/2006 16:00	14.6	73.8	2.2	183	14.2	75.4	2.8	175
11/27/2006 17:00	14.1	78.2	1.4	181	13.6	80.0	1.9	174
11/27/2006 18:00	12.8	82.7	1.0	174	11.8	86.3	1.1	175
11/27/2006 19:00	11.8	85.5	1.0	163	11.1	86.9	1.4	160
11/27/2006 20:00	12.3	83.1	1.3	183	11.9	86.2	1.9	173
11/27/2006 21:00	12.1	88.9	0.9	187	11.1	90.4	1.0	193
11/27/2006 22:00	10.4	92.2	0.7	157	10.1	93.1	1.2	144
11/27/2006 23:00	10.5	88.4	1.1	166	10.1	86.1	1.7	159
11/28/2006 0:00	10.8	86.4	1.2	171	10.7	86.8	1.5	177
11/28/2006 1:00	10.7	86.9	0.8	158	10.3	87.9	1.3	152
11/28/2006 2:00	10.7	86.4	1.1	165	10.1	88.4	1.5	146
11/28/2006 3:00	10.6	85.5	0.9	164	10.1	86.7	1.2	149
11/28/2006 4:00	10.6	84.5	0.9	158	10.1	86.4	1.3	141
11/28/2006 5:00	10.6	83.7	1.1	161	10.2	83.8	1.7	148
11/28/2006 6:00	10.7	82.8	1.0	159	10.3	83.7	1.5	143
11/28/2006 7:00	9.9	83.5	1.1	163	9.3	85.0	1.3	144
11/28/2006 8:00	9.7	81.8	1.2	161	9.3	82.8	1.7	144
11/28/2006 9:00	10.1	79.6	1.4	159	9.6	80.0	1.9	142
11/28/2006 10:00	10.2	74.6	1.6	159	9.8	76.2	2.1	142
11/28/2006 11:00	11.8	64.8	2.2	165	11.6	60.9	3.2	149
11/28/2006 12:00	13.2	56.2	2.7	174	13.1	58.3	3.8	169
11/28/2006 13:00	14.6	48.3	2.7	168	14.3	51.3	3.5	165
11/28/2006 14:00	15.6	47.5	3.2	173	14.9	51.3	4.2	165
11/28/2006 15:00	16.0	48.7	3.1	173	15.3	49.0	4.3	168
11/28/2006 16:00	15.6	53.6	2.5	169	14.9	56.7	3.3	164
11/28/2006 17:00	13.6	62.1	2.1	166	13.2	64.4	2.5	154
11/28/2006 18:00	12.7	65.0	2.2	167	12.3	66.4	2.5	154
11/28/2006 19:00	12.6	66.1	2.0	164	12.3	67.2	2.3	153
11/28/2006 20:00	12.9	68.7	2.4	170	12.9	68.4	3.1	157
11/28/2006 21:00	13.2	69.0	3.0	170	13.3	68.7	4.1	163
11/28/2006 22:00	12.8	74.1	2.7	169	12.7	73.2	3.6	163
11/28/2006 23:00	12.2	76.5	2.7	169	12.1	74.6	3.9	169
11/29/2006 0:00	11.9	74.8	2.9	170	11.9	73.9	3.8	170
11/29/2006 1:00	12.3	76.5	2.8	171	12.2	74.9	3.6	171
11/29/2006 2:00	12.3	75.6	2.6	169	12.4	75.0	3.4	163

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Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/29/2006 3:00	13.2	77.8	3.6	174	13.0	77.6	4.2	170
11/29/2006 4:00	13.2	82.0	3.2	170	13.1	81.8	4.2	164
11/29/2006 5:00	13.1	84.8	2.8	169	13.2	84.7	4.0	165
11/29/2006 6:00	13.5	86.3	2.8	171	13.4	85.8	3.5	166
11/29/2006 7:00	13.4	87.4	2.8	169	13.2	87.8	3.5	162
11/29/2006 8:00	13.5	88.9	2.4	173	13.2	89.5	3.2	169
11/29/2006 9:00	13.4	92.5	3.3	178	13.2	93.3	4.1	175
11/29/2006 10:00	13.7	92.3	3.2	179	13.5	92.1	3.7	179
11/29/2006 11:00	14.3	91.2	3.1	172	14.0	92.4	3.9	163
11/29/2006 12:00	15.4	86.3	3.1	176	15.1	86.6	3.8	169
11/29/2006 13:00	16.3	84.5	3.5	176	15.9	86.6	4.6	165
11/29/2006 14:00	16.7	85.5	3.7	186	16.5	83.5	4.6	172
11/29/2006 15:00	17.0	82.1	3.2	196	17.7	82.5	4.6	174
11/29/2006 16:00	17.3	85.4	3.2	176	17.0	86.4	4.3	168
11/29/2006 17:00	16.7	87.5	3.0	170	16.3	89.0	3.8	158
11/29/2006 18:00	16.6	87.7	3.6	175	16.4	88.8	4.9	167
11/29/2006 19:00	16.6	91.7	3.5	176	16.3	91.7	4.4	171
11/29/2006 20:00	16.6	91.6	3.3	179	16.2	91.0	4.4	172
11/29/2006 21:00	16.1	92.0	3.0	178	16.0	91.2	4.3	170
11/29/2006 22:00	15.9	91.3	3.5	184	15.9	91.0	4.6	172
11/29/2006 23:00	15.4	91.6	3.1	186	15.6	91.8	3.9	180
11/30/2006 0:00	14.8	93.9	2.8	186	14.9	91.8	2.3	190
11/30/2006 1:00	15.5	91.2	3.2	175	15.6	91.0	4.3	169
11/30/2006 2:00	15.9	91.1	3.7	178	15.6	91.7	4.4	170
11/30/2006 3:00	15.5	90.4	3.0	174	15.4	88.9	3.7	169
11/30/2006 4:00	15.4	90.0	3.9	175	15.2	91.2	4.4	165
11/30/2006 5:00	14.6	94.4	3.6	183	14.6	94.3	4.5	179
11/30/2006 6:00	14.3	94.7	2.9	173	14.3	94.0	3.5	174
11/30/2006 7:00	14.7	92.2	3.3	173	14.6	92.9	4.0	169
11/30/2006 8:00	14.6	94.9	3.2	200	14.6	95.0	4.0	187
11/30/2006 9:00	13.9	94.6	2.3	303	13.8	93.9	3.4	256
11/30/2006 10:00	10.5	95.3	2.8	357	9.8	95.6	3.7	348
11/30/2006 11:00	8.4	93.0	3.2	354	7.9	92.7	3.8	343
11/30/2006 12:00	7.5	91.8	3.2	357	7.1	92.4	3.9	345
11/30/2006 13:00	6.9	92.3	2.9	355	6.5	89.6	3.5	349
11/30/2006 14:00	6.4	92.9	2.8	348	5.9	90.7	3.8	334
11/30/2006 15:00	5.9	92.4	2.4	357	5.3	90.5	3.1	339
11/30/2006 16:00	5.6	93.0	2.4	356	5.2	92.2	3.0	352
11/30/2006 17:00	5.7	90.9	2.2	357	5.2	90.9	3.0	359
11/30/2006 18:00	5.1	91.4	3.0	355	4.7	89.6	3.9	345
11/30/2006 19:00	4.6	91.5	2.5	7	4.2	89.8	3.4	2
11/30/2006 20:00	4.0	92.3	2.9	2	3.6	90.3	4.2	358
11/30/2006 21:00	3.7	89.6	2.2	12	3.2	88.9	3.8	2

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
11/30/2006 22:00	3.4	93.6	2.8	7	2.9	93.1	4.4	357
11/30/2006 23:00	3.3	93.9	2.4	11	2.9	93.3	4.2	5
12/1/2006 0:00	3.3	93.4	2.4	13	3.0	93.4	4.3	7
12/1/2006 1:00	2.8	94.5	2.5	2	2.5	94.1	3.8	356
12/1/2006 2:00	2.3	92.9	2.9	1	1.9	93.1	4.7	356
12/1/2006 3:00	2.0	93.9	3.3	3	1.5	93.7	5.5	358
12/1/2006 4:00	2.0	94.5	2.8	7	1.6	92.1	5.1	3
12/1/2006 5:00	2.6	94.3	4.0	34	2.3	92.1	7.9	22
12/1/2006 6:00	2.0	94.2	4.6	35	1.5	92.8	7.5	24
12/1/2006 7:00	1.8	94.5	3.7	35	1.2	94.6	6.9	24
12/1/2006 8:00	1.9	95.1	3.9	42	1.5	94.4	6.9	31
12/1/2006 9:00	2.5	94.8	3.0	26	2.2	94.4	4.8	19
12/1/2006 10:00	3.4	93.8	3.1	38	3.0	93.7	5.9	33
12/1/2006 11:00	4.4	93.2	1.9	46	3.8	94.4	2.8	27
12/1/2006 12:00	5.8	82.3	3.5	179	5.4	84.2	4.1	172
12/1/2006 13:00	6.0	82.7	6.9	211	5.8	80.3	9.9	202
12/1/2006 14:00	4.7	68.5	7.0	215	4.6	72.1	10.0	206
12/1/2006 15:00	3.4	71.8	7.5	209	3.3	72.7	10.2	197
12/1/2006 16:00	2.0	76.5	6.1	214	1.9	77.7	9.0	204
12/1/2006 17:00	2.6	79.0	5.2	232	2.4	78.8	8.1	219
12/1/2006 18:00	2.3	78.2	4.6	269	2.1	77.6	7.8	245
12/1/2006 19:00	0.8	77.0	4.4	269	0.9	76.6	7.4	250
12/1/2006 20:00	0.9	71.9	4.0	264	0.7	69.6	7.2	245
12/1/2006 21:00	0.9	71.3	4.4	260	0.7	72.3	6.7	241
12/1/2006 22:00	1.3	74.3	3.0	259	1.0	74.9	5.5	239
12/1/2006 23:00	1.6	68.2	4.1	257	1.3	70.5	6.2	236
12/2/2006 0:00	1.3	61.4	4.6	272	1.1	63.0	6.7	252
12/2/2006 1:00	1.1	62.6	3.3	270	0.9	61.5	6.1	244
12/2/2006 2:00	1.0	58.8	3.7	257	0.8	60.0	6.2	236
12/2/2006 3:00	0.7	62.9	3.4	249	0.5	63.9	5.3	232
12/2/2006 4:00	0.5	66.3	3.6	244	0.2	66.8	5.2	231
12/2/2006 5:00	0.3	61.8	3.7	253	0.1	61.7	5.2	234
12/2/2006 6:00	0.2	59.3	3.5	261	0.0	60.6	5.5	245
12/2/2006 7:00	0.2	62.3	3.4	266	-0.1	62.7	5.7	246
12/2/2006 8:00	0.1	69.4	2.5	252	-0.2	69.7	4.6	238
12/2/2006 9:00	-0.2	68.0	2.5	245	-0.4	68.2	3.9	234
12/2/2006 10:00	0.1	65.9	2.7	250	-0.1	66.8	4.7	234
12/2/2006 11:00	0.3	65.7	2.6	239	0.1	65.8	4.4	228
12/2/2006 12:00	-0.3	73.0	3.3	217	-0.4	72.2	4.7	202
12/2/2006 13:00	0.3	68.5	3.3	229	0.4	67.4	4.7	214
12/2/2006 14:00	0.7	68.3	3.0	223	0.6	67.3	4.5	209
12/2/2006 15:00	1.0	64.3	3.5	205	1.2	66.0	4.4	197
12/2/2006 16:00	1.5	63.4	3.1	211	1.2	67.2	4.0	204

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/2/2006 17:00	1.1	70.0	2.6	207	0.8	75.0	3.0	201
12/2/2006 18:00	0.3	71.5	2.5	201	-0.1	74.9	3.2	196
12/2/2006 19:00	0.0	70.9	2.2	199	-0.4	76.2	3.2	197
12/2/2006 20:00	-0.1	73.5	2.7	194	-0.4	74.9	3.4	186
12/2/2006 21:00	0.0	73.2	3.3	203	-0.2	74.9	4.4	195
12/2/2006 22:00	-0.1	73.2	3.1	203	-0.4	77.3	4.1	194
12/2/2006 23:00	-0.1	72.6	2.7	210	-0.6	74.3	3.3	200
12/3/2006 0:00	-0.3	73.8	2.7	219	-0.5	75.5	4.1	212
12/3/2006 1:00	-0.6	76.7	2.7	224	-0.8	78.4	4.0	215
12/3/2006 2:00	-1.0	79.5	2.3	218	-1.3	81.1	3.2	213
12/3/2006 3:00	-1.2	77.2	2.6	219	-1.4	79.1	3.6	212
12/3/2006 4:00	-1.6	75.4	2.7	219	-1.8	76.6	3.7	213
12/3/2006 5:00	-2.0	75.6	2.1	234	-2.2	78.8	3.5	222
12/3/2006 6:00	-2.6	65.1	2.3	264	-2.9	66.0	3.6	241
12/3/2006 7:00	-3.1	66.2	2.2	244	-3.4	69.6	3.4	232
12/3/2006 8:00	-3.1	66.1	2.7	226	-3.3	66.6	3.7	216
12/3/2006 9:00	-2.9	62.0	2.4	232	-3.1	62.6	3.9	222
12/3/2006 10:00	-2.5	59.6	3.0	237	-2.4	58.5	4.4	223
12/3/2006 11:00	-2.2	53.9	3.1	247	-2.3	51.8	5.2	237
12/3/2006 12:00	-1.7	54.1	3.5	242	-1.7	52.2	5.3	232
12/3/2006 13:00	-1.7	53.1	3.6	241	-1.5	54.0	5.1	229
12/3/2006 14:00	-1.5	55.6	3.6	241	-1.6	56.5	5.0	231
12/3/2006 15:00	-2.1	58.1	3.0	251	-2.3	63.0	4.8	228
12/3/2006 16:00	-2.3	57.5	3.3	247	-2.6	60.8	5.1	234
12/3/2006 17:00	-2.7	62.5	3.0	245	-2.9	63.2	4.4	235
12/3/2006 18:00	-3.0	62.6	3.0	257	-3.3	65.7	4.3	237
12/3/2006 19:00	-3.5	71.6	2.5	263	-3.8	71.2	4.8	241
12/3/2006 20:00	-3.9	66.8	2.9	271	-4.1	65.5	4.8	253
12/3/2006 21:00	-4.2	59.7	2.9	270	-4.5	60.6	5.2	254
12/3/2006 22:00	-4.7	64.0	2.5	271	-4.9	63.8	4.9	257
12/3/2006 23:00	-4.7	64.9	2.9	266	-4.9	65.1	4.7	245
12/4/2006 0:00	-4.7	67.3	3.0	266	-4.9	67.5	5.2	248
12/4/2006 1:00	-4.7	72.3	2.7	258	-4.9	73.5	4.1	236
12/4/2006 2:00	-4.8	72.0	2.5	244	-5.0	74.6	3.4	228
12/4/2006 3:00	-4.6	73.5	2.7	258	-4.7	74.1	3.8	235
12/4/2006 4:00	-4.7	78.6	2.1	244	-4.9	78.4	3.4	229
12/4/2006 5:00	-4.9	78.9	2.3	236	-5.0	78.9	3.8	226
12/4/2006 6:00	-5.3	79.3	2.3	230	-5.4	79.7	3.7	221
12/4/2006 7:00	-5.4	80.3	2.5	223	-5.4	80.4	3.8	216
12/4/2006 8:00	-5.2	79.2	2.5	225	-5.4	80.0	3.7	215
12/4/2006 9:00	-5.3	77.3	2.9	222	-5.4	78.0	4.3	216
12/4/2006 10:00	-5.4	73.6	3.0	217	-5.5	73.7	4.5	209
12/4/2006 11:00	-5.4	75.2	3.5	211	-5.3	75.6	5.0	202

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/4/2006 12:00	-5.3	67.1	3.6	207	-5.1	65.6	4.9	190
12/4/2006 13:00	-4.3	62.0	3.9	204	-3.9	64.6	5.4	192
12/4/2006 14:00	-4.3	62.3	4.6	198	-4.3	63.2	6.4	188
12/4/2006 15:00	-4.4	65.1	4.6	194	-4.4	65.1	6.2	190
12/4/2006 16:00	-5.3	82.6	4.1	198	-5.3	78.4	5.5	194
12/4/2006 17:00	-5.5	81.9	3.8	206	-5.6	80.9	5.4	202
12/4/2006 18:00	-5.6	80.4	3.4	204	-5.7	81.5	4.7	198
12/4/2006 19:00	-5.3	77.7	3.7	201	-5.5	79.2	4.6	195
12/4/2006 20:00	-4.8	80.0	3.6	209	-4.9	78.5	4.7	203
12/4/2006 21:00	-4.4	84.6	3.3	219	-4.5	83.9	4.6	211
12/4/2006 22:00	-4.0	82.4	3.0	233	-4.1	84.0	4.5	224
12/4/2006 23:00	-3.8	86.0	2.3	237	-4.0	86.0	3.6	226
12/5/2006 0:00	-3.5	85.2	1.9	251	-3.8	85.5	3.3	230
12/5/2006 1:00	-3.7	88.9	1.5	233	-3.9	88.5	2.1	228
12/5/2006 2:00	-3.7	84.2	1.2	246	-3.8	86.6	1.9	232
12/5/2006 3:00	-3.7	81.1	1.3	270	-4.0	80.4	2.4	246
12/5/2006 4:00	-3.8	66.0	1.3	296	-4.2	67.9	1.9	271
12/5/2006 5:00	-4.0	65.5	1.7	302	-4.3	65.2	2.6	278
12/5/2006 6:00	-4.3	68.3	1.1	295	-4.7	69.6	2.0	267
12/5/2006 7:00	-4.8	73.1	0.9	277	-5.4	74.0	2.0	258
12/5/2006 8:00	-5.1	72.0	1.2	269	-5.7	72.0	2.3	254
12/5/2006 9:00	-5.0	74.3	1.5	246	-5.3	73.7	2.2	231
12/5/2006 10:00	-4.7	71.3	2.4	240	-4.3	68.0	3.4	225
12/5/2006 11:00	-3.5	57.3	2.5	251	-2.9	55.1	3.6	238
12/5/2006 12:00	-2.5	54.8	2.8	261	-2.3	54.4	4.2	248
12/5/2006 13:00	-2.4	60.1	2.7	243	-2.0	59.1	4.2	225
12/5/2006 14:00	-2.5	61.6	3.2	245	-2.3	60.8	4.1	230
12/5/2006 15:00	-2.4	62.9	2.5	226	-2.4	64.0	4.0	215
12/5/2006 16:00	-2.2	67.2	2.4	212	-2.3	68.4	3.4	198
12/5/2006 17:00	-2.1	66.9	2.4	200	-2.3	69.4	3.2	193
12/5/2006 18:00	-2.3	70.9	1.7	193	-2.9	73.9	1.8	183
12/5/2006 19:00	-1.8	70.4	2.9	183	-2.0	70.8	3.9	172
12/5/2006 20:00	-1.4	70.9	3.4	180	-1.6	70.2	4.4	171
12/5/2006 21:00	-1.0	69.1	3.1	183	-1.2	69.4	3.9	174
12/5/2006 22:00	-0.5	67.2	3.6	179	-0.7	65.2	4.5	170
12/5/2006 23:00	-0.1	63.9	4.3	177	-0.3	63.5	5.4	169
12/6/2006 0:00	0.2	60.6	4.5	181	0.1	61.2	5.7	172
12/6/2006 1:00	0.4	61.6	4.3	182	0.2	61.7	5.5	174
12/6/2006 2:00	0.9	61.1	4.9	184	0.7	62.8	5.9	177
12/6/2006 3:00	1.2	64.8	4.5	189	1.0	64.0	5.9	182
12/6/2006 4:00	1.5	64.6	4.1	189	1.3	66.0	5.4	182
12/6/2006 5:00	2.2	63.5	3.8	191	1.9	64.8	4.8	185
12/6/2006 6:00	2.6	63.4	3.6	191	2.5	63.1	5.0	188

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/6/2006 7:00	2.7	64.4	3.8	192	2.5	64.9	5.1	189
12/6/2006 8:00	2.8	63.5	4.4	195	2.6	64.5	5.8	189
12/6/2006 9:00	3.1	62.8	3.6	201	2.8	65.2	5.3	193
12/6/2006 10:00	3.4	62.1	4.2	206	3.1	63.1	5.3	196
12/6/2006 11:00	3.5	62.7	4.1	213	3.3	63.3	5.9	203
12/6/2006 12:00	3.9	63.0	4.5	216	3.8	63.0	5.7	205
12/6/2006 13:00	4.5	58.6	4.1	217	4.4	59.6	5.9	208
12/6/2006 14:00	5.6	60.8	3.9	222	5.5	58.0	5.6	205
12/6/2006 15:00	5.3	63.1	3.7	202	5.3	63.9	5.3	202
12/6/2006 16:00	5.2	62.8	3.1	213	4.7	66.0	4.3	201
12/6/2006 17:00	5.3	63.7	2.8	218	4.6	66.9	3.5	205
12/6/2006 18:00	5.2	69.3	2.1	251	4.7	69.6	3.3	231
12/6/2006 19:00	4.5	67.2	2.2	243	4.1	67.9	3.8	232
12/6/2006 20:00	4.1	67.0	2.9	249	3.8	68.0	4.5	234
12/6/2006 21:00	2.5	88.1	2.5	293	2.3	87.9	4.3	267
12/6/2006 22:00	0.8	80.7	2.2	310	0.5	79.3	3.4	289
12/6/2006 23:00	0.5	81.7	2.4	298	0.1	83.0	3.8	271
12/7/2006 0:00	0.2	78.4	1.5	288	-0.2	79.0	2.8	261
12/7/2006 1:00	0.0	76.1	2.4	280	-0.4	75.5	4.1	257
12/7/2006 2:00	-1.0	70.7	2.7	304	-1.3	70.9	3.8	280
12/7/2006 3:00	-1.4	70.0	2.1	295	-1.7	70.1	3.4	271
12/7/2006 4:00	-2.0	74.7	2.5	303	-2.3	75.1	3.9	276
12/7/2006 5:00	-3.0	76.5	3.0	310	-3.3	77.8	4.2	289
12/7/2006 6:00	-4.4	78.2	3.1	309	-4.6	78.3	4.5	286
12/7/2006 7:00	-4.9	80.5	2.7	305	-5.2	82.1	4.3	283
12/7/2006 8:00	-5.2	82.4	2.5	307	-5.6	83.1	3.8	282
12/7/2006 9:00	-5.9	86.3	2.8	303	-6.2	86.2	4.5	283
12/7/2006 10:00	-6.1	78.0	3.0	317	-6.4	78.5	3.7	294
12/7/2006 11:00	-5.7	62.8	3.5	317	-6.0	63.5	4.8	295
12/7/2006 12:00	-5.5	54.0	4.1	324	-5.7	51.3	5.6	301
12/7/2006 13:00	-5.2	43.0	4.1	322	-5.6	43.1	5.8	299
12/7/2006 14:00	-4.7	37.1	3.7	313	-5.3	39.1	5.2	290
12/7/2006 15:00	-4.2	38.0	3.3	307	-5.0	39.8	5.2	283
12/7/2006 16:00	-4.8	44.9	2.9	303	-5.2	45.0	4.6	279
12/7/2006 17:00	-4.8	50.3	2.6	289	-5.2	49.8	4.6	264
12/7/2006 18:00	-5.2	65.1	3.0	275	-5.5	64.9	5.7	256
12/7/2006 19:00	-5.6	57.2	3.2	285	-5.9	57.9	4.7	266
12/7/2006 20:00	-5.5	56.2	3.1	287	-5.9	56.2	5.5	267
12/7/2006 21:00	-6.0	62.5	3.0	286	-6.4	62.2	4.8	267
12/7/2006 22:00	-6.3	63.5	2.5	293	-6.7	63.3	4.5	269
12/7/2006 23:00	-6.5	66.8	2.0	297	-6.9	66.5	4.1	266
12/8/2006 0:00	-6.3	66.8	2.5	289	-6.7	66.2	4.3	264
12/8/2006 1:00	-6.1	67.1	2.4	277	-6.4	66.5	4.2	257

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/8/2006 2:00	-5.8	61.6	2.4	278	-6.1	62.1	4.0	257
12/8/2006 3:00	-5.4	61.3	2.4	283	-5.7	60.8	4.4	257
12/8/2006 4:00	-5.4	63.9	2.5	273	-5.6	62.8	4.5	257
12/8/2006 5:00	-5.4	64.4	2.3	278	-5.7	63.6	4.4	257
12/8/2006 6:00	-5.4	63.2	1.9	278	-5.7	63.0	4.0	254
12/8/2006 7:00	-5.5	60.3	2.1	272	-5.8	58.9	4.1	253
12/8/2006 8:00	-5.7	61.2	2.2	273	-5.9	59.7	4.6	252
12/8/2006 9:00	-5.7	58.5	2.5	272	-6.0	58.2	4.7	255
12/8/2006 10:00	-5.4	58.7	2.9	269	-5.6	58.9	4.5	257
12/8/2006 11:00	-4.6	54.8	3.0	265	-4.4	54.4	4.5	251
12/8/2006 12:00	-3.4	52.1	2.8	268	-3.3	51.6	4.7	245
12/8/2006 13:00	-2.3	51.3	3.2	258	-2.0	48.9	5.0	229
12/8/2006 14:00	-1.3	48.5	3.3	237	-1.3	48.9	5.3	228
12/8/2006 15:00	-0.9	51.3	3.4	237	-1.3	52.0	5.4	225
12/8/2006 16:00	-1.7	45.5	3.6	227	-2.0	48.6	5.3	212
12/8/2006 17:00	-2.7	46.3	3.9	216	-3.1	50.7	5.2	206
12/8/2006 18:00	-3.6	41.8	4.1	213	-3.9	43.1	5.6	208
12/8/2006 19:00	-4.2	49.5	4.1	217	-4.6	50.1	5.3	202
12/8/2006 20:00	-4.8	51.4	4.3	217	-5.0	52.4	5.9	210
12/8/2006 21:00	-4.8	54.1	4.5	219	-4.9	56.5	6.2	206
12/8/2006 22:00	-4.5	53.0	4.7	220	-4.7	54.9	6.6	210
12/8/2006 23:00	-4.3	52.6	4.7	219	-4.4	55.0	6.3	209
12/9/2006 0:00	-4.1	50.2	4.5	216	-4.2	52.3	6.3	208
12/9/2006 1:00	-4.1	53.3	4.3	214	-4.2	54.7	5.8	204
12/9/2006 2:00	-4.2	53.5	4.4	218	-4.4	54.3	6.0	207
12/9/2006 3:00	-4.2	53.7	4.3	218	-4.3	55.3	6.0	207
12/9/2006 4:00	-4.1	54.3	4.1	216	-4.2	56.7	6.0	206
12/9/2006 5:00	-4.0	56.1	4.2	218	-4.2	59.2	5.2	208
12/9/2006 6:00	-4.4	60.3	4.1	214	-4.6	60.0	5.6	206
12/9/2006 7:00	-4.7	61.3	4.0	209	-4.9	63.3	5.5	198
12/9/2006 8:00	-4.7	60.5	3.9	205	-4.9	61.3	5.5	196
12/9/2006 9:00	-4.0	54.6	4.4	202	-3.8	55.2	5.7	195
12/9/2006 10:00	-3.2	50.5	4.3	205	-3.0	49.5	4.9	189
12/9/2006 11:00	-1.7	44.3	4.5	205	-0.9	42.7	5.6	194
12/9/2006 12:00	-0.1	42.4	4.6	207	0.7	41.1	6.3	205
12/9/2006 13:00	1.7	37.5	4.5	203	2.1	41.4	6.1	194
12/9/2006 14:00	3.3	41.5	4.2	190	2.9	42.7	5.8	179
12/9/2006 15:00	4.1	34.4	4.8	209	3.4	38.3	5.6	182
12/9/2006 16:00	3.9	36.2	4.7	209	3.5	38.4	6.3	200
12/9/2006 17:00	3.7	40.7	4.8	211	3.3	42.8	5.7	203
12/9/2006 18:00	3.1	42.3	4.0	209	2.6	46.8	5.1	198
12/9/2006 19:00	2.6	47.0	3.1	194	1.6	50.5	3.4	189
12/9/2006 20:00	2.5	46.4	3.7	196	2.2	47.6	5.0	190

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/9/2006 21:00	2.7	41.7	4.1	200	2.2	47.7	5.3	192
12/9/2006 22:00	3.0	39.5	4.5	207	1.7	44.6	4.2	187
12/9/2006 23:00	2.9	42.0	4.8	213	2.5	43.4	6.3	202
12/10/2006 0:00	2.3	45.5	4.4	213	2.0	47.2	5.9	201
12/10/2006 1:00	1.8	47.9	4.0	213	1.4	49.8	5.3	201
12/10/2006 2:00	1.4	49.7	4.0	213	1.1	52.2	5.0	202
12/10/2006 3:00	1.1	51.4	3.7	209	0.9	52.4	5.0	201
12/10/2006 4:00	1.1	51.4	3.8	209	0.9	53.4	5.2	200
12/10/2006 5:00	1.0	53.2	4.0	209	0.8	54.7	5.2	198
12/10/2006 6:00	1.0	53.8	3.7	209	0.7	55.4	5.1	199
12/10/2006 7:00	1.2	55.3	3.4	211	0.8	57.8	4.3	200
12/10/2006 8:00	1.0	57.4	3.4	206	0.6	58.6	4.2	197
12/10/2006 9:00	1.2	54.2	3.7	208	1.0	54.5	4.8	199
12/10/2006 10:00	2.4	48.4	4.2	212	2.7	46.7	5.4	201
12/10/2006 11:00	4.3	44.0	4.1	210	5.1	42.2	5.2	201
12/10/2006 12:00	6.0	41.2	4.1	211	6.7	39.8	5.3	203
12/10/2006 13:00	7.9	37.6	3.9	206	8.3	39.0	5.3	197
12/10/2006 14:00	9.4	34.3	4.3	200	9.3	37.6	5.0	186
12/10/2006 15:00	10.2	28.1	3.8	206	9.7	37.5	4.4	190
12/10/2006 16:00	9.8	35.3	3.1	191	8.9	40.0	3.8	179
12/10/2006 17:00	8.2	40.3	2.4	187	7.0	45.8	3.0	182
12/10/2006 18:00	6.3	39.5	2.2	180	5.5	41.5	2.8	180
12/10/2006 19:00	7.2	36.0	2.9	185	6.2	43.8	3.1	179
12/10/2006 20:00	6.8	40.2	3.5	186	6.3	43.4	3.9	178
12/10/2006 21:00	5.9	51.5	3.1	184	5.6	51.3	3.7	182
12/10/2006 22:00	5.5	46.1	2.8	183	5.2	47.3	3.3	180
12/10/2006 23:00	5.6	45.4	2.8	182	5.1	48.0	3.8	176
12/11/2006 0:00	4.8	68.9	2.5	183	4.3	70.6	3.2	176
12/11/2006 1:00	4.0	67.2	1.8	178	3.7	67.3	2.7	175
12/11/2006 2:00	4.2	64.4	1.5	184	3.6	70.1	2.0	187
12/11/2006 3:00	4.2	63.4	1.2	176	3.9	66.1	1.6	183
12/11/2006 4:00	5.2	48.4	1.5	199	4.1	53.9	1.2	188
12/11/2006 5:00	5.9	47.4	1.7	205	5.3	52.3	1.7	200
12/11/2006 6:00	5.9	50.7	1.3	191	5.3	54.0	1.4	184
12/11/2006 7:00	5.5	57.5	1.2	169	4.5	62.6	1.6	154
12/11/2006 8:00	4.8	68.2	1.1	163	3.9	70.5	1.6	145
12/11/2006 9:00	4.5	78.6	1.4	167	3.9	82.4	1.9	154
12/11/2006 10:00	5.0	82.2	1.6	166	4.5	82.9	2.4	157
12/11/2006 11:00	outlier removed				6.7	53.9	2.9	165
12/11/2006 12:00	8.4	46.1	2.3	182	8.2	46.3	3.3	176
12/11/2006 13:00	8.1	47.8	2.1	169	7.6	49.4	2.7	158
12/11/2006 14:00	9.2	41.4	1.6	166	8.5	45.9	2.5	152
12/11/2006 15:00	10.0	41.2	1.8	168	9.2	43.4	2.8	159

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/11/2006 16:00	9.2	46.5	1.4	159	8.3	50.2	1.9	142
12/11/2006 17:00	8.6	51.4	1.0	143	7.9	52.2	1.2	124
12/11/2006 18:00	7.9	53.8	1.0	139	7.4	55.2	1.1	114
12/11/2006 19:00	7.6	55.5	1.0	145	6.9	60.6	1.4	127
12/11/2006 20:00	7.4	58.2	0.9	138	6.9	59.0	0.9	127
12/11/2006 21:00	7.6	62.9	0.7	142	6.9	63.8	0.7	116
12/11/2006 22:00	6.7	73.5	1.5	116	6.2	74.1	1.8	90
12/11/2006 23:00	6.2	73.1	1.3	125	5.7	75.8	1.6	92
12/12/2006 0:00	6.1	68.7	1.2	126	5.6	70.6	1.1	89
12/12/2006 1:00	6.5	69.6	1.2	128	5.8	70.8	1.4	96
12/12/2006 2:00	6.4	75.1	0.9	127	6.0	71.8	1.3	94
12/12/2006 3:00	6.4	71.6	1.0	120	6.1	71.2	1.3	91
12/12/2006 4:00	6.3	75.0	1.1	121	6.1	71.4	1.1	73
12/12/2006 5:00	5.7	66.9	1.1	128	5.7	68.1	1.0	92
12/12/2006 6:00	5.6	66.8	1.4	128	5.3	66.6	1.4	97
12/12/2006 7:00	6.0	65.8	1.5	134	5.7	65.7	1.8	103
12/12/2006 8:00	6.3	66.7	1.4	142	5.9	68.3	1.7	123
12/12/2006 9:00	6.7	65.0	1.4	143	6.1	65.6	1.4	120
12/12/2006 10:00	8.4	50.1	1.7	147	8.0	50.1	2.4	133
12/12/2006 11:00	10.0	46.5	2.0	152	9.4	46.8	2.5	133
12/12/2006 12:00	11.1	47.9	2.3	155	10.4	49.7	3.9	143
12/12/2006 13:00	10.7	47.1	2.3	160	10.1	51.2	3.3	139
12/12/2006 14:00	10.3	58.1	1.6	144	9.5	57.6	2.3	128
12/12/2006 15:00	9.9	72.6	1.4	155	9.4	71.8	2.0	131
12/12/2006 16:00	8.1	91.2	1.6	157	7.7	91.0	2.5	145
12/12/2006 17:00	7.8	94.3	2.2	157	7.4	91.9	3.9	140
12/12/2006 18:00	8.0	91.7	2.3	151	7.8	88.5	4.3	134
12/12/2006 19:00	7.9	89.3	3.3	160	7.6	87.9	6.3	142
12/12/2006 20:00	7.2	89.8	3.5	166	7.0	89.2	4.9	153
12/12/2006 21:00	6.5	90.1	3.4	168	6.4	89.5	4.7	157
12/12/2006 22:00	6.4	95.1	3.5	172	6.2	95.4	4.8	166
12/12/2006 23:00	7.1	92.9	3.9	178	6.9	92.8	4.4	170
12/13/2006 0:00	7.6	92.3	3.9	175	7.4	91.7	4.9	166
12/13/2006 1:00	7.9	92.5	4.2	175	7.7	92.3	5.0	166
12/13/2006 2:00	8.0	94.0	4.2	177	7.9	93.6	5.1	171
12/13/2006 3:00	8.4	93.7	4.2	177	8.3	92.9	5.2	173
12/13/2006 4:00	8.5	93.9	3.7	175	8.5	93.5	4.9	170
12/13/2006 5:00	8.7	83.3	3.2	193	8.5	84.8	4.0	187
12/13/2006 6:00	8.9	76.8	4.1	220	8.5	80.0	5.4	212
12/13/2006 7:00	7.6	70.7	4.6	212	7.3	73.1	6.5	209
12/13/2006 8:00	6.9	76.2	4.7	216	6.6	79.6	6.4	208
12/13/2006 9:00	6.4	72.1	4.0	209	6.1	72.2	5.3	200
12/13/2006 10:00	6.4	66.6	4.3	224	6.1	68.5	6.3	213

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/13/2006 11:00	6.1	66.0	4.3	223	5.8	68.2	6.2	215
12/13/2006 12:00	5.5	69.8	4.3	214	5.3	71.7	6.5	205
12/13/2006 13:00	4.9	67.6	4.3	225	4.7	67.0	6.4	211
12/13/2006 14:00	5.8	61.6	4.0	236	6.1	62.8	5.8	221
12/13/2006 15:00	6.8	61.6	3.7	230	6.8	63.7	6.3	213
12/13/2006 16:00	7.5	60.6	3.2	229	7.0	64.2	5.5	217
12/13/2006 17:00	7.0	64.7	3.4	220	6.7	68.2	5.1	213
12/13/2006 18:00	6.6	74.7	2.3	214	6.0	78.6	3.1	207
12/13/2006 19:00	6.0	79.1	1.7	206	5.1	83.2	2.1	201
12/13/2006 20:00	5.7	83.9	1.3	200	4.4	87.2	1.5	186
12/13/2006 21:00	4.6	88.0	0.7	170	3.3	91.8	1.0	138
12/13/2006 22:00	2.5	91.0	0.2	134	2.4	94.3	0.9	139
12/13/2006 23:00	2.5	93.3	0.7	162	2.2	95.1	0.9	147
12/14/2006 0:00	3.8	90.8	1.3	180	3.8	92.3	2.0	180
12/14/2006 1:00	4.9	90.1	1.4	175	4.0	91.4	2.1	175
12/14/2006 2:00	4.0	92.7	1.1	168	3.8	92.8	2.1	178
12/14/2006 3:00	3.2	94.4	1.1	174	3.1	94.3	1.6	179
12/14/2006 4:00	2.7	94.6	1.0	170	2.8	94.4	1.5	176
12/14/2006 5:00	2.4	95.4	1.1	169	2.7	93.4	1.8	159
12/14/2006 6:00	2.3	95.5	1.1	167	2.3	94.8	1.8	148
12/14/2006 7:00	2.3	95.1	1.3	167	2.4	92.8	2.0	160
12/14/2006 8:00	2.6	94.6	1.2	162	3.0	91.3	2.0	157
12/14/2006 9:00	3.4	91.6	1.6	164	3.5	91.7	2.5	151
12/14/2006 10:00	4.5	85.4	2.3	169	4.4	85.5	3.0	161
12/14/2006 11:00	6.0	82.7	3.3	178	5.9	82.8	4.1	174
12/14/2006 12:00	6.7	78.1	2.6	186	6.7	76.5	3.4	181
12/14/2006 13:00	9.2	68.0	2.6	192	9.1	75.4	3.5	179
12/14/2006 14:00	9.5	73.6	2.7	180	8.8	72.4	3.5	171
12/14/2006 15:00	9.3	70.0	3.9	176	9.1	72.0	4.9	169
12/14/2006 16:00	9.7	71.2	3.9	171	9.4	70.5	4.8	164
12/14/2006 17:00	10.2	66.8	4.0	172	10.0	67.5	5.1	163
12/14/2006 18:00	10.4	65.6	4.4	179	10.1	67.0	5.5	172
12/14/2006 19:00	9.8	62.4	4.1	187	9.2	65.9	4.9	185
12/14/2006 20:00	10.0	65.5	3.5	184	9.5	68.7	4.8	182
12/14/2006 21:00	9.1	70.4	3.2	186	8.3	74.0	3.8	177
12/14/2006 22:00	8.8	67.3	2.8	189	7.6	74.3	3.0	180
12/14/2006 23:00	10.0	69.5	3.6	212	9.2	72.4	4.7	203
12/15/2006 0:00	9.4	73.1	3.5	212	8.7	75.1	4.6	204
12/15/2006 1:00	8.6	75.5	3.2	209	8.1	76.6	4.5	202
12/15/2006 2:00	8.1	76.7	3.3	202	7.6	81.1	4.1	192
12/15/2006 3:00	7.8	75.1	3.1	200	6.8	76.7	3.4	185
12/15/2006 4:00	8.2	69.7	4.1	207	7.7	71.5	5.0	198
12/15/2006 5:00	8.1	69.2	4.0	212	7.6	71.5	4.9	205

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/15/2006 6:00	7.7	67.3	3.9	212	7.2	69.7	4.9	205
12/15/2006 7:00	7.4	65.6	3.7	216	6.8	67.7	4.8	209
12/15/2006 8:00	6.8	66.9	3.0	217	6.2	69.7	4.3	213
12/15/2006 9:00	6.3	65.2	2.6	221	5.9	67.1	3.8	212
12/15/2006 10:00	7.0	61.6	2.8	232	6.8	63.5	4.4	219
12/15/2006 11:00	7.6	61.2	3.5	240	7.7	61.8	5.2	229
12/15/2006 12:00	7.3	61.8	3.3	261	7.0	62.6	5.5	242
12/15/2006 13:00	7.2	56.8	3.6	266	7.0	57.6	5.4	250
12/15/2006 14:00	7.0	57.9	3.3	272	6.7	59.6	6.0	252
12/15/2006 15:00	7.2	54.8	3.6	269	6.7	57.5	6.4	249
12/15/2006 16:00	7.4	59.3	3.5	269	6.9	60.5	6.1	250
12/15/2006 17:00	6.7	62.4	2.8	274	6.3	63.5	5.3	254
12/15/2006 18:00	6.3	63.2	2.7	274	6.0	63.2	5.0	254
12/15/2006 19:00	6.1	64.5	2.7	284	5.8	64.9	3.8	263
12/15/2006 20:00	5.7	67.4	1.8	277	5.4	68.6	3.3	260
12/15/2006 21:00	5.4	65.8	2.5	303	5.1	65.4	3.6	280
12/15/2006 22:00	4.9	62.5	2.8	314	4.6	62.7	3.8	290
12/15/2006 23:00	3.9	66.2	1.4	303	3.5	67.4	2.1	282
12/16/2006 0:00	3.0	71.2	0.7	275	2.4	72.9	1.6	253
12/16/2006 1:00	1.4	78.3	0.4	235	1.2	80.4	0.8	227
12/16/2006 2:00	0.8	85.0	0.2	198	0.3	84.8	0.2	215
12/16/2006 3:00	-0.4	87.6	0.3	164	-0.5	88.3	0.3	124
12/16/2006 4:00	-0.8	88.9	0.0	131	-1.1	90.1	0.1	79
12/16/2006 5:00	-0.8	89.3	0.0	184	-1.0	90.8	0.0	66
12/16/2006 6:00	-1.0	90.4	0.3	135	-0.9	90.1	0.2	70
12/16/2006 7:00	-1.2	91.5	0.4	138	-1.0	90.2	0.4	74
12/16/2006 8:00	-0.6	90.6	0.6	157	-0.7	90.3	0.6	132
12/16/2006 9:00	0.1	86.3	0.8	143	0.2	82.4	1.1	126
12/16/2006 10:00	2.1	81.3	0.9	138	1.8	82.7	1.1	121
12/16/2006 11:00	3.9	74.7	1.6	151	3.4	74.0	2.4	136
12/16/2006 12:00	5.2	63.7	2.9	166	5.0	65.5	4.1	155
12/16/2006 13:00	6.0	63.3	3.3	167	5.6	65.2	4.6	149
12/16/2006 14:00	6.9	61.2	3.7	168	6.2	65.7	5.0	153
12/16/2006 15:00	7.3	61.8	3.2	164	6.4	65.7	4.8	148
12/16/2006 16:00	7.0	66.7	2.4	150	6.0	71.7	3.7	135
12/16/2006 17:00	5.9	73.7	1.6	136	5.4	73.6	1.9	116
12/16/2006 18:00	4.9	76.9	1.4	139	4.7	75.0	1.5	118
12/16/2006 19:00	5.5	69.5	1.7	149	5.3	69.6	2.5	133
12/16/2006 20:00	6.9	64.3	1.9	150	6.3	68.2	2.4	131
12/16/2006 21:00	7.4	67.3	2.6	165	7.1	68.4	3.0	153
12/16/2006 22:00	7.3	71.5	2.3	168	7.1	71.0	2.9	156
12/16/2006 23:00	8.0	69.8	1.9	173	7.6	72.3	2.5	165
12/17/2006 0:00	8.6	77.2	2.4	186	8.4	78.7	3.3	180

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/17/2006 1:00	8.8	82.7	1.9	179	8.6	82.8	3.1	180
12/17/2006 2:00	9.0	82.6	2.7	175	8.9	82.4	3.9	176
12/17/2006 3:00	9.3	84.5	3.2	183	9.3	83.1	4.3	180
12/17/2006 4:00	9.5	84.4	2.9	184	9.4	84.4	3.7	185
12/17/2006 5:00	9.3	89.9	2.1	182	9.5	89.2	2.5	184
12/17/2006 6:00	9.7	91.3	1.9	177	9.5	90.8	2.4	175
12/17/2006 7:00	10.6	90.3	1.9	182	10.2	91.4	2.1	179
12/17/2006 8:00	11.2	92.8	1.7	187	10.7	94.1	1.8	188
12/17/2006 9:00	11.6	94.5	1.1	189	10.9	95.6	1.3	193
12/17/2006 10:00	12.7	91.1	1.7	224	12.3	91.3	2.5	216
12/17/2006 11:00	13.2	92.7	1.8	246	13.1	93.3	2.8	230
12/17/2006 12:00	12.1	88.2	2.0	309	11.9	88.0	3.0	284
12/17/2006 13:00	11.9	86.7	1.4	302	11.6	86.7	2.2	284
12/17/2006 14:00	12.0	84.1	1.1	302	11.7	82.7	2.0	289
12/17/2006 15:00	12.0	78.5	1.3	266	11.8	77.7	2.4	257
12/17/2006 16:00	11.8	61.8	0.9	287	11.6	65.0	1.5	265
12/17/2006 17:00	11.4	63.2	0.5	294	11.1	64.9	0.9	284
12/17/2006 18:00	10.8	66.0	0.6	224	10.4	75.5	0.7	221
12/17/2006 19:00	10.5	67.1	0.4	244	10.0	66.5	0.8	249
12/17/2006 20:00	10.4	61.3	0.4	286	10.1	64.5	0.9	261
12/17/2006 21:00	10.2	57.0	0.4	286	10.0	64.3	0.8	269
12/17/2006 22:00	10.0	59.0	0.4	226	9.5	57.2	0.8	233
12/17/2006 23:00	9.6	60.4	0.7	310	9.5	60.5	1.1	291
12/18/2006 0:00	9.3	53.2	0.9	326	9.1	52.8	1.6	305
12/18/2006 1:00	9.0	56.1	1.3	316	8.7	56.6	1.9	291
12/18/2006 2:00	8.4	55.7	0.5	300	8.1	57.4	0.9	276
12/18/2006 3:00	7.9	67.3	1.1	303	7.6	64.2	1.8	283
12/18/2006 4:00	6.8	59.4	1.2	320	6.6	60.1	2.0	298
12/18/2006 5:00	6.4	58.8	1.6	322	6.1	58.2	2.4	299
12/18/2006 6:00	6.0	59.1	1.2	297	5.7	58.3	2.4	279
12/18/2006 7:00	5.6	58.3	1.4	310	5.3	57.2	2.1	291
12/18/2006 8:00	5.3	59.2	1.6	307	5.0	58.2	2.2	288
12/18/2006 9:00	5.2	59.7	1.5	305	4.9	59.3	2.4	288
12/18/2006 10:00	4.9	59.3	2.1	306	4.8	57.5	2.9	287
12/18/2006 11:00	4.6	58.1	2.8	309	4.5	57.3	3.7	288
12/18/2006 12:00	5.5	54.6	2.0	311	5.2	53.0	2.8	290
12/18/2006 13:00	6.0	53.0	2.3	309	5.6	53.0	3.3	286
12/18/2006 14:00	6.4	51.3	2.0	304	5.9	52.2	2.9	275
12/18/2006 15:00	6.9	49.5	1.6	304	6.1	50.0	2.6	287
12/18/2006 16:00	6.7	50.5	1.5	315	5.8	52.0	2.3	288
12/18/2006 17:00	5.7	56.0	1.4	319	5.2	55.3	1.8	299
12/18/2006 18:00	4.2	67.0	1.2	337	4.1	60.6	1.7	302
12/18/2006 19:00	2.4	71.0	0.7	346	3.1	64.4	1.5	302

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/18/2006 20:00	2.6	62.8	1.2	333	2.7	64.7	1.4	308
12/18/2006 21:00	2.4	72.9	0.9	345	2.3	66.7	1.1	313
12/18/2006 22:00	1.0	75.6	0.3	330	1.6	70.9	0.9	315
12/18/2006 23:00	0.3	80.2	0.0	264	0.1	80.4	0.5	293
12/19/2006 0:00	0.0	81.5	0.0	239	-0.4	82.6	0.3	245
12/19/2006 1:00	-0.3	84.2	0.4	176	-1.0	89.6	0.4	156
12/19/2006 2:00	-1.4	86.6	0.1	182	-1.9	89.5	0.2	270
12/19/2006 3:00	-2.2	88.7	0.0	295	-2.6	89.5	0.4	281
12/19/2006 4:00	-2.7	89.9	0.2	184	-3.4	91.4	0.3	204
12/19/2006 5:00	-3.2	89.7	0.3	223	-3.6	92.2	0.5	233
12/19/2006 6:00	-2.9	88.2	0.2	293	-3.1	89.8	1.0	273
12/19/2006 7:00	-3.2	90.1	0.3	165	-3.4	88.5	1.0	236
12/19/2006 8:00	-2.4	82.6	0.7	222	-2.6	84.8	1.6	238
12/19/2006 9:00	-1.5	80.5	0.9	227	-2.1	82.6	1.3	225
12/19/2006 10:00	-0.1	77.2	1.3	237	-0.1	76.8	2.0	231
12/19/2006 11:00	1.3	67.5	1.8	265	1.6	68.5	2.7	245
12/19/2006 12:00	2.9	61.0	2.1	275	3.0	60.3	3.5	248
12/19/2006 13:00	4.5	51.3	2.4	263	4.6	50.8	3.9	244
12/19/2006 14:00	6.0	45.5	2.4	278	5.4	48.6	4.4	253
12/19/2006 15:00	7.0	39.9	2.3	277	6.1	42.5	4.1	253
12/19/2006 16:00	6.9	42.1	2.1	284	6.0	46.5	3.5	263
12/19/2006 17:00	6.0	47.5	1.6	266	5.3	50.2	3.0	249
12/19/2006 18:00	4.8	53.2	1.2	250	3.8	58.2	1.9	231
12/19/2006 19:00	3.4	59.1	0.9	190	2.5	64.2	1.2	200
12/19/2006 20:00	2.3	67.8	0.8	189	1.4	67.2	1.0	189
12/19/2006 21:00	1.7	68.7	0.9	185	0.7	73.1	1.2	177
12/19/2006 22:00	1.5	70.4	0.9	202	0.3	77.1	1.0	190
12/19/2006 23:00	1.3	69.5	1.2	216	0.2	74.2	1.6	202
12/20/2006 0:00	1.3	72.1	1.2	231	0.4	75.2	1.8	219
12/20/2006 1:00	0.9	72.9	1.4	227	0.2	75.4	2.1	225
12/20/2006 2:00	-0.1	78.0	0.9	195	-0.6	80.4	1.4	190
12/20/2006 3:00	0.0	77.3	1.2	226	-0.8	79.6	2.0	214
12/20/2006 4:00	0.0	78.5	1.1	219	-0.6	82.8	1.4	215
12/20/2006 5:00	-0.3	77.5	1.3	223	-1.3	79.6	1.3	211
12/20/2006 6:00	-1.0	82.5	1.0	194	-1.9	86.4	0.8	155
12/20/2006 7:00	-1.9	84.2	1.1	182	-2.7	84.9	1.1	157
12/20/2006 8:00	-2.2	84.6	1.1	173	-2.4	85.0	1.7	173
12/20/2006 9:00	-1.7	77.7	1.2	185	-1.9	79.2	1.8	184
12/20/2006 10:00	0.1	69.2	1.9	198	0.1	71.7	2.6	191
12/20/2006 11:00	1.9	63.0	2.7	206	2.7	61.4	3.3	189
12/20/2006 12:00	3.8	52.8	3.4	206	4.5	55.0	4.5	196
12/20/2006 13:00	5.0	51.6	3.4	214	5.5	52.6	4.7	204
12/20/2006 14:00	5.8	45.2	3.5	214	5.8	50.3	4.8	199

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Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/20/2006 15:00	6.4	46.0	2.8	210	6.2	47.3	3.8	204
12/20/2006 16:00	6.5	58.4	2.8	199	6.2	61.8	3.5	190
12/20/2006 17:00	5.0	69.2	1.7	170	4.4	71.6	2.4	158
12/20/2006 18:00	4.2	66.9	1.8	174	3.8	73.7	2.5	166
12/20/2006 19:00	4.2	64.4	1.4	191	3.5	68.9	1.8	187
12/20/2006 20:00	4.3	65.6	1.7	198	3.6	71.0	1.9	190
12/20/2006 21:00	4.2	75.4	1.5	200	3.6	79.7	2.0	188
12/20/2006 22:00	3.9	76.7	1.6	214	3.4	79.9	1.6	209
12/20/2006 23:00	4.1	75.2	1.0	234	3.6	78.6	1.5	218
12/21/2006 0:00	4.2	69.8	1.4	237	3.8	71.8	1.8	220
12/21/2006 1:00	4.6	66.6	1.4	240	4.2	68.9	2.0	221
12/21/2006 2:00	4.6	63.5	1.3	235	4.3	65.5	2.1	226
12/21/2006 3:00	4.7	61.0	1.0	233	4.3	64.6	1.4	218
12/21/2006 4:00	4.7	61.8	0.4	269	4.2	63.3	1.0	255
12/21/2006 5:00	4.7	68.1	0.2	198	4.3	76.8	0.4	206
12/21/2006 6:00	4.6	80.7	0.3	175	3.7	82.6	0.6	176
12/21/2006 7:00	4.3	82.7	0.2	169	3.8	81.4	0.4	195
12/21/2006 8:00	4.1	82.6	0.3	311	3.6	82.4	0.7	259
12/21/2006 9:00	3.8	88.9	0.2	332	3.2	88.6	0.6	284
12/21/2006 10:00	4.4	82.7	0.7	109	3.8	83.8	0.8	95
12/21/2006 11:00	5.3	74.2	1.1	113	4.5	74.5	1.4	92
12/21/2006 12:00	5.9	73.3	1.1	123	5.1	76.4	1.6	113
12/21/2006 13:00	6.1	76.4	1.3	140	5.1	77.3	2.2	129
12/21/2006 14:00	6.0	72.7	1.2	145	5.2	72.5	2.1	131
12/21/2006 15:00	5.9	66.3	1.5	122	5.2	67.5	1.8	102
12/21/2006 16:00	5.8	67.6	1.5	96	5.1	66.4	2.2	76
12/21/2006 17:00	5.7	70.3	1.4	75	5.2	69.1	2.2	51
12/21/2006 18:00	5.0	83.2	1.4	81	4.7	84.1	2.4	60
12/21/2006 19:00	4.5	90.9	1.4	70	3.9	92.5	2.4	51
12/21/2006 20:00	4.4	93.4	1.7	75	3.9	94.5	2.8	53
12/21/2006 21:00	4.7	94.4	1.6	90	4.3	94.5	2.7	65
12/21/2006 22:00	5.1	94.7	1.7	76	4.7	94.5	2.9	55
12/21/2006 23:00	5.2	94.9	1.9	73	4.8	95.1	3.0	54
12/22/2006 0:00	5.4	95.4	2.3	84	5.1	96.0	4.1	65
12/22/2006 1:00	5.6	96.0	2.2	94	5.2	96.6	3.4	65
12/22/2006 2:00	5.8	96.3	2.4	98	5.4	96.8	4.0	71
12/22/2006 3:00	6.1	96.5	2.2	93	5.7	97.0	3.3	70
12/22/2006 4:00	6.2	96.6	2.1	91	5.8	96.8	3.7	65
12/22/2006 5:00	6.3	96.9	2.1	91	6.0	97.2	3.2	70
12/22/2006 6:00	6.7	97.1	1.8	108	6.3	97.5	2.5	84
12/22/2006 7:00	7.2	97.2	1.6	105	7.0	97.6	2.1	87
12/22/2006 8:00	7.8	97.5	2.7	110	7.5	97.9	2.9	90
12/22/2006 9:00	8.4	97.7	2.4	110	8.2	98.2	2.9	90

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Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/22/2006 10:00	9.6	97.6	2.4	120	9.4	97.5	3.1	101
12/22/2006 11:00	10.3	97.0	3.3	117	10.0	95.3	3.9	97
12/22/2006 12:00	11.0	96.2	2.4	132	10.8	95.2	3.5	109
12/22/2006 13:00	10.8	96.9	2.7	132	10.5	96.9	3.7	112
12/22/2006 14:00	10.7	97.3	2.3	135	10.5	97.4	3.1	113
12/22/2006 15:00	11.5	97.5	2.2	149	11.1	97.0	3.8	132
12/22/2006 16:00	12.2	97.0	2.9	159	12.0	96.3	5.2	142
12/22/2006 17:00	12.3	97.3	2.7	162	12.1	97.0	5.1	142
12/22/2006 18:00	12.3	96.3	3.8	175	12.2	96.1	5.1	158
12/22/2006 19:00	10.8	86.9	3.3	199	10.5	88.4	4.1	191
12/22/2006 20:00	10.0	91.6	2.4	188	9.7	92.1	3.1	183
12/22/2006 21:00	9.5	86.2	3.0	210	8.9	87.7	3.7	197
12/22/2006 22:00	9.1	80.3	3.5	221	8.6	82.2	4.9	212
12/22/2006 23:00	8.0	73.2	2.7	222	7.5	76.4	4.0	211
12/23/2006 0:00	7.1	79.1	3.1	222	6.6	81.2	4.4	212
12/23/2006 1:00	6.3	78.8	3.2	214	5.9	81.3	4.3	206
12/23/2006 2:00	6.7	77.9	3.7	203	6.3	79.3	5.0	198
12/23/2006 3:00	6.6	78.5	4.2	207	6.3	79.7	5.2	200
12/23/2006 4:00	6.7	79.6	4.0	211	6.5	80.5	5.2	203
12/23/2006 5:00	6.7	79.2	4.0	219	6.5	81.3	5.3	210
12/23/2006 6:00	6.7	73.9	4.1	223	6.4	76.4	5.7	214
12/23/2006 7:00	6.5	76.2	3.9	222	6.3	78.5	5.7	211
12/23/2006 8:00	6.4	70.1	4.0	218	6.1	72.5	5.8	209
12/23/2006 9:00	6.2	73.2	4.4	221	6.0	74.3	6.2	210
12/23/2006 10:00	5.9	75.4	4.1	215	5.7	76.9	5.7	208
12/23/2006 11:00	6.0	77.5	4.3	226	5.8	79.7	6.0	214
12/23/2006 12:00	5.8	75.6	4.6	236	5.6	76.4	6.8	222
12/23/2006 13:00	5.6	81.0	4.7	238	5.4	81.2	7.2	225
12/23/2006 14:00	5.3	78.2	4.7	237	5.1	78.6	6.3	226
12/23/2006 15:00	5.1	79.2	4.4	243	4.9	80.3	5.9	226
12/23/2006 16:00	4.8	83.4	3.7	237	4.6	84.6	5.4	224
12/23/2006 17:00	4.5	84.3	3.0	234	4.2	85.0	4.5	219
12/23/2006 18:00	4.6	85.5	3.3	236	4.4	86.7	4.6	222
12/23/2006 19:00	4.3	90.5	2.8	240	4.0	91.1	4.8	228
12/23/2006 20:00	4.1	89.6	2.6	228	3.9	90.1	3.7	217
12/23/2006 21:00	4.0	91.1	2.5	227	3.8	91.8	4.0	215
12/23/2006 22:00	3.8	93.9	2.6	228	3.6	94.3	3.8	214
12/23/2006 23:00	3.7	93.2	2.3	233	3.6	93.5	3.7	219
12/24/2006 0:00	3.8	91.0	2.4	234	3.6	90.9	3.6	220
12/24/2006 1:00	3.9	87.0	2.6	241	3.7	86.8	4.3	226
12/24/2006 2:00	3.9	90.3	2.5	240	3.7	91.1	3.9	226
12/24/2006 3:00	3.6	92.2	2.3	250	3.4	92.4	3.7	233
12/24/2006 4:00	3.6	91.7	2.3	257	3.3	92.9	3.6	238

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Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/24/2006 5:00	3.6	89.3	1.9	269	3.3	88.1	3.4	247
12/24/2006 6:00	3.5	85.5	1.9	271	3.3	84.4	3.8	255
12/24/2006 7:00	3.3	84.2	1.5	275	3.1	84.2	2.8	252
12/24/2006 8:00	3.0	83.6	1.9	270	2.9	83.8	2.7	247
12/24/2006 9:00	3.0	83.8	1.6	274	2.8	84.1	2.6	250
12/24/2006 10:00	3.2	83.2	2.5	246	3.1	83.0	3.6	231
12/24/2006 11:00	3.3	83.9	3.2	239	3.3	83.6	4.5	222
12/24/2006 12:00	3.4	81.4	3.2	237	3.4	81.0	4.4	231
12/24/2006 13:00	4.3	71.6	2.6	251	4.4	71.5	3.8	243
12/24/2006 14:00	6.3	61.8	2.1	233	6.5	64.7	2.9	212
12/24/2006 15:00	7.2	60.6	1.9	222	7.2	65.0	2.5	198
12/24/2006 16:00	7.7	62.4	1.8	208	7.1	67.8	2.4	187
12/24/2006 17:00	5.7	83.5	2.4	175	5.2	83.8	3.2	169
12/24/2006 18:00	3.4	85.1	1.9	174	3.3	85.6	2.3	173
12/24/2006 19:00	2.4	89.5	0.8	160	2.7	89.0	1.4	164
12/24/2006 20:00	1.7	92.5	0.7	170	1.5	93.3	1.1	157
12/24/2006 21:00	1.7	93.1	1.0	168	1.9	93.0	1.6	172
12/24/2006 22:00	1.4	94.1	0.8	179	1.9	93.5	1.4	175
12/24/2006 23:00	0.7	94.3	0.3	168	1.0	94.7	0.5	147
12/25/2006 0:00	0.7	94.1	0.6	165	1.1	95.1	1.1	168
12/25/2006 1:00	0.7	94.7	0.2	161	0.9	95.8	0.6	138
12/25/2006 2:00	0.8	94.5	0.3	145	0.8	96.6	0.4	118
12/25/2006 3:00	0.9	94.9	0.2	158	1.0	96.6	0.7	142
12/25/2006 4:00	0.9	95.3	0.5	147	1.1	96.9	1.0	135
12/25/2006 5:00	1.4	95.7	0.7	147	1.2	96.7	1.3	147
12/25/2006 6:00	1.4	95.5	0.2	35	1.3	96.5	0.5	30
12/25/2006 7:00	1.4	95.8	0.7	61	1.1	96.8	1.2	44
12/25/2006 8:00	1.6	95.7	1.1	90	1.2	95.3	1.7	67
12/25/2006 9:00	1.7	95.6	0.1	292	1.5	94.5	0.5	91
12/25/2006 10:00	2.4	95.0	0.8	345	2.1	90.8	1.2	358
12/25/2006 11:00	3.4	89.6	1.1	338	3.1	88.3	1.8	325
12/25/2006 12:00	4.6	86.9	0.9	6	3.9	88.8	1.7	354
12/25/2006 13:00	5.5	85.0	1.4	42	4.6	87.4	2.6	28
12/25/2006 14:00	5.6	85.5	2.1	52	4.6	88.3	3.3	38
12/25/2006 15:00	5.3	87.8	2.2	48	4.4	90.0	3.7	31
12/25/2006 16:00	4.7	91.1	1.8	18	4.0	92.2	3.6	8
12/25/2006 17:00	4.4	93.4	1.6	3	3.9	93.0	2.9	359
12/25/2006 18:00	3.9	93.1	2.1	30	3.5	92.9	3.5	14
12/25/2006 19:00	4.0	93.2	1.7	43	3.5	92.1	3.2	29
12/25/2006 20:00	3.7	92.6	1.6	26	3.1	91.9	2.9	21
12/25/2006 21:00	3.6	92.4	1.7	8	3.2	91.3	3.1	7
12/25/2006 22:00	3.7	92.9	1.9	17	3.3	92.5	3.7	8
12/25/2006 23:00	3.7	90.2	2.1	9	3.4	88.2	3.9	5

Appendix A3 Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/26/2006 0:00	3.6	90.6	2.6	3	3.2	89.7	4.6	359
12/26/2006 1:00	3.6	91.7	2.7	1	3.2	90.8	4.3	357
12/26/2006 2:00	3.5	89.7	3.3	353	3.2	88.2	3.7	350
12/26/2006 3:00	3.5	90.2	3.1	353	3.3	89.4	3.4	353
12/26/2006 4:00	3.5	89.7	3.7	348	3.2	90.6	3.7	334
12/26/2006 5:00	2.8	91.1	3.5	339	2.5	90.9	5.1	326
12/26/2006 6:00	2.6	92.6	2.5	332	2.2	93.5	3.6	314
12/26/2006 7:00	2.7	90.8	2.7	325	2.3	91.3	3.6	301
12/26/2006 8:00	2.6	91.7	2.3	317	2.3	92.2	3.2	295
12/26/2006 9:00	2.7	88.3	2.6	316	2.4	90.2	3.3	296
12/26/2006 10:00	2.9	84.7	2.6	324	2.5	85.9	3.9	302
12/26/2006 11:00	3.1	82.7	2.5	324	2.8	84.0	3.4	303
12/26/2006 12:00	3.4	80.0	2.7	315	3.2	80.4	3.2	298
12/26/2006 13:00	3.5	78.6	2.4	313	3.2	79.4	3.6	290
12/26/2006 14:00	3.8	74.6	2.5	308	3.4	75.5	3.4	289
12/26/2006 15:00	3.8	75.4	2.4	309	3.5	75.1	3.3	291
12/26/2006 16:00	3.5	80.1	1.7	301	3.2	79.6	2.8	280
12/26/2006 17:00	3.1	80.6	1.9	297	2.8	80.7	3.3	278
12/26/2006 18:00	2.7	78.9	2.1	304	2.4	79.9	3.2	282
12/26/2006 19:00	2.8	77.5	1.6	309	2.4	77.9	2.3	288
12/26/2006 20:00	2.8	71.0	2.2	308	2.5	72.0	3.0	288
12/26/2006 21:00	2.6	70.7	1.9	299	2.3	71.2	3.4	276
12/26/2006 22:00	2.2	68.2	2.2	301	1.9	69.2	3.3	276
12/26/2006 23:00	1.9	63.7	1.9	285	1.6	65.1	3.1	264
12/27/2006 0:00	1.7	67.4	1.7	278	1.5	69.0	3.7	254
12/27/2006 1:00	1.4	68.2	2.1	282	1.2	69.1	3.8	257
12/27/2006 2:00	1.3	68.6	2.3	267	1.0	69.5	3.8	246
12/27/2006 3:00	1.3	69.0	2.1	263	1.0	70.2	3.7	240
12/27/2006 4:00	1.3	66.8	2.3	251	1.0	70.2	3.4	230
12/27/2006 5:00	1.2	64.4	2.6	263	1.0	66.5	4.0	239
12/27/2006 6:00	1.0	67.6	2.5	247	0.7	68.2	3.9	234
12/27/2006 7:00	0.6	70.4	2.3	225	0.3	71.6	3.3	217
12/27/2006 8:00	0.4	76.4	2.8	214	0.1	78.5	3.8	205
12/27/2006 9:00	0.1	79.2	3.2	216	-0.1	80.0	4.5	208
12/27/2006 10:00	0.4	77.8	2.9	222	0.2	79.0	4.2	209
12/27/2006 11:00	1.1	74.2	3.1	231	1.0	75.5	3.7	217
12/27/2006 12:00	2.0	72.6	2.8	246	2.0	72.4	4.2	227
12/27/2006 13:00	2.7	71.3	3.0	245	2.6	71.5	4.1	228
12/27/2006 14:00	3.4	68.6	2.4	240	3.4	68.8	3.9	224
12/27/2006 15:00	3.9	69.9	2.8	235	3.9	71.0	3.9	220
12/27/2006 16:00	3.9	70.4	2.4	215	3.7	73.3	3.2	204
12/27/2006 17:00	3.8	75.2	2.0	198	3.4	78.4	2.9	195
12/27/2006 18:00	3.2	77.0	2.0	191	2.7	79.4	2.7	189

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/27/2006 19:00	3.2	73.7	2.3	193	2.8	77.5	2.9	188
12/27/2006 20:00	3.2	75.0	2.5	188	2.8	77.1	3.1	183
12/27/2006 21:00	3.3	73.0	2.5	192	3.1	75.9	3.2	185
12/27/2006 22:00	3.6	73.5	2.6	203	3.3	76.7	3.2	190
12/27/2006 23:00	3.6	71.9	2.1	207	3.3	74.3	2.6	192
12/28/2006 0:00	3.9	71.3	2.2	198	3.3	76.0	1.9	177
12/28/2006 1:00	4.0	70.4	1.3	195	3.5	72.6	1.9	194
12/28/2006 2:00	4.3	68.0	2.2	224	4.0	71.7	2.7	213
12/28/2006 3:00	4.2	68.7	1.7	208	3.8	73.1	1.9	195
12/28/2006 4:00	3.8	71.8	1.8	202	3.1	75.1	1.7	183
12/28/2006 5:00	3.4	73.1	1.2	192	2.9	75.7	1.4	188
12/28/2006 6:00	3.4	76.5	0.6	175	3.1	76.6	1.0	179
12/28/2006 7:00	3.2	79.4	0.4	95	3.0	78.9	0.6	114
12/28/2006 8:00	2.8	83.7	0.4	111	2.6	84.9	0.7	117
12/28/2006 9:00	2.6	84.5	0.8	93	2.5	83.6	1.2	83
12/28/2006 10:00	3.7	82.1	0.8	125	3.2	82.9	1.1	101
12/28/2006 11:00	4.2	81.2	0.9	129	3.6	83.5	1.1	111
12/28/2006 12:00	4.8	75.3	1.3	157	4.2	76.9	1.6	143
12/28/2006 13:00	5.6	71.1	1.3	167	5.2	72.2	1.9	152
12/28/2006 14:00	6.2	66.9	1.2	157	5.5	70.8	2.0	143
12/28/2006 15:00	6.2	66.7	1.7	163	5.6	69.6	2.5	145
12/28/2006 16:00	6.3	70.1	1.4	146	5.5	71.9	2.3	137
12/28/2006 17:00	5.8	73.6	1.4	110	5.4	73.7	1.8	93
12/28/2006 18:00	4.9	78.8	1.1	97	4.8	77.4	1.8	74
12/28/2006 19:00	4.3	82.6	1.3	87	4.2	83.1	2.1	65
12/28/2006 20:00	3.9	84.9	0.8	73	3.7	84.6	1.5	62
12/28/2006 21:00	3.0	88.4	0.7	44	3.3	87.1	1.0	29
12/28/2006 22:00	2.6	89.7	0.4	38	3.1	88.6	0.8	20
12/28/2006 23:00	1.8	91.2	0.2	79	2.2	92.6	0.5	50
12/29/2006 0:00	0.8	92.9	0.4	341	1.3	93.2	0.7	358
12/29/2006 1:00	0.4	93.3	0.4	354	0.9	94.2	0.7	359
12/29/2006 2:00	1.0	94.4	0.6	7	1.8	95.1	1.4	14
12/29/2006 3:00	2.0	95.1	0.9	34	2.1	95.1	1.6	25
12/29/2006 4:00	2.8	94.8	0.8	29	2.3	95.0	1.5	24
12/29/2006 5:00	2.8	94.3	0.7	27	2.2	94.5	1.6	22
12/29/2006 6:00	2.8	93.7	1.0	29	2.2	93.7	2.2	22
12/29/2006 7:00	3.2	94.0	1.2	56	2.6	95.3	2.4	43
12/29/2006 8:00	3.4	94.6	1.8	80	2.9	95.6	3.2	58
12/29/2006 9:00	3.8	93.5	1.5	86	3.4	93.2	2.6	64
12/29/2006 10:00	4.4	91.0	2.1	88	3.9	90.4	3.2	62
12/29/2006 11:00	5.1	87.6	2.6	99	4.6	88.2	4.0	75
12/29/2006 12:00	5.9	84.4	2.9	88	5.0	85.6	4.5	68
12/29/2006 13:00	6.0	80.3	2.6	93	5.1	82.0	4.6	69

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/29/2006 14:00	6.2	80.1	2.7	90	5.2	81.8	4.5	68
12/29/2006 15:00	5.8	80.9	2.3	85	4.9	82.2	4.3	67
12/29/2006 16:00	5.3	83.2	2.2	74	4.6	84.1	3.8	65
12/29/2006 17:00	4.7	84.3	2.5	87	4.2	85.4	3.5	65
12/29/2006 18:00	4.1	86.3	2.1	75	3.6	86.5	3.7	61
12/29/2006 19:00	3.7	86.9	2.0	75	3.2	88.2	2.7	52
12/29/2006 20:00	3.2	88.2	2.4	85	2.7	89.2	3.5	61
12/29/2006 21:00	3.1	88.7	1.7	75	2.6	90.4	2.5	52
12/29/2006 22:00	3.3	89.2	1.1	70	2.6	91.2	1.8	46
12/29/2006 23:00	3.4	90.6	1.2	76	2.7	92.3	1.8	55
12/30/2006 0:00	3.5	90.8	1.1	69	2.9	92.5	1.7	50
12/30/2006 1:00	3.6	91.0	0.8	53	2.8	93.5	1.4	35
12/30/2006 2:00	3.4	91.6	0.8	79	2.6	94.3	1.2	56
12/30/2006 3:00	3.3	93.3	0.8	107	2.5	95.6	1.2	81
12/30/2006 4:00	3.0	93.8	0.7	107	2.3	96.3	0.9	79
12/30/2006 5:00	3.1	93.6	0.6	75	2.1	96.6	1.0	40
12/30/2006 6:00	2.6	95.9	1.2	144	2.0	97.6	1.9	124
12/30/2006 7:00	2.2	97.0	0.9	214	1.9	97.9	1.6	210
12/30/2006 8:00	2.5	97.7	1.0	205	2.3	98.1	1.4	218
12/30/2006 9:00	2.6	98.0	1.1	231	2.5	98.1	1.7	213
12/30/2006 10:00	2.8	98.1	0.8	261	2.5	98.3	1.3	238
12/30/2006 11:00	3.5	97.7	1.0	314	3.1	98.2	1.4	296
12/30/2006 12:00	5.3	85.1	0.7	298	5.3	74.0	1.1	267
12/30/2006 13:00	7.0	80.0	1.5	177	7.1	81.0	2.5	176
12/30/2006 14:00	8.0	71.2	1.3	161	6.6	84.3	1.6	159
12/30/2006 15:00	8.6	75.7	1.2	142	6.6	85.1	1.7	128
12/30/2006 16:00	7.5	82.3	1.2	146	6.0	87.9	2.1	145
12/30/2006 17:00	6.7	86.7	0.7	86	5.7	89.4	1.1	68
12/30/2006 18:00	5.6	86.9	1.6	56	5.1	88.2	2.7	39
12/30/2006 19:00	5.0	88.7	2.3	56	4.4	89.8	4.0	42
12/30/2006 20:00	4.7	87.8	2.4	53	4.0	88.6	4.0	38
12/30/2006 21:00	4.4	88.1	2.6	53	3.8	88.8	4.4	34
12/30/2006 22:00	4.4	87.6	2.2	55	3.8	88.6	3.7	38
12/30/2006 23:00	4.4	87.9	1.8	65	3.8	89.1	2.7	51
12/31/2006 0:00	4.3	88.7	1.7	64	3.7	90.3	3.2	50
12/31/2006 1:00	3.9	90.3	2.1	64	3.3	92.2	3.6	51
12/31/2006 2:00	3.7	92.7	2.0	80	3.0	95.7	3.2	58
12/31/2006 3:00	3.4	94.6	2.0	81	2.7	96.8	2.8	55
12/31/2006 4:00	3.4	91.9	2.1	77	2.9	91.0	3.6	53
12/31/2006 5:00	3.7	88.3	2.5	92	3.3	88.3	4.1	71
12/31/2006 6:00	3.7	87.7	2.6	91	3.2	87.9	4.3	68
12/31/2006 7:00	3.6	88.9	2.8	89	3.1	89.7	4.8	66
12/31/2006 8:00	3.6	90.2	2.9	95	3.1	91.4	4.9	69

Appendix A3

Record of Meteorological Data

Date/Time	Ontario Public Health Laboratory				St. Clair College			
	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)	Temperature (°C)	Relative Humidity (%)	Wind Speed (m/s)	Wind Direction (deg)
12/31/2006 9:00	3.8	91.1	2.6	95	3.3	92.7	4.4	71
12/31/2006 10:00	4.0	93.3	2.7	98	3.5	94.4	4.5	74
12/31/2006 11:00	4.3	94.4	2.8	84	3.8	94.8	4.7	64
12/31/2006 12:00	4.7	94.3	3.1	90	4.2	94.3	5.6	64
12/31/2006 13:00	5.2	95.0	3.1	99	4.7	94.1	5.3	75
12/31/2006 14:00	5.4	95.5	3.3	99	5.0	95.1	5.4	78
12/31/2006 15:00	6.2	95.4	3.0	114	5.9	95.1	4.0	94
12/31/2006 16:00	6.9	95.9	3.1	124	6.7	95.8	3.8	105
12/31/2006 17:00	7.5	96.2	2.4	125	7.3	96.2	3.1	106
12/31/2006 18:00	8.2	96.5	2.6	117	7.9	96.0	3.1	98
12/31/2006 19:00	9.1	94.4	2.7	120	9.0	92.3	3.4	100
12/31/2006 20:00	9.9	94.9	1.9	140	9.7	94.5	3.3	113
12/31/2006 21:00	10.2	96.6	1.8	170	10.1	96.3	2.8	164
12/31/2006 22:00	11.1	97.0	3.2	179	11.2	97.2	3.8	177
12/31/2006 23:00	11.0	96.1	3.4	186	10.6	96.7	4.0	184

Appendix A4

Record of Traffic Data

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/1/2006 0:00	135	4	36	175	22.9%
10/1/2006 1:00	81	3	30	114	28.9%
10/1/2006 2:00	68	1	23	92	26.1%
10/1/2006 3:00	45	2	20	67	32.8%
10/1/2006 4:00	37	0	22	59	37.3%
10/1/2006 5:00	59	2	20	81	27.2%
10/1/2006 6:00	108	1	48	157	31.2%
10/1/2006 7:00	119	7	68	194	38.7%
10/1/2006 8:00	248	6	77	331	25.1%
10/1/2006 9:00	346	4	86	436	20.6%
10/1/2006 10:00	442	10	123	575	23.1%
10/1/2006 11:00	503	10	129	642	21.7%
10/1/2006 12:00	608	10	135	753	19.3%
10/1/2006 13:00	640	22	150	812	21.2%
10/1/2006 14:00	664	17	169	850	21.9%
10/1/2006 15:00	714	16	178	908	21.4%
10/1/2006 16:00	657	18	165	840	21.8%
10/1/2006 17:00	686	7	170	863	20.5%
10/1/2006 18:00	495	16	109	620	20.2%
10/1/2006 19:00	553	13	183	749	26.2%
10/1/2006 20:00	505	9	220	734	31.2%
10/1/2006 21:00	337	9	142	488	30.9%
10/1/2006 22:00	259	6	165	430	39.8%
10/1/2006 23:00	165	3	122	290	43.1%
10/2/2006 0:00	97	5	97	199	51.3%
10/2/2006 1:00	38	3	60	101	62.4%
10/2/2006 2:00	36	6	96	138	73.9%
10/2/2006 3:00	28	10	102	140	80.0%
10/2/2006 4:00	48	6	120	174	72.4%
10/2/2006 5:00	180	12	127	319	43.6%
10/2/2006 6:00	508	23	189	720	29.4%
10/2/2006 7:00	700	33	189	922	24.1%
10/2/2006 8:00	567	56	202	825	31.3%
10/2/2006 9:00	563	30	200	793	29.0%
10/2/2006 10:00	458	35	232	725	36.8%
10/2/2006 11:00	538	37	189	764	29.6%
10/2/2006 12:00	546	34	195	775	29.5%
10/2/2006 13:00	494	34	208	736	32.9%
10/2/2006 14:00	565	33	227	825	31.5%
10/2/2006 15:00	658	43	245	946	30.4%
10/2/2006 16:00	611	26	250	887	31.1%
10/2/2006 17:00	666	16	238	920	27.6%
10/2/2006 18:00	504	21	268	793	36.4%
10/2/2006 19:00	345	16	260	621	44.4%
10/2/2006 20:00	330	12	220	562	41.3%
10/2/2006 21:00	297	13	212	522	43.1%
10/2/2006 22:00	163	8	174	345	52.8%
10/2/2006 23:00	141	12	175	328	57.0%
10/3/2006 0:00	64	7	131	202	68.3%
10/3/2006 1:00	36	5	120	161	77.6%
10/3/2006 2:00	37	7	119	163	77.3%
10/3/2006 3:00	22	2	116	140	84.3%
10/3/2006 4:00	47	10	141	198	76.3%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/3/2006 5:00	157	12	138	307	48.9%
10/3/2006 6:00	532	17	179	728	26.9%
10/3/2006 7:00	696	26	217	939	25.9%
10/3/2006 8:00	461	44	183	688	33.0%
10/3/2006 9:00	506	30	211	747	32.3%
10/3/2006 10:00	447	37	200	684	34.6%
10/3/2006 11:00	515	32	220	767	32.9%
10/3/2006 12:00	546	29	243	818	33.3%
10/3/2006 13:00	502	35	251	788	36.3%
10/3/2006 14:00	572	38	285	895	36.1%
10/3/2006 15:00	672	38	274	984	31.7%
10/3/2006 16:00	689	34	253	976	29.4%
10/3/2006 17:00	637	23	207	867	26.5%
10/3/2006 18:00	534	15	232	781	31.6%
10/3/2006 19:00	382	22	223	627	39.1%
10/3/2006 20:00	290	13	229	532	45.5%
10/3/2006 21:00	310	7	199	516	39.9%
10/3/2006 22:00	206	13	174	393	47.6%
10/3/2006 23:00	149	9	145	303	50.8%
10/4/2006 0:00	65	5	116	186	65.1%
10/4/2006 1:00	40	9	141	190	78.9%
10/4/2006 2:00	37	15	123	175	78.9%
10/4/2006 3:00	29	8	122	159	81.8%
10/4/2006 4:00	39	5	126	170	77.1%
10/4/2006 5:00	171	9	163	343	50.1%
10/4/2006 6:00	509	27	171	707	28.0%
10/4/2006 7:00	667	38	201	906	26.4%
10/4/2006 8:00	556	47	186	789	29.5%
10/4/2006 9:00	476	39	216	731	34.9%
10/4/2006 10:00	464	47	212	723	35.8%
10/4/2006 11:00	464	42	233	739	37.2%
10/4/2006 12:00	497	41	246	784	36.6%
10/4/2006 13:00	495	43	224	762	35.0%
10/4/2006 14:00	603	37	249	889	32.2%
10/4/2006 15:00	638	55	244	937	31.9%
10/4/2006 16:00	438	37	198	673	34.9%
10/4/2006 17:00	446	33	209	688	35.2%
10/4/2006 18:00	530	24	254	808	34.4%
10/4/2006 19:00	364	13	227	604	39.7%
10/4/2006 20:00	332	8	209	549	39.5%
10/4/2006 21:00	333	14	211	558	40.3%
10/4/2006 22:00	223	16	191	430	48.1%
10/4/2006 23:00	154	5	136	295	47.8%
10/5/2006 0:00	62	4	127	193	67.9%
10/5/2006 1:00	32	5	101	138	76.8%
10/5/2006 2:00	32	8	94	134	76.1%
10/5/2006 3:00	31	4	137	172	82.0%
10/5/2006 4:00	45	9	130	184	75.5%
10/5/2006 5:00	176	12	137	325	45.8%
10/5/2006 6:00	488	20	173	681	28.3%
10/5/2006 7:00	710	45	188	943	24.7%
10/5/2006 8:00	577	57	183	817	29.4%
10/5/2006 9:00	560	45	197	802	30.2%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/5/2006 10:00	446	49	224	719	38.0%
10/5/2006 11:00	552	44	195	791	30.2%
10/5/2006 12:00				0	#DIV/0!
10/5/2006 13:00	1004	91	481	1576	36.3%
10/5/2006 14:00	1257	86	458	1801	30.2%
10/5/2006 15:00	1521	100	451	2072	26.6%
10/5/2006 16:00	1550	76	447	2073	25.2%
10/5/2006 17:00	1482	60	468	2010	26.3%
10/5/2006 18:00	1337	53	456	1846	27.6%
10/5/2006 19:00	955	34	453	1442	33.8%
10/5/2006 20:00	751	24	459	1234	39.1%
10/5/2006 21:00	695	20	351	1066	34.8%
10/5/2006 22:00	594	17	332	943	37.0%
10/5/2006 23:00	374	19	308	701	46.6%
10/6/2006 0:00	226	13	298	537	57.9%
10/6/2006 1:00	123	7	217	347	64.6%
10/6/2006 2:00	107	15	215	337	68.2%
10/6/2006 3:00	92	16	164	272	66.2%
10/6/2006 4:00	118	16	211	345	65.8%
10/6/2006 5:00	294	24	231	549	46.4%
10/6/2006 6:00	794	40	280	1114	28.7%
10/6/2006 7:00	1184	69	275	1528	22.5%
10/6/2006 8:00	1092	121	350	1563	30.1%
10/6/2006 9:00	896	71	368	1335	32.9%
10/6/2006 10:00	1059	72	372	1503	29.5%
10/6/2006 11:00	1215	79	420	1714	29.1%
10/6/2006 12:00	1290	73	434	1797	28.2%
10/6/2006 13:00	1329	69	403	1801	26.2%
10/6/2006 14:00	1541	98	356	1995	22.8%
10/6/2006 15:00	1713	84	393	2190	21.8%
10/6/2006 16:00	1679	68	329	2076	19.1%
10/6/2006 17:00	1518	47	285	1850	17.9%
10/6/2006 18:00	1322	57	336	1715	22.9%
10/6/2006 19:00	1067	34	296	1397	23.6%
10/6/2006 20:00	825	28	314	1167	29.3%
10/6/2006 21:00	758	24	274	1056	28.2%
10/6/2006 22:00	566	14	277	857	34.0%
10/6/2006 23:00	491	16	231	738	33.5%
10/7/2006 0:00	344	17	167	528	34.8%
10/7/2006 1:00	179	15	141	335	46.6%
10/7/2006 2:00	133	11	101	245	45.7%
10/7/2006 3:00	107	5	111	223	52.0%
10/7/2006 4:00	102	11	93	206	50.5%
10/7/2006 5:00	196	8	96	300	34.7%
10/7/2006 6:00	370	21	99	490	24.5%
10/7/2006 7:00	425	46	152	623	31.8%
10/7/2006 8:00	638	44	167	849	24.9%
10/7/2006 9:00	836	49	194	1079	22.5%
10/7/2006 10:00	979	43	231	1253	21.9%
10/7/2006 11:00	1274	57	219	1550	17.8%
10/7/2006 12:00	1289	47	205	1541	16.4%
10/7/2006 13:00	1324	49	196	1569	15.6%
10/7/2006 14:00	1313	27	189	1529	14.1%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/7/2006 15:00	1325	27	212	1564	15.3%
10/7/2006 16:00	1206	27	187	1420	15.1%
10/7/2006 17:00	1096	26	184	1306	16.1%
10/7/2006 18:00	939	7	187	1133	17.1%
10/7/2006 19:00	841	24	190	1055	20.3%
10/7/2006 20:00	690	14	167	871	20.8%
10/7/2006 21:00	619	7	134	760	18.6%
10/7/2006 22:00	599	9	117	725	17.4%
10/7/2006 23:00	438	8	104	550	20.4%
10/8/2006 0:00	271	5	93	369	26.6%
10/8/2006 1:00	197	3	73	273	27.8%
10/8/2006 2:00	135	3	58	196	31.1%
10/8/2006 3:00	100	3	30	133	24.8%
10/8/2006 4:00	63	2	50	115	45.2%
10/8/2006 5:00	96	4	48	148	35.1%
10/8/2006 6:00	187	6	52	245	23.7%
10/8/2006 7:00	218	8	71	297	26.6%
10/8/2006 8:00	381	4	121	506	24.7%
10/8/2006 9:00	573	6	124	703	18.5%
10/8/2006 10:00	935	16	145	1096	14.7%
10/8/2006 11:00	1046	16	146	1208	13.4%
10/8/2006 12:00	1278	24	158	1460	12.5%
10/8/2006 13:00	1237	13	194	1444	14.3%
10/8/2006 14:00	1257	16	197	1470	14.5%
10/8/2006 15:00	1319	20	216	1555	15.2%
10/8/2006 16:00	1116	21	222	1359	17.9%
10/8/2006 17:00	946	13	196	1155	18.1%
10/8/2006 18:00	980	15	191	1186	17.4%
10/8/2006 19:00	890	13	153	1056	15.7%
10/8/2006 20:00	872	13	206	1091	20.1%
10/8/2006 21:00	607	13	120	740	18.0%
10/8/2006 22:00	575	8	144	727	20.9%
10/8/2006 23:00	410	8	173	591	30.6%
10/9/2006 0:00	183	8	99	290	36.9%
10/9/2006 1:00	141	2	96	239	41.0%
10/9/2006 2:00	87	4	81	172	49.4%
10/9/2006 3:00	69	4	79	152	54.6%
10/9/2006 4:00	67	7	85	159	57.9%
10/9/2006 5:00	127	10	110	247	48.6%
10/9/2006 6:00	303	13	139	455	33.4%
10/9/2006 7:00	310	12	143	465	33.3%
10/9/2006 8:00	389	12	177	578	32.7%
10/9/2006 9:00	634	18	218	870	27.1%
10/9/2006 10:00	869	15	230	1114	22.0%
10/9/2006 11:00	1005	30	249	1284	21.7%
10/9/2006 12:00	1020	37	248	1305	21.8%
10/9/2006 13:00	1230	24	251	1505	18.3%
10/9/2006 14:00	1254	29	296	1579	20.6%
10/9/2006 15:00	1335	25	341	1701	21.5%
10/9/2006 16:00	1258	31	311	1600	21.4%
10/9/2006 17:00	1028	21	263	1312	21.6%
10/9/2006 18:00	1027	22	263	1312	21.7%
10/9/2006 19:00	1024	26	295	1345	23.9%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/9/2006 20:00	933	21	297	1251	25.4%
10/9/2006 21:00	669	14	256	939	28.8%
10/9/2006 22:00	474	15	249	738	35.8%
10/9/2006 23:00	316	14	238	568	44.4%
10/10/2006 0:00	166	6	161	333	50.2%
10/10/2006 1:00	99	10	187	296	66.6%
10/10/2006 2:00	55	12	145	212	74.1%
10/10/2006 3:00	68	11	191	270	74.8%
10/10/2006 4:00	77	13	196	286	73.1%
10/10/2006 5:00	279	15	196	490	43.1%
10/10/2006 6:00	823	39	237	1099	25.1%
10/10/2006 7:00	1258	74	256	1588	20.8%
10/10/2006 8:00	1158	75	350	1583	26.8%
10/10/2006 9:00	940	73	350	1363	31.0%
10/10/2006 10:00	902	67	417	1386	34.9%
10/10/2006 11:00	1041	72	424	1537	32.3%
10/10/2006 12:00	1026	64	478	1568	34.6%
10/10/2006 13:00	1062	72	454	1588	33.1%
10/10/2006 14:00	1126	82	462	1670	32.6%
10/10/2006 15:00	1411	69	469	1949	27.6%
10/10/2006 16:00	1437	53	473	1963	26.8%
10/10/2006 17:00	1432	49	458	1939	26.1%
10/10/2006 18:00	1058	33	513	1604	34.0%
10/10/2006 19:00	770	29	467	1266	39.2%
10/10/2006 20:00	697	30	446	1173	40.6%
10/10/2006 21:00	548	19	344	911	39.8%
10/10/2006 22:00	426	21	387	834	48.9%
10/10/2006 23:00	324	13	288	625	48.2%
10/11/2006 0:00	156	17	270	443	64.8%
10/11/2006 1:00	79	11	223	313	74.8%
10/11/2006 2:00	66	15	207	288	77.1%
10/11/2006 3:00	45	7	210	262	82.8%
10/11/2006 4:00	78	19	251	348	77.6%
10/11/2006 5:00	267	17	261	545	51.0%
10/11/2006 6:00	789	33	293	1115	29.2%
10/11/2006 7:00	1232	60	310	1602	23.1%
10/11/2006 8:00	1025	75	356	1456	29.6%
10/11/2006 9:00	828	60	438	1326	37.6%
10/11/2006 10:00	791	67	479	1337	40.8%
10/11/2006 11:00	955	68	497	1520	37.2%
10/11/2006 12:00	943	60	499	1502	37.2%
10/11/2006 13:00	1023	87	496	1606	36.3%
10/11/2006 14:00	1163	74	516	1753	33.7%
10/11/2006 15:00	1381	67	545	1993	30.7%
10/11/2006 16:00	1344	64	499	1907	29.5%
10/11/2006 17:00	1221	58	509	1788	31.7%
10/11/2006 18:00	1110	37	463	1610	31.1%
10/11/2006 19:00	765	25	530	1320	42.0%
10/11/2006 20:00	578	33	504	1115	48.2%
10/11/2006 21:00	574	25	390	989	42.0%
10/11/2006 22:00	482	27	384	893	46.0%
10/11/2006 23:00	327	26	329	682	52.1%
10/12/2006 0:00	189	21	278	488	61.3%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/12/2006 1:00	89	10	244	343	74.1%
10/12/2006 2:00	78	9	200	287	72.8%
10/12/2006 3:00	63	14	214	291	78.4%
10/12/2006 4:00	77	20	244	341	77.4%
10/12/2006 5:00	255	17	233	505	49.5%
10/12/2006 6:00	773	41	273	1087	28.9%
10/12/2006 7:00	1210	49	339	1598	24.3%
10/12/2006 8:00	1102	84	364	1550	28.9%
10/12/2006 9:00	930	63	438	1431	35.0%
10/12/2006 10:00	849	79	439	1367	37.9%
10/12/2006 11:00	944	80	514	1538	38.6%
10/12/2006 12:00	1047	63	497	1607	34.8%
10/12/2006 13:00	1009	71	497	1577	36.0%
10/12/2006 14:00	1149	92	516	1757	34.6%
10/12/2006 15:00	1456	88	494	2038	28.6%
10/12/2006 16:00	1398	79	460	1937	27.8%
10/12/2006 17:00	1439	54	458	1951	26.2%
10/12/2006 18:00	1119	35	511	1665	32.8%
10/12/2006 19:00	835	35	491	1361	38.6%
10/12/2006 20:00	663	26	454	1143	42.0%
10/12/2006 21:00	618	20	383	1021	39.5%
10/12/2006 22:00	468	22	374	864	45.8%
10/12/2006 23:00	350	19	349	718	51.3%
10/13/2006 0:00	207	16	219	442	53.2%
10/13/2006 1:00	113	7	266	386	70.7%
10/13/2006 2:00	75	9	214	298	74.8%
10/13/2006 3:00	78	16	207	301	74.1%
10/13/2006 4:00	102	11	203	316	67.7%
10/13/2006 5:00	259	14	237	510	49.2%
10/13/2006 6:00	772	32	266	1070	27.9%
10/13/2006 7:00	1153	70	283	1506	23.4%
10/13/2006 8:00	1131	97	347	1575	28.2%
10/13/2006 9:00	830	94	355	1279	35.1%
10/13/2006 10:00	935	86	381	1402	33.3%
10/13/2006 11:00	1093	93	445	1631	33.0%
10/13/2006 12:00	1201	97	478	1776	32.4%
10/13/2006 13:00	1190	76	440	1706	30.2%
10/13/2006 14:00	1423	86	424	1933	26.4%
10/13/2006 15:00	1687	83	431	2201	23.4%
10/13/2006 16:00	1454	60	430	1944	25.2%
10/13/2006 17:00	1510	45	393	1948	22.5%
10/13/2006 18:00	1261	31	428	1720	26.7%
10/13/2006 19:00	995	20	346	1361	26.9%
10/13/2006 20:00	782	21	354	1157	32.4%
10/13/2006 21:00	642	26	327	995	35.5%
10/13/2006 22:00	549	22	296	867	36.7%
10/13/2006 23:00	484	19	271	774	37.5%
10/14/2006 0:00	326	19	200	545	40.2%
10/14/2006 1:00	147	10	167	324	54.6%
10/14/2006 2:00	121	14	122	257	52.9%
10/14/2006 3:00	94	14	122	230	59.1%
10/14/2006 4:00	89	8	97	194	54.1%
10/14/2006 5:00	171	14	120	305	43.9%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/14/2006 6:00	364	23	124	511	28.8%
10/14/2006 7:00	473	37	138	648	27.0%
10/14/2006 8:00	702	43	211	956	26.6%
10/14/2006 9:00	802	36	232	1070	25.0%
10/14/2006 10:00	962	56	259	1277	24.7%
10/14/2006 11:00	1104	46	262	1412	21.8%
10/14/2006 12:00	1379	51	277	1707	19.2%
10/14/2006 13:00	1268	30	237	1535	17.4%
10/14/2006 14:00	1346	34	276	1656	18.7%
10/14/2006 15:00	1270	28	241	1539	17.5%
10/14/2006 16:00	1238	27	245	1510	18.0%
10/14/2006 17:00	1139	23	212	1374	17.1%
10/14/2006 18:00	1011	13	216	1240	18.5%
10/14/2006 19:00	770	15	195	980	21.4%
10/14/2006 20:00	676	19	185	880	23.2%
10/14/2006 21:00	636	14	168	818	22.2%
10/14/2006 22:00	501	10	157	668	25.0%
10/14/2006 23:00	440	8	105	553	20.4%
10/15/2006 0:00	296	5	95	396	25.3%
10/15/2006 1:00	191	7	73	271	29.5%
10/15/2006 2:00	149	3	51	203	26.6%
10/15/2006 3:00	95	4	47	146	34.9%
10/15/2006 4:00	96	10	48	154	37.7%
10/15/2006 5:00	98	13	30	141	30.5%
10/15/2006 6:00	192	10	52	254	24.4%
10/15/2006 7:00	259	12	84	355	27.0%
10/15/2006 8:00	448	11	124	583	23.2%
10/15/2006 9:00	632	19	139	790	20.0%
10/15/2006 10:00	938	16	163	1117	16.0%
10/15/2006 11:00	1064	32	192	1288	17.4%
10/15/2006 12:00	1354	21	198	1573	13.9%
10/15/2006 13:00	1273	19	199	1491	14.6%
10/15/2006 14:00	1312	31	228	1571	16.5%
10/15/2006 15:00	1351	23	223	1597	15.4%
10/15/2006 16:00	1292	21	241	1554	16.9%
10/15/2006 17:00	1189	26	258	1473	19.3%
10/15/2006 18:00	1117	23	291	1431	21.9%
10/15/2006 19:00	841	21	236	1098	23.4%
10/15/2006 20:00	746	13	240	999	25.3%
10/15/2006 21:00	537	17	221	775	30.7%
10/15/2006 22:00	435	9	194	638	31.8%
10/15/2006 23:00	273	15	183	471	42.0%
10/16/2006 0:00	162	7	145	314	48.4%
10/16/2006 1:00	88	10	158	256	65.6%
10/16/2006 2:00	56	8	142	206	72.8%
10/16/2006 3:00	49	7	149	205	76.1%
10/16/2006 4:00	102	14	173	289	64.7%
10/16/2006 5:00	271	13	190	474	42.8%
10/16/2006 6:00	815	40	244	1099	25.8%
10/16/2006 7:00	1281	55	228	1564	18.1%
10/16/2006 8:00	1142	73	318	1533	25.5%
10/16/2006 9:00	1023	71	366	1460	29.9%
10/16/2006 10:00	871	80	359	1310	33.5%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/16/2006 11:00	957	75	331	1363	29.8%
10/16/2006 12:00	956	58	402	1416	32.5%
10/16/2006 13:00	1002	55	437	1494	32.9%
10/16/2006 14:00	1119	76	455	1650	32.2%
10/16/2006 15:00	1411	78	445	1934	27.0%
10/16/2006 16:00	1366	61	408	1835	25.6%
10/16/2006 17:00	1373	48	482	1903	27.9%
10/16/2006 18:00	1089	37	423	1549	29.7%
10/16/2006 19:00	790	25	482	1297	39.1%
10/16/2006 20:00	612	27	486	1125	45.6%
10/16/2006 21:00	571	29	411	1011	43.5%
10/16/2006 22:00	402	14	351	767	47.6%
10/16/2006 23:00	259	20	336	615	57.9%
10/17/2006 0:00	169	12	292	473	64.3%
10/17/2006 1:00	68	16	217	301	77.4%
10/17/2006 2:00	53	17	192	262	79.8%
10/17/2006 3:00	48	11	201	260	81.5%
10/17/2006 4:00	80	9	230	319	74.9%
10/17/2006 5:00	239	19	282	540	55.7%
10/17/2006 6:00	760	23	275	1058	28.2%
10/17/2006 7:00	1221	51	303	1575	22.5%
10/17/2006 8:00	1086	81	366	1533	29.2%
10/17/2006 9:00	865	63	428	1356	36.2%
10/17/2006 10:00	832	65	436	1333	37.6%
10/17/2006 11:00	885	70	475	1430	38.1%
10/17/2006 12:00	911	50	522	1483	38.6%
10/17/2006 13:00	893	56	474	1423	37.2%
10/17/2006 14:00	1017	51	519	1587	35.9%
10/17/2006 15:00	1361	61	518	1940	29.8%
10/17/2006 16:00	1323	57	485	1865	29.1%
10/17/2006 17:00	1326	37	496	1859	28.7%
10/17/2006 18:00	999	47	526	1572	36.5%
10/17/2006 19:00	700	38	537	1275	45.1%
10/17/2006 20:00	676	29	463	1168	42.1%
10/17/2006 21:00	610	17	457	1084	43.7%
10/17/2006 22:00	419	25	413	857	51.1%
10/17/2006 23:00	305	18	384	707	56.9%
10/18/2006 0:00	158	13	332	503	68.6%
10/18/2006 1:00	74	13	245	332	77.7%
10/18/2006 2:00	51	13	202	266	80.8%
10/18/2006 3:00	54	11	215	280	80.7%
10/18/2006 4:00	77	12	218	307	74.9%
10/18/2006 5:00	251	15	225	491	48.9%
10/18/2006 6:00	759	43	285	1087	30.2%
10/18/2006 7:00	1247	66	345	1658	24.8%
10/18/2006 8:00	1135	84	369	1588	28.5%
10/18/2006 9:00	892	74	431	1397	36.1%
10/18/2006 10:00	829	88	493	1410	41.2%
10/18/2006 11:00	959	90	512	1561	38.6%
10/18/2006 12:00	952	76	488	1516	37.2%
10/18/2006 13:00	974	91	538	1603	39.2%
10/18/2006 14:00	1103	96	545	1744	36.8%
10/18/2006 15:00	1398	80	544	2022	30.9%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/18/2006 16:00	1378	85	485	1948	29.3%
10/18/2006 17:00	1373	56	479	1908	28.0%
10/18/2006 18:00	1147	46	560	1753	34.6%
10/18/2006 19:00	790	31	568	1389	43.1%
10/18/2006 20:00	697	16	479	1192	41.5%
10/18/2006 21:00	654	22	501	1177	44.4%
10/18/2006 22:00	479	30	388	897	46.6%
10/18/2006 23:00	309	20	341	670	53.9%
10/19/2006 0:00	155	10	270	435	64.4%
10/19/2006 1:00	77	14	249	340	77.4%
10/19/2006 2:00	81	15	199	295	72.5%
10/19/2006 3:00	55	16	204	275	80.0%
10/19/2006 4:00	87	15	245	347	74.9%
10/19/2006 5:00	269	21	249	539	50.1%
10/19/2006 6:00	778	36	306	1120	30.5%
10/19/2006 7:00	1236	64	315	1615	23.5%
10/19/2006 8:00	1111	106	360	1577	29.5%
10/19/2006 9:00	873	82	411	1366	36.1%
10/19/2006 10:00	841	92	457	1390	39.5%
10/19/2006 11:00	946	74	479	1499	36.9%
10/19/2006 12:00				0	#DIV/0!
10/19/2006 13:00	1037	84	531	1652	37.2%
10/19/2006 14:00	1166	92	511	1769	34.1%
10/19/2006 15:00	1489	78	507	2074	28.2%
10/19/2006 16:00	1450	58	487	1995	27.3%
10/19/2006 17:00	1452	60	494	2006	27.6%
10/19/2006 18:00	1189	51	494	1734	31.4%
10/19/2006 19:00	857	21	495	1373	37.6%
10/19/2006 20:00	691	19	511	1221	43.4%
10/19/2006 21:00	675	24	396	1095	38.4%
10/19/2006 22:00	460	15	397	872	47.2%
10/19/2006 23:00	364	13	338	715	49.1%
10/20/2006 0:00	218	13	266	497	56.1%
10/20/2006 1:00	104	11	271	386	73.1%
10/20/2006 2:00	99	18	220	337	70.6%
10/20/2006 3:00	69	19	219	307	77.5%
10/20/2006 4:00	98	12	210	320	69.4%
10/20/2006 5:00	289	17	236	542	46.7%
10/20/2006 6:00	751	37	288	1076	30.2%
10/20/2006 7:00	1153	86	312	1551	25.7%
10/20/2006 8:00	1190	86	328	1604	25.8%
10/20/2006 9:00	932	71	360	1363	31.6%
10/20/2006 10:00	969	101	378	1448	33.1%
10/20/2006 11:00	1158	88	443	1689	31.4%
10/20/2006 12:00	1220	76	455	1751	30.3%
10/20/2006 13:00	1195	83	412	1690	29.3%
10/20/2006 14:00	1344	96	437	1877	28.4%
10/20/2006 15:00	1632	80	411	2123	23.1%
10/20/2006 16:00	1701	66	416	2183	22.1%
10/20/2006 17:00	1500	61	356	1917	21.8%
10/20/2006 18:00	1242	34	397	1673	25.8%
10/20/2006 19:00	942	25	365	1332	29.3%
10/20/2006 20:00	800	25	312	1137	29.6%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/20/2006 21:00	732	25	302	1059	30.9%
10/20/2006 22:00	503	15	310	828	39.3%
10/20/2006 23:00	486	7	290	783	37.9%
10/21/2006 0:00	304	7	193	504	39.7%
10/21/2006 1:00	170	9	166	345	50.7%
10/21/2006 2:00	115	11	145	271	57.6%
10/21/2006 3:00	103	5	113	221	53.4%
10/21/2006 4:00	79	12	119	210	62.4%
10/21/2006 5:00	164	11	107	282	41.8%
10/21/2006 6:00	351	10	104	465	24.5%
10/21/2006 7:00	453	28	155	636	28.8%
10/21/2006 8:00	766	30	197	993	22.9%
10/21/2006 9:00	847	24	193	1064	20.4%
10/21/2006 10:00	985	29	217	1231	20.0%
10/21/2006 11:00	1177	36	232	1445	18.5%
10/21/2006 12:00	1227	35	243	1505	18.5%
10/21/2006 13:00	1295	26	232	1553	16.6%
10/21/2006 14:00	1209	16	201	1426	15.2%
10/21/2006 15:00	1222	23	220	1465	16.6%
10/21/2006 16:00	1201	24	207	1432	16.1%
10/21/2006 17:00	1141	14	185	1340	14.9%
10/21/2006 18:00	996	24	204	1224	18.6%
10/21/2006 19:00	795	20	176	991	19.8%
10/21/2006 20:00	648	24	172	844	23.2%
10/21/2006 21:00	592	11	160	763	22.4%
10/21/2006 22:00	522	8	109	639	18.3%
10/21/2006 23:00	438	8	127	573	23.6%
10/22/2006 0:00	288	2	98	388	25.8%
10/22/2006 1:00	191	3	45	239	20.1%
10/22/2006 2:00	155	3	52	210	26.2%
10/22/2006 3:00	99	3	55	157	36.9%
10/22/2006 4:00	75	9	50	134	44.0%
10/22/2006 5:00	93	3	54	150	38.0%
10/22/2006 6:00	184	6	69	259	29.0%
10/22/2006 7:00	224	7	72	303	26.1%
10/22/2006 8:00	413	7	118	538	23.2%
10/22/2006 9:00	613	7	152	772	20.6%
10/22/2006 10:00	940	27	163	1130	16.8%
10/22/2006 11:00	1049	17	182	1248	15.9%
10/22/2006 12:00	1256	15	177	1448	13.3%
10/22/2006 13:00	1223	12	234	1469	16.7%
10/22/2006 14:00	1251	19	211	1481	15.5%
10/22/2006 15:00	1218	31	239	1488	18.1%
10/22/2006 16:00	1213	32	244	1489	18.5%
10/22/2006 17:00	1133	21	275	1429	20.7%
10/22/2006 18:00	958	21	271	1250	23.4%
10/22/2006 19:00	796	21	251	1068	25.5%
10/22/2006 20:00	736	20	248	1004	26.7%
10/22/2006 21:00	533	15	214	762	30.1%
10/22/2006 22:00	453	17	230	700	35.3%
10/22/2006 23:00	320	13	196	529	39.5%
10/23/2006 0:00	185	10	155	350	47.1%
10/23/2006 1:00	101	8	141	250	59.6%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/23/2006 2:00	72	3	138	213	66.2%
10/23/2006 3:00	51	10	131	192	73.4%
10/23/2006 4:00	85	5	158	248	65.7%
10/23/2006 5:00	265	17	207	489	45.8%
10/23/2006 6:00	789	41	222	1052	25.0%
10/23/2006 7:00	1229	76	260	1565	21.5%
10/23/2006 8:00	1200	94	329	1623	26.1%
10/23/2006 9:00	915	90	344	1349	32.2%
10/23/2006 10:00	920	67	336	1323	30.5%
10/23/2006 11:00	978	91	368	1437	31.9%
10/23/2006 12:00	1065	88	386	1539	30.8%
10/23/2006 13:00	990	83	458	1531	35.3%
10/23/2006 14:00	1175	90	450	1715	31.5%
10/23/2006 15:00	1424	81	417	1922	25.9%
10/23/2006 16:00	1385	70	468	1923	28.0%
10/23/2006 17:00	1322	38	463	1823	27.5%
10/23/2006 18:00	1035	40	435	1510	31.5%
10/23/2006 19:00	717	19	414	1150	37.7%
10/23/2006 20:00	645	17	403	1065	39.4%
10/23/2006 21:00	540	20	473	1033	47.7%
10/23/2006 22:00	419	22	375	816	48.7%
10/23/2006 23:00	271	14	320	605	55.2%
10/24/2006 0:00	142	9	268	419	66.1%
10/24/2006 1:00	77	9	261	347	77.8%
10/24/2006 2:00	60	12	211	283	78.8%
10/24/2006 3:00	52	11	201	264	80.3%
10/24/2006 4:00	73	16	232	321	77.3%
10/24/2006 5:00	286	15	241	542	47.2%
10/24/2006 6:00	793	41	303	1137	30.3%
10/24/2006 7:00	1196	55	309	1560	23.3%
10/24/2006 8:00	1131	77	385	1593	29.0%
10/24/2006 9:00	851	84	461	1396	39.0%
10/24/2006 10:00	863	79	487	1429	39.6%
10/24/2006 11:00	930	79	483	1492	37.7%
10/24/2006 12:00	1053	102	488	1643	35.9%
10/24/2006 13:00	921	72	476	1469	37.3%
10/24/2006 14:00	1078	83	554	1715	37.1%
10/24/2006 15:00	1378	93	518	1989	30.7%
10/24/2006 16:00	1370	60	526	1956	30.0%
10/24/2006 17:00	1399	49	522	1970	29.0%
10/24/2006 18:00	1079	37	517	1633	33.9%
10/24/2006 19:00	790	26	504	1320	40.2%
10/24/2006 20:00	700	28	412	1140	38.6%
10/24/2006 21:00	627	21	404	1052	40.4%
10/24/2006 22:00	398	13	395	806	50.6%
10/24/2006 23:00	294	15	320	629	53.3%
10/25/2006 0:00	165	15	276	456	63.8%
10/25/2006 1:00	81	16	246	343	76.4%
10/25/2006 2:00	89	14	203	306	70.9%
10/25/2006 3:00	56	10	218	284	80.3%
10/25/2006 4:00	66	9	204	279	76.3%
10/25/2006 5:00	280	16	261	557	49.7%
10/25/2006 6:00	780	39	281	1100	29.1%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/25/2006 7:00	1219	74	295	1588	23.2%
10/25/2006 8:00	1081	94	429	1604	32.6%
10/25/2006 9:00	813	83	390	1286	36.8%
10/25/2006 10:00	841	90	466	1397	39.8%
10/25/2006 11:00	958	66	479	1503	36.3%
10/25/2006 12:00	934	78	547	1559	40.1%
10/25/2006 13:00	1029	95	459	1583	35.0%
10/25/2006 14:00	1118	92	548	1758	36.4%
10/25/2006 15:00	1437	90	490	2017	28.8%
10/25/2006 16:00	1383	69	514	1966	29.7%
10/25/2006 17:00	1331	55	515	1901	30.0%
10/25/2006 18:00	1188	50	549	1787	33.5%
10/25/2006 19:00	813	31	450	1294	37.2%
10/25/2006 20:00	699	28	493	1220	42.7%
10/25/2006 21:00	572	21	430	1023	44.1%
10/25/2006 22:00	489	31	417	937	47.8%
10/25/2006 23:00	322	17	362	701	54.1%
10/26/2006 0:00	161	10	323	494	67.4%
10/26/2006 1:00	85	9	257	351	75.8%
10/26/2006 2:00	67	14	219	300	77.7%
10/26/2006 3:00	51	10	201	262	80.5%
10/26/2006 4:00	91	15	227	333	72.7%
10/26/2006 5:00	261	21	225	507	48.5%
10/26/2006 6:00	733	34	297	1064	31.1%
10/26/2006 7:00	1201	65	309	1575	23.7%
10/26/2006 8:00	1107	71	370	1548	28.5%
10/26/2006 9:00	957	58	392	1407	32.0%
10/26/2006 10:00	899	53	442	1394	35.5%
10/26/2006 11:00	929	65	454	1448	35.8%
10/26/2006 12:00	1016	78	437	1531	33.6%
10/26/2006 13:00	1097	85	528	1710	35.8%
10/26/2006 14:00	1166	85	522	1773	34.2%
10/26/2006 15:00	1484	82	454	2020	26.5%
10/26/2006 16:00	1509	73	511	2093	27.9%
10/26/2006 17:00	1462	52	487	2001	26.9%
10/26/2006 18:00	1157	37	515	1709	32.3%
10/26/2006 19:00	809	24	461	1294	37.5%
10/26/2006 20:00	682	13	411	1106	38.3%
10/26/2006 21:00	686	23	434	1143	40.0%
10/26/2006 22:00	459	27	364	850	46.0%
10/26/2006 23:00	336	23	323	682	50.7%
10/27/2006 0:00	209	14	248	471	55.6%
10/27/2006 1:00	116	13	203	332	65.1%
10/27/2006 2:00	118	16	202	336	64.9%
10/27/2006 3:00	64	10	206	280	77.1%
10/27/2006 4:00	84	14	223	321	73.8%
10/27/2006 5:00	257	15	243	515	50.1%
10/27/2006 6:00	744	33	261	1038	28.3%
10/27/2006 7:00	1118	76	281	1475	24.2%
10/27/2006 8:00	1102	98	359	1559	29.3%
10/27/2006 9:00	954	81	393	1428	33.2%
10/27/2006 10:00	891	84	372	1347	33.9%
10/27/2006 11:00	1044	90	391	1525	31.5%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/27/2006 12:00	1111	87	439	1637	32.1%
10/27/2006 13:00	1194	85	448	1727	30.9%
10/27/2006 14:00	1296	83	397	1776	27.0%
10/27/2006 15:00	1586	86	383	2055	22.8%
10/27/2006 16:00	1434	50	363	1847	22.4%
10/27/2006 17:00	1338	42	379	1759	23.9%
10/27/2006 18:00	1164	42	385	1591	26.8%
10/27/2006 19:00	893	26	338	1257	29.0%
10/27/2006 20:00	752	15	326	1093	31.2%
10/27/2006 21:00	638	18	273	929	31.3%
10/27/2006 22:00	550	19	256	825	33.3%
10/27/2006 23:00	532	13	229	774	31.3%
10/28/2006 0:00	303	10	240	553	45.2%
10/28/2006 1:00	150	13	133	296	49.3%
10/28/2006 2:00	104	13	105	222	53.2%
10/28/2006 3:00	89	22	111	222	59.9%
10/28/2006 4:00	103	12	127	242	57.4%
10/28/2006 5:00	194	7	113	314	38.2%
10/28/2006 6:00	332	20	133	485	31.5%
10/28/2006 7:00	467	25	130	622	24.9%
10/28/2006 8:00	650	31	200	881	26.2%
10/28/2006 9:00	894	33	168	1095	18.4%
10/28/2006 10:00	957	40	223	1220	21.6%
10/28/2006 11:00	1080	29	255	1364	20.8%
10/28/2006 12:00	1204	27	239	1470	18.1%
10/28/2006 13:00	1212	23	228	1463	17.2%
10/28/2006 14:00	1238	20	219	1477	16.2%
10/28/2006 15:00	1091	28	234	1353	19.4%
10/28/2006 16:00	1118	21	204	1343	16.8%
10/28/2006 17:00	996	23	193	1212	17.8%
10/28/2006 18:00	899	14	236	1149	21.8%
10/28/2006 19:00	775	11	170	956	18.9%
10/28/2006 20:00	639	9	167	815	21.6%
10/28/2006 21:00	488	4	163	655	25.5%
10/28/2006 22:00	419	10	108	537	22.0%
10/28/2006 23:00	391	10	112	513	23.8%
10/29/2006 0:00	301	4	104	409	26.4%
10/29/2006 1:00	200	5	63	268	25.4%
10/29/2006 2:00	146	4	55	205	28.8%
10/29/2006 3:00	94	1	48	143	34.3%
10/29/2006 4:00	72	0	35	107	32.7%
10/29/2006 5:00	63	1	28	92	31.5%
10/29/2006 6:00	125	3	58	186	32.8%
10/29/2006 7:00	210	8	64	282	25.5%
10/29/2006 8:00	288	11	89	388	25.8%
10/29/2006 9:00	524	8	128	660	20.6%
10/29/2006 10:00	701	13	191	905	22.5%
10/29/2006 11:00	1058	18	196	1272	16.8%
10/29/2006 12:00	1107	21	202	1330	16.8%
10/29/2006 13:00	1259	23	200	1482	15.0%
10/29/2006 14:00	1280	19	206	1505	15.0%
10/29/2006 15:00	1259	19	239	1517	17.0%
10/29/2006 16:00	1278	19	224	1521	16.0%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/29/2006 17:00	1207	26	261	1494	19.2%
10/29/2006 18:00	1069	27	262	1358	21.3%
10/29/2006 19:00	988	15	263	1266	22.0%
10/29/2006 20:00	831	20	247	1098	24.3%
10/29/2006 21:00	616	12	228	856	28.0%
10/29/2006 22:00	497	14	213	724	31.4%
10/29/2006 23:00	422	15	190	627	32.7%
10/30/2006 0:00	328	16	178	522	37.2%
10/30/2006 1:00	166	7	149	322	48.4%
10/30/2006 2:00	92	7	115	214	57.0%
10/30/2006 3:00	59	9	123	191	69.1%
10/30/2006 4:00	63	10	140	213	70.4%
10/30/2006 5:00	105	9	176	290	63.8%
10/30/2006 6:00	299	11	172	482	38.0%
10/30/2006 7:00	864	45	244	1153	25.1%
10/30/2006 8:00	1243	59	273	1575	21.1%
10/30/2006 9:00	1119	77	316	1512	26.0%
10/30/2006 10:00	922	56	332	1310	29.6%
10/30/2006 11:00	874	73	355	1302	32.9%
10/30/2006 12:00	992	73	368	1433	30.8%
10/30/2006 13:00	990	67	366	1423	30.4%
10/30/2006 14:00	935	74	422	1431	34.7%
10/30/2006 15:00	1099	71	416	1586	30.7%
10/30/2006 16:00	1413	82	441	1936	27.0%
10/30/2006 17:00	1296	51	498	1845	29.8%
10/30/2006 18:00	1374	52	459	1885	27.1%
10/30/2006 19:00	1025	34	443	1502	31.8%
10/30/2006 20:00	730	19	448	1197	39.0%
10/30/2006 21:00	674	24	453	1151	41.4%
10/30/2006 22:00	562	18	445	1025	45.2%
10/30/2006 23:00	391	11	308	710	44.9%
10/31/2006 0:00	287	14	333	634	54.7%
10/31/2006 1:00	167	13	257	437	61.8%
10/31/2006 2:00	100	12	248	360	72.2%
10/31/2006 3:00	61	9	189	259	76.4%
10/31/2006 4:00	46	18	221	285	83.9%
10/31/2006 5:00	94	7	232	333	71.8%
10/31/2006 6:00	270	17	248	535	49.5%
10/31/2006 7:00	842	43	249	1134	25.7%
10/31/2006 8:00	1239	67	299	1605	22.8%
10/31/2006 9:00	852	97	354	1303	34.6%
10/31/2006 10:00	884	83	426	1393	36.5%
10/31/2006 11:00	850	99	458	1407	39.6%
10/31/2006 12:00	929	84	561	1574	41.0%
10/31/2006 13:00	933	87	441	1461	36.1%
10/31/2006 14:00	902	84	516	1502	39.9%
10/31/2006 15:00	1073	116	553	1742	38.4%
10/31/2006 16:00	1353	81	509	1943	30.4%
10/31/2006 17:00	1303	68	358	1729	24.6%
10/31/2006 18:00	1201	49	482	1732	30.7%
10/31/2006 19:00	724	31	444	1199	39.6%
10/31/2006 20:00	597	32	521	1150	48.1%
10/31/2006 21:00	558	24	437	1019	45.2%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
10/31/2006 22:00	527	20	381	928	43.2%
10/31/2006 23:00	342	8	345	695	50.8%
11/1/2006 0:00	304	20	373	697	56.4%
11/1/2006 1:00	170	8	274	452	62.4%
11/1/2006 2:00	91	19	236	346	73.7%
11/1/2006 3:00	70	16	217	303	76.9%
11/1/2006 4:00	68	15	189	272	75.0%
11/1/2006 5:00	89	20	241	350	74.6%
11/1/2006 6:00	299	15	285	599	50.1%
11/1/2006 7:00	804	39	291	1134	29.1%
11/1/2006 8:00	1234	94	303	1631	24.3%
11/1/2006 9:00	846	95	301	1242	31.9%
11/1/2006 10:00	859	82	457	1398	38.6%
11/1/2006 11:00	860	100	459	1419	39.4%
11/1/2006 12:00	952	100	528	1580	39.7%
11/1/2006 13:00	1036	109	512	1657	37.5%
11/1/2006 14:00	972	115	491	1578	38.4%
11/1/2006 15:00	1114	103	520	1737	35.9%
11/1/2006 16:00	1318	115	528	1961	32.8%
11/1/2006 17:00	1271	104	507	1882	32.5%
11/1/2006 18:00	1445	45	569	2059	29.8%
11/1/2006 19:00	1175	31	543	1749	32.8%
11/1/2006 20:00	712	33	555	1300	45.2%
11/1/2006 21:00	671	25	497	1193	43.8%
11/1/2006 22:00	554	30	373	957	42.1%
11/1/2006 23:00	421	22	376	819	48.6%
11/2/2006 0:00	302	16	351	669	54.9%
11/2/2006 1:00	154	12	275	441	65.1%
11/2/2006 2:00	73	9	244	326	77.6%
11/2/2006 3:00	68	9	213	290	76.6%
11/2/2006 4:00	49	14	208	271	81.9%
11/2/2006 5:00	96	17	242	355	73.0%
11/2/2006 6:00	313	13	238	564	44.5%
11/2/2006 7:00	812	44	307	1163	30.2%
11/2/2006 8:00	1227	63	323	1613	23.9%
11/2/2006 9:00	1058	77	428	1563	32.3%
11/2/2006 10:00	900	72	446	1418	36.5%
11/2/2006 11:00	845	69	482	1396	39.5%
11/2/2006 12:00	986	69	505	1560	36.8%
11/2/2006 13:00	985	73	543	1601	38.5%
11/2/2006 14:00	1067	95	523	1685	36.7%
11/2/2006 15:00	1349	97	496	1942	30.5%
11/2/2006 16:00	1328	59	475	1862	28.7%
11/2/2006 17:00	1342	46	461	1849	27.4%
11/2/2006 18:00	1149	36	470	1655	30.6%
11/2/2006 19:00	816	27	450	1293	36.9%
11/2/2006 20:00	636	25	394	1055	39.7%
11/2/2006 21:00	632	17	354	1003	37.0%
11/2/2006 22:00	480	13	321	814	41.0%
11/2/2006 23:00	312	11	333	656	52.4%
11/3/2006 0:00	205	11	267	483	57.6%
11/3/2006 1:00	104	14	294	412	74.8%
11/3/2006 2:00	77	14	205	296	74.0%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/3/2006 3:00	71	25	198	294	75.9%
11/3/2006 4:00	82	16	200	298	72.5%
11/3/2006 5:00	279	21	259	559	50.1%
11/3/2006 6:00	721	40	262	1023	29.5%
11/3/2006 7:00	1161	65	303	1529	24.1%
11/3/2006 8:00	1080	95	401	1576	31.5%
11/3/2006 9:00	917	79	426	1422	35.5%
11/3/2006 10:00	941	84	401	1426	34.0%
11/3/2006 11:00	1039	81	444	1564	33.6%
11/3/2006 12:00	1136	73	426	1635	30.5%
11/3/2006 13:00	1065	83	423	1571	32.2%
11/3/2006 14:00	1329	73	407	1809	26.5%
11/3/2006 15:00	1711	88	423	2222	23.0%
11/3/2006 16:00	1543	60	361	1964	21.4%
11/3/2006 17:00	1451	48	406	1905	23.8%
11/3/2006 18:00	1175	25	380	1580	25.6%
11/3/2006 19:00	871	29	316	1216	28.4%
11/3/2006 20:00	713	17	334	1064	33.0%
11/3/2006 21:00	646	16	302	964	33.0%
11/3/2006 22:00	541	17	286	844	35.9%
11/3/2006 23:00	437	21	237	695	37.1%
11/4/2006 0:00	322	7	176	505	36.2%
11/4/2006 1:00	212	7	179	398	46.7%
11/4/2006 2:00	136	5	137	278	51.1%
11/4/2006 3:00	89	12	139	240	62.9%
11/4/2006 4:00	90	6	111	207	56.5%
11/4/2006 5:00	176	13	124	313	43.8%
11/4/2006 6:00	382	20	127	529	27.8%
11/4/2006 7:00	469	21	150	640	26.7%
11/4/2006 8:00	743	29	204	976	23.9%
11/4/2006 9:00	857	39	236	1132	24.3%
11/4/2006 10:00	977	37	245	1259	22.4%
11/4/2006 11:00	1145	38	223	1406	18.6%
11/4/2006 12:00	1255	37	217	1509	16.8%
11/4/2006 13:00	1220	35	239	1494	18.3%
11/4/2006 14:00	1258	30	228	1516	17.0%
11/4/2006 15:00	1242	38	213	1493	16.8%
11/4/2006 16:00	1185	29	249	1463	19.0%
11/4/2006 17:00	1094	24	223	1341	18.4%
11/4/2006 18:00	972	28	196	1196	18.7%
11/4/2006 19:00	755	12	196	963	21.6%
11/4/2006 20:00	562	12	176	750	25.1%
11/4/2006 21:00	577	9	160	746	22.7%
11/4/2006 22:00	478	9	140	627	23.8%
11/4/2006 23:00	374	6	112	492	24.0%
11/5/2006 0:00	255	7	71	333	23.4%
11/5/2006 1:00	177	4	69	250	29.2%
11/5/2006 2:00	154	0	49	203	24.1%
11/5/2006 3:00	101	3	41	145	30.3%
11/5/2006 4:00	83	5	44	132	37.1%
11/5/2006 5:00	110	3	55	168	34.5%
11/5/2006 6:00	185	6	62	253	26.9%
11/5/2006 7:00	268	9	94	371	27.8%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/5/2006 8:00	425	11	114	550	22.7%
11/5/2006 9:00	686	9	153	848	19.1%
11/5/2006 10:00	977	19	178	1174	16.8%
11/5/2006 11:00	1123	20	198	1341	16.3%
11/5/2006 12:00	1296	15	174	1485	12.7%
11/5/2006 13:00	1389	24	209	1622	14.4%
11/5/2006 14:00	1334	20	213	1567	14.9%
11/5/2006 15:00	1329	26	230	1585	16.2%
11/5/2006 16:00	1312	30	248	1590	17.5%
11/5/2006 17:00	1173	21	257	1451	19.2%
11/5/2006 18:00	1034	24	247	1305	20.8%
11/5/2006 19:00	822	18	268	1108	25.8%
11/5/2006 20:00	620	19	251	890	30.3%
11/5/2006 21:00	483	15	253	751	35.7%
11/5/2006 22:00	417	14	219	650	35.8%
11/5/2006 23:00	261	10	179	450	42.0%
11/6/2006 0:00	99	8	135	242	59.1%
11/6/2006 1:00	75	9	131	215	65.1%
11/6/2006 2:00	64	7	115	186	65.6%
11/6/2006 3:00	50	10	149	209	76.1%
11/6/2006 4:00	100	13	162	275	63.6%
11/6/2006 5:00	267	12	213	492	45.7%
11/6/2006 6:00	781	36	227	1044	25.2%
11/6/2006 7:00	1230	68	259	1557	21.0%
11/6/2006 8:00	1084	83	305	1472	26.4%
11/6/2006 9:00	869	63	350	1282	32.2%
11/6/2006 10:00	882	73	327	1282	31.2%
11/6/2006 11:00	875	76	333	1284	31.9%
11/6/2006 12:00	942	65	354	1361	30.8%
11/6/2006 13:00	933	61	412	1406	33.6%
11/6/2006 14:00	1151	79	415	1645	30.0%
11/6/2006 15:00	1351	76	394	1821	25.8%
11/6/2006 16:00	1343	50	422	1815	26.0%
11/6/2006 17:00	1395	39	439	1873	25.5%
11/6/2006 18:00	1094	37	484	1615	32.3%
11/6/2006 19:00	711	25	430	1166	39.0%
11/6/2006 20:00	630	15	412	1057	40.4%
11/6/2006 21:00	534	14	429	977	45.3%
11/6/2006 22:00	396	17	380	793	50.1%
11/6/2006 23:00	295	12	298	605	51.2%
11/7/2006 0:00	167	24	295	486	65.6%
11/7/2006 1:00	85	7	258	350	75.7%
11/7/2006 2:00	65	14	180	259	74.9%
11/7/2006 3:00	57	14	193	264	78.4%
11/7/2006 4:00	86	14	213	313	72.5%
11/7/2006 5:00	263	14	240	517	49.1%
11/7/2006 6:00	737	30	264	1031	28.5%
11/7/2006 7:00	1120	58	306	1484	24.5%
11/7/2006 8:00	1012	82	378	1472	31.3%
11/7/2006 9:00	822	77	421	1320	37.7%
11/7/2006 10:00	834	83	454	1371	39.2%
11/7/2006 11:00	911	71	437	1419	35.8%
11/7/2006 12:00	951	68	477	1496	36.4%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/7/2006 13:00	916	78	464	1458	37.2%
11/7/2006 14:00	1056	69	454	1579	33.1%
11/7/2006 15:00	1339	67	418	1824	26.6%
11/7/2006 16:00	1340	45	484	1869	28.3%
11/7/2006 17:00	1416	40	429	1885	24.9%
11/7/2006 18:00	1088	34	510	1632	33.3%
11/7/2006 19:00	724	14	417	1155	37.3%
11/7/2006 20:00	608	26	411	1045	41.8%
11/7/2006 21:00	597	13	349	959	37.7%
11/7/2006 22:00	442	15	338	795	44.4%
11/7/2006 23:00	297	13	304	614	51.6%
11/8/2006 0:00	178	15	265	458	61.1%
11/8/2006 1:00	77	14	220	311	75.2%
11/8/2006 2:00	68	12	177	257	73.5%
11/8/2006 3:00	40	15	185	240	83.3%
11/8/2006 4:00	77	10	249	336	77.1%
11/8/2006 5:00	265	16	217	498	46.8%
11/8/2006 6:00	776	31	266	1073	27.7%
11/8/2006 7:00	1143	58	353	1554	26.4%
11/8/2006 8:00	1178	71	371	1620	27.3%
11/8/2006 9:00	888	68	411	1367	35.0%
11/8/2006 10:00	816	72	490	1378	40.8%
11/8/2006 11:00	918	66	465	1449	36.6%
11/8/2006 12:00	977	82	468	1527	36.0%
11/8/2006 13:00	957	67	507	1531	37.5%
11/8/2006 14:00	1077	76	524	1677	35.8%
11/8/2006 15:00	1438	71	493	2002	28.2%
11/8/2006 16:00	1336	62	489	1887	29.2%
11/8/2006 17:00	1350	45	547	1942	30.5%
11/8/2006 18:00	1139	41	528	1708	33.3%
11/8/2006 19:00	814	31	497	1342	39.3%
11/8/2006 20:00	674	24	447	1145	41.1%
11/8/2006 21:00	605	20	425	1050	42.4%
11/8/2006 22:00	468	30	358	856	45.3%
11/8/2006 23:00	357	14	312	683	47.7%
11/9/2006 0:00	174	7	258	439	60.4%
11/9/2006 1:00	102	12	248	362	71.8%
11/9/2006 2:00	71	11	210	292	75.7%
11/9/2006 3:00	54	14	189	257	79.0%
11/9/2006 4:00	87	13	247	347	74.9%
11/9/2006 5:00	181	15	212	408	55.6%
11/9/2006 6:00	503	40	261	804	37.4%
11/9/2006 7:00	748	53	306	1107	32.4%
11/9/2006 8:00	976	78	385	1439	32.2%
11/9/2006 9:00	905	81	392	1378	34.3%
11/9/2006 10:00	870	68	468	1406	38.1%
11/9/2006 11:00	951	88	460	1499	36.6%
11/9/2006 12:00	1007	55	528	1590	36.7%
11/9/2006 13:00	1063	69	499	1631	34.8%
11/9/2006 14:00	1132	69	447	1648	31.3%
11/9/2006 15:00	1399	86	473	1958	28.5%
11/9/2006 16:00	1436	68	498	2002	28.3%
11/9/2006 17:00	1465	51	458	1974	25.8%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/9/2006 18:00	1198	40	535	1773	32.4%
11/9/2006 19:00	811	21	481	1313	38.2%
11/9/2006 20:00	640	21	441	1102	41.9%
11/9/2006 21:00	602	21	364	987	39.0%
11/9/2006 22:00	463	10	348	821	43.6%
11/9/2006 23:00	331	13	341	685	51.7%
11/10/2006 0:00	186	13	271	470	60.4%
11/10/2006 1:00	113	13	228	354	68.1%
11/10/2006 2:00	87	15	185	287	69.7%
11/10/2006 3:00	68	17	200	285	76.1%
11/10/2006 4:00	88	11	207	306	71.2%
11/10/2006 5:00	255	17	276	548	53.5%
11/10/2006 6:00	700	35	282	1017	31.2%
11/10/2006 7:00	1060	44	293	1397	24.1%
11/10/2006 8:00	1104	65	350	1519	27.3%
11/10/2006 9:00	872	57	356	1285	32.1%
11/10/2006 10:00	957	71	387	1415	32.4%
11/10/2006 11:00	1085	62	419	1566	30.7%
11/10/2006 12:00	1155	77	428	1660	30.4%
11/10/2006 13:00	1138	77	436	1651	31.1%
11/10/2006 14:00	1288	88	384	1760	26.8%
11/10/2006 15:00	1498	78	385	1961	23.6%
11/10/2006 16:00	1434	67	409	1910	24.9%
11/10/2006 17:00	1439	42	381	1862	22.7%
11/10/2006 18:00	1164	31	393	1588	26.7%
11/10/2006 19:00	896	22	380	1298	31.0%
11/10/2006 20:00	687	15	297	999	31.2%
11/10/2006 21:00	633	18	351	1002	36.8%
11/10/2006 22:00	527	21	265	813	35.2%
11/10/2006 23:00	424	13	207	644	34.2%
11/11/2006 0:00	257	7	124	388	33.8%
11/11/2006 1:00	147	12	203	362	59.4%
11/11/2006 2:00	114	7	133	254	55.1%
11/11/2006 3:00	100	12	96	208	51.9%
11/11/2006 4:00	87	12	136	235	63.0%
11/11/2006 5:00	154	2	100	256	39.8%
11/11/2006 6:00	331	3	125	459	27.9%
11/11/2006 7:00	428	21	151	600	28.7%
11/11/2006 8:00	609	25	183	817	25.5%
11/11/2006 9:00	803	26	209	1038	22.6%
11/11/2006 10:00	943	27	233	1203	21.6%
11/11/2006 11:00	1065	31	247	1343	20.7%
11/11/2006 12:00	1215	32	226	1473	17.5%
11/11/2006 13:00	1153	25	231	1409	18.2%
11/11/2006 14:00	1255	17	240	1512	17.0%
11/11/2006 15:00	1223	23	222	1468	16.7%
11/11/2006 16:00	1273	23	246	1542	17.4%
11/11/2006 17:00	1092	24	221	1337	18.3%
11/11/2006 18:00	925	20	167	1112	16.8%
11/11/2006 19:00	788	12	186	986	20.1%
11/11/2006 20:00	687	10	150	847	18.9%
11/11/2006 21:00	620	15	156	791	21.6%
11/11/2006 22:00	459	15	139	613	25.1%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/11/2006 23:00	349	9	106	464	24.8%
11/12/2006 0:00	239	2	79	320	25.3%
11/12/2006 1:00	155	6	86	247	37.2%
11/12/2006 2:00	107	6	51	164	34.8%
11/12/2006 3:00	99	1	41	141	29.8%
11/12/2006 4:00	79	3	34	116	31.9%
11/12/2006 5:00	94	4	68	166	43.4%
11/12/2006 6:00	182	6	69	257	29.2%
11/12/2006 7:00	207	4	100	311	33.4%
11/12/2006 8:00	442	9	132	583	24.2%
11/12/2006 9:00	636	12	149	797	20.2%
11/12/2006 10:00	960	8	147	1115	13.9%
11/12/2006 11:00	1044	14	205	1263	17.3%
11/12/2006 12:00	1235	14	170	1419	13.0%
11/12/2006 13:00	1173	13	195	1381	15.1%
11/12/2006 14:00	1158	23	216	1397	17.1%
11/12/2006 15:00	1291	22	220	1533	15.8%
11/12/2006 16:00	1233	30	234	1497	17.6%
11/12/2006 17:00	1171	20	253	1444	18.9%
11/12/2006 18:00	973	20	225	1218	20.1%
11/12/2006 19:00	823	22	248	1093	24.7%
11/12/2006 20:00	650	11	233	894	27.3%
11/12/2006 21:00	457	12	207	676	32.4%
11/12/2006 22:00	432	20	178	630	31.4%
11/12/2006 23:00	287	15	185	487	41.1%
11/13/2006 0:00	139	9	112	260	46.5%
11/13/2006 1:00	69	8	119	196	64.8%
11/13/2006 2:00	60	10	120	190	68.4%
11/13/2006 3:00	58	9	141	208	72.1%
11/13/2006 4:00	95	10	142	247	61.5%
11/13/2006 5:00	256	16	167	439	41.7%
11/13/2006 6:00	691	41	205	937	26.3%
11/13/2006 7:00	1104	53	245	1402	21.3%
11/13/2006 8:00	1095	72	282	1449	24.4%
11/13/2006 9:00	920	63	307	1290	28.7%
11/13/2006 10:00	785	53	289	1127	30.3%
11/13/2006 11:00	954	60	296	1310	27.2%
11/13/2006 12:00	1021	66	374	1461	30.1%
11/13/2006 13:00	990	70	359	1419	30.2%
11/13/2006 14:00	1180	84	338	1602	26.3%
11/13/2006 15:00	1365	59	409	1833	25.5%
11/13/2006 16:00	1314	60	425	1799	27.0%
11/13/2006 17:00	1304	45	427	1776	26.6%
11/13/2006 18:00	1021	33	419	1473	30.7%
11/13/2006 19:00	683	20	382	1085	37.1%
11/13/2006 20:00	581	22	424	1027	43.4%
11/13/2006 21:00	556	20	378	954	41.7%
11/13/2006 22:00	385	17	351	753	48.9%
11/13/2006 23:00	297	14	294	605	50.9%
11/14/2006 0:00	140	10	250	400	65.0%
11/14/2006 1:00	77	10	197	284	72.9%
11/14/2006 2:00	68	13	188	269	74.7%
11/14/2006 3:00	46	14	202	262	82.4%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/14/2006 4:00	82	15	216	313	73.8%
11/14/2006 5:00	281	21	221	523	46.3%
11/14/2006 6:00	756	39	237	1032	26.7%
11/14/2006 7:00	1186	68	316	1570	24.5%
11/14/2006 8:00	1047	80	358	1485	29.5%
11/14/2006 9:00	845	68	438	1351	37.5%
11/14/2006 10:00	875	70	432	1377	36.5%
11/14/2006 11:00	926	55	445	1426	35.1%
11/14/2006 12:00	992	56	475	1523	34.9%
11/14/2006 13:00	890	66	498	1454	38.8%
11/14/2006 14:00	1085	74	507	1666	34.9%
11/14/2006 15:00	1396	78	470	1944	28.2%
11/14/2006 16:00	1383	57	525	1965	29.6%
11/14/2006 17:00	1437	45	516	1998	28.1%
11/14/2006 18:00	1054	30	487	1571	32.9%
11/14/2006 19:00	709	34	498	1241	42.9%
11/14/2006 20:00	611	26	500	1137	46.3%
11/14/2006 21:00	564	15	411	990	43.0%
11/14/2006 22:00	416	12	426	854	51.3%
11/14/2006 23:00	286	9	355	650	56.0%
11/15/2006 0:00	163	15	258	436	62.6%
11/15/2006 1:00	79	14	237	330	76.1%
11/15/2006 2:00	55	11	226	292	81.2%
11/15/2006 3:00	54	10	215	279	80.6%
11/15/2006 4:00	93	13	252	358	74.0%
11/15/2006 5:00	281	20	254	555	49.4%
11/15/2006 6:00	723	43	299	1065	32.1%
11/15/2006 7:00	1151	60	339	1550	25.7%
11/15/2006 8:00	1070	96	400	1566	31.7%
11/15/2006 9:00	795	69	430	1294	38.6%
11/15/2006 10:00	767	60	484	1311	41.5%
11/15/2006 11:00	952	71	498	1521	37.4%
11/15/2006 12:00	958	69	540	1567	38.9%
11/15/2006 13:00	1006	69	491	1566	35.8%
11/15/2006 14:00	1137	95	577	1809	37.1%
11/15/2006 15:00	1317	92	527	1936	32.0%
11/15/2006 16:00	1228	74	475	1777	30.9%
11/15/2006 17:00	1252	49	478	1779	29.6%
11/15/2006 18:00	1133	37	557	1727	34.4%
11/15/2006 19:00	834	24	483	1341	37.8%
11/15/2006 20:00	650	15	445	1110	41.4%
11/15/2006 21:00	598	14	429	1041	42.6%
11/15/2006 22:00	436	18	404	858	49.2%
11/15/2006 23:00	318	19	345	682	53.4%
11/16/2006 0:00	176	20	271	467	62.3%
11/16/2006 1:00	85	17	243	345	75.4%
11/16/2006 2:00	70	11	216	297	76.4%
11/16/2006 3:00	46	10	235	291	84.2%
11/16/2006 4:00	91	16	243	350	74.0%
11/16/2006 5:00	283	25	252	560	49.5%
11/16/2006 6:00	728	31	278	1037	29.8%
11/16/2006 7:00	1029	52	323	1404	26.7%
11/16/2006 8:00	967	64	367	1398	30.8%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/16/2006 9:00	726	59	389	1174	38.2%
11/16/2006 10:00	762	59	463	1284	40.7%
11/16/2006 11:00	917	63	472	1452	36.8%
11/16/2006 12:00				0	#DIV/0!
11/16/2006 13:00	915	69	515	1499	39.0%
11/16/2006 14:00	1040	75	527	1642	36.7%
11/16/2006 15:00	1379	65	473	1917	28.1%
11/16/2006 16:00	1326	60	445	1831	27.6%
11/16/2006 17:00	1288	45	482	1815	29.0%
11/16/2006 18:00	1136	47	481	1664	31.7%
11/16/2006 19:00	803	27	464	1294	37.9%
11/16/2006 20:00	635	21	466	1122	43.4%
11/16/2006 21:00	607	15	418	1040	41.6%
11/16/2006 22:00	483	16	379	878	45.0%
11/16/2006 23:00	348	16	330	694	49.9%
11/17/2006 0:00	161	17	257	435	63.0%
11/17/2006 1:00	109	12	263	384	71.6%
11/17/2006 2:00	71	18	201	290	75.5%
11/17/2006 3:00	67	11	239	317	78.9%
11/17/2006 4:00	96	12	204	312	69.2%
11/17/2006 5:00	279	21	217	517	46.0%
11/17/2006 6:00	746	25	273	1044	28.5%
11/17/2006 7:00	1148	55	312	1515	24.2%
11/17/2006 8:00	1049	82	339	1470	28.6%
11/17/2006 9:00	876	70	421	1367	35.9%
11/17/2006 10:00	908	82	387	1377	34.1%
11/17/2006 11:00	1030	54	457	1541	33.2%
11/17/2006 12:00	1095	63	411	1569	30.2%
11/17/2006 13:00	1017	97	463	1577	35.5%
11/17/2006 14:00	1246	75	447	1768	29.5%
11/17/2006 15:00	1514	92	431	2037	25.7%
11/17/2006 16:00	1550	47	400	1997	22.4%
11/17/2006 17:00	1381	53	405	1839	24.9%
11/17/2006 18:00	1193	28	425	1646	27.5%
11/17/2006 19:00	912	24	415	1351	32.5%
11/17/2006 20:00	731	18	344	1093	33.1%
11/17/2006 21:00	670	23	310	1003	33.2%
11/17/2006 22:00	488	21	260	769	36.5%
11/17/2006 23:00	457	24	263	744	38.6%
11/18/2006 0:00	251	14	193	458	45.2%
11/18/2006 1:00	163	10	156	329	50.5%
11/18/2006 2:00	128	12	158	298	57.0%
11/18/2006 3:00	83	7	122	212	60.8%
11/18/2006 4:00	79	8	117	204	61.3%
11/18/2006 5:00	176	10	123	309	43.0%
11/18/2006 6:00	342	12	144	498	31.3%
11/18/2006 7:00	461	31	181	673	31.5%
11/18/2006 8:00	652	30	217	899	27.5%
11/18/2006 9:00	785	23	218	1026	23.5%
11/18/2006 10:00	967	24	225	1216	20.5%
11/18/2006 11:00	1101	28	278	1407	21.7%
11/18/2006 12:00	1166	30	279	1475	20.9%
11/18/2006 13:00	1199	27	234	1460	17.9%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/18/2006 14:00	1246	20	252	1518	17.9%
11/18/2006 15:00	1272	16	226	1514	16.0%
11/18/2006 16:00	1140	24	228	1392	18.1%
11/18/2006 17:00	1094	19	255	1368	20.0%
11/18/2006 18:00	897	21	220	1138	21.2%
11/18/2006 19:00	768	13	192	973	21.1%
11/18/2006 20:00	592	7	165	764	22.5%
11/18/2006 21:00	544	11	142	697	22.0%
11/18/2006 22:00	519	10	147	676	23.2%
11/18/2006 23:00	403	11	91	505	20.2%
11/19/2006 0:00	262	4	97	363	27.8%
11/19/2006 1:00	155	0	62	217	28.6%
11/19/2006 2:00	112	2	62	176	36.4%
11/19/2006 3:00	96	3	39	138	30.4%
11/19/2006 4:00	64	4	38	106	39.6%
11/19/2006 5:00	88	4	59	151	41.7%
11/19/2006 6:00	166	0	67	233	28.8%
11/19/2006 7:00	220	8	82	310	29.0%
11/19/2006 8:00	415	8	135	558	25.6%
11/19/2006 9:00	668	8	145	821	18.6%
11/19/2006 10:00	836	13	198	1047	20.2%
11/19/2006 11:00	999	14	214	1227	18.6%
11/19/2006 12:00	1219	29	200	1448	15.8%
11/19/2006 13:00	1246	11	209	1466	15.0%
11/19/2006 14:00	1378	17	211	1606	14.2%
11/19/2006 15:00	1350	18	263	1631	17.2%
11/19/2006 16:00	1222	26	237	1485	17.7%
11/19/2006 17:00	1004	29	265	1298	22.7%
11/19/2006 18:00	923	14	281	1218	24.2%
11/19/2006 19:00	734	15	252	1001	26.7%
11/19/2006 20:00	613	12	223	848	27.7%
11/19/2006 21:00	464	14	255	733	36.7%
11/19/2006 22:00	406	11	187	604	32.8%
11/19/2006 23:00	287	10	208	505	43.2%
11/20/2006 0:00	132	2	143	277	52.3%
11/20/2006 1:00	78	9	141	228	65.8%
11/20/2006 2:00	52	9	135	196	73.5%
11/20/2006 3:00	54	10	123	187	71.1%
11/20/2006 4:00	91	12	194	297	69.4%
11/20/2006 5:00	281	12	199	492	42.9%
11/20/2006 6:00	720	30	232	982	26.7%
11/20/2006 7:00	1114	46	248	1408	20.9%
11/20/2006 8:00	1155	63	323	1541	25.0%
11/20/2006 9:00	871	61	344	1276	31.7%
11/20/2006 10:00	914	77	350	1341	31.8%
11/20/2006 11:00	961	66	359	1386	30.7%
11/20/2006 12:00	981	61	391	1433	31.5%
11/20/2006 13:00	988	60	450	1498	34.0%
11/20/2006 14:00	1038	65	455	1558	33.4%
11/20/2006 15:00	1393	67	421	1881	25.9%
11/20/2006 16:00	1314	50	489	1853	29.1%
11/20/2006 17:00	1318	43	472	1833	28.1%
11/20/2006 18:00	1001	42	485	1528	34.5%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/20/2006 19:00	699	26	486	1211	42.3%
11/20/2006 20:00	568	26	473	1067	46.8%
11/20/2006 21:00	551	19	454	1024	46.2%
11/20/2006 22:00	380	17	369	766	50.4%
11/20/2006 23:00	305	13	343	661	53.9%
11/21/2006 0:00	153	13	252	418	63.4%
11/21/2006 1:00	70	11	223	304	77.0%
11/21/2006 2:00	60	13	227	300	80.0%
11/21/2006 3:00	59	14	194	267	77.9%
11/21/2006 4:00	93	14	213	320	70.9%
11/21/2006 5:00	271	19	271	561	51.7%
11/21/2006 6:00	767	32	265	1064	27.9%
11/21/2006 7:00	1161	66	291	1518	23.5%
11/21/2006 8:00	1095	86	399	1580	30.7%
11/21/2006 9:00	880	65	424	1369	35.7%
11/21/2006 10:00	854	62	499	1415	39.6%
11/21/2006 11:00	912	75	463	1450	37.1%
11/21/2006 12:00	989	61	461	1511	34.5%
11/21/2006 13:00	940	71	487	1498	37.2%
11/21/2006 14:00	1089	72	525	1686	35.4%
11/21/2006 15:00	1450	84	522	2056	29.5%
11/21/2006 16:00	1396	62	463	1921	27.3%
11/21/2006 17:00	1413	50	495	1958	27.8%
11/21/2006 18:00	1079	44	506	1629	33.8%
11/21/2006 19:00	743	18	474	1235	39.8%
11/21/2006 20:00	637	22	388	1047	39.2%
11/21/2006 21:00	610	20	384	1014	39.8%
11/21/2006 22:00	435	10	376	821	47.0%
11/21/2006 23:00	339	18	323	680	50.1%
11/22/2006 0:00	164	16	253	433	62.1%
11/22/2006 1:00	94	6	217	317	70.3%
11/22/2006 2:00	66	13	194	273	75.8%
11/22/2006 3:00	55	13	187	255	78.4%
11/22/2006 4:00	85	20	210	315	73.0%
11/22/2006 5:00	292	19	240	551	47.0%
11/22/2006 6:00	708	33	260	1001	29.3%
11/22/2006 7:00	1186	52	345	1583	25.1%
11/22/2006 8:00	1179	83	371	1633	27.8%
11/22/2006 9:00	904	54	395	1353	33.2%
11/22/2006 10:00	858	51	410	1319	35.0%
11/22/2006 11:00	1040	61	453	1554	33.1%
11/22/2006 12:00	1083	59	446	1588	31.8%
11/22/2006 13:00	1105	62	447	1614	31.5%
11/22/2006 14:00	1221	72	473	1766	30.9%
11/22/2006 15:00	1511	69	424	2004	24.6%
11/22/2006 16:00	1500	77	464	2041	26.5%
11/22/2006 17:00	1504	58	387	1949	22.8%
11/22/2006 18:00	1067	34	437	1538	30.6%
11/22/2006 19:00	936	30	396	1362	31.3%
11/22/2006 20:00	756	43	366	1165	35.1%
11/22/2006 21:00	646	36	331	1013	36.2%
11/22/2006 22:00	505	33	325	863	41.5%
11/22/2006 23:00	395	23	292	710	44.4%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/23/2006 0:00	213	11	247	471	54.8%
11/23/2006 1:00	142	19	241	402	64.7%
11/23/2006 2:00	150	22	199	371	59.6%
11/23/2006 3:00	95	17	197	309	69.3%
11/23/2006 4:00	119	16	196	331	64.0%
11/23/2006 5:00	231	12	213	456	49.3%
11/23/2006 6:00	507	49	239	795	36.2%
11/23/2006 7:00	893	56	297	1246	28.3%
11/23/2006 8:00	1010	100	354	1464	31.0%
11/23/2006 9:00	876	73	389	1338	34.5%
11/23/2006 10:00	872	112	416	1400	37.7%
11/23/2006 11:00	999	102	349	1450	31.1%
11/23/2006 12:00	1014	81	386	1481	31.5%
11/23/2006 13:00	1099	67	283	1449	24.2%
11/23/2006 14:00	1119	63	277	1459	23.3%
11/23/2006 15:00	1373	63	309	1745	21.3%
11/23/2006 16:00	1470	60	289	1819	19.2%
11/23/2006 17:00	1370	32	223	1625	15.7%
11/23/2006 18:00	1068	29	196	1293	17.4%
11/23/2006 19:00	830	14	189	1033	19.7%
11/23/2006 20:00	632	16	180	828	23.7%
11/23/2006 21:00	619	14	149	782	20.8%
11/23/2006 22:00	445	8	162	615	27.6%
11/23/2006 23:00	377	4	126	507	25.6%
11/24/2006 0:00	182	5	134	321	43.3%
11/24/2006 1:00	121	3	110	234	48.3%
11/24/2006 2:00	135	3	108	246	45.1%
11/24/2006 3:00	177	4	107	288	38.5%
11/24/2006 4:00	223	10	89	322	30.7%
11/24/2006 5:00	346	10	124	480	27.9%
11/24/2006 6:00	645	13	140	798	19.2%
11/24/2006 7:00	944	65	163	1172	19.5%
11/24/2006 8:00	1072	68	202	1342	20.1%
11/24/2006 9:00	907	84	261	1252	27.6%
11/24/2006 10:00	1005	72	339	1416	29.0%
11/24/2006 11:00	1175	88	279	1542	23.8%
11/24/2006 12:00	1214	93	291	1598	24.0%
11/24/2006 13:00	1292	90	294	1676	22.9%
11/24/2006 14:00	1476	103	279	1858	20.6%
11/24/2006 15:00	1746	90	249	2085	16.3%
11/24/2006 16:00	1601	58	232	1891	15.3%
11/24/2006 17:00	1448	40	215	1703	15.0%
11/24/2006 18:00	1173	22	180	1375	14.7%
11/24/2006 19:00	966	26	169	1161	16.8%
11/24/2006 20:00	782	9	129	920	15.0%
11/24/2006 21:00	725	14	136	875	17.1%
11/24/2006 22:00	597	12	132	741	19.4%
11/24/2006 23:00	501	9	111	621	19.3%
11/25/2006 0:00	227	5	75	307	26.1%
11/25/2006 1:00	166	4	71	241	31.1%
11/25/2006 2:00	130	6	63	199	34.7%
11/25/2006 3:00	70	4	46	120	41.7%
11/25/2006 4:00	77	7	49	133	42.1%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/25/2006 5:00	156	9	75	240	35.0%
11/25/2006 6:00	335	13	89	437	23.3%
11/25/2006 7:00	434	32	90	556	21.9%
11/25/2006 8:00	639	25	113	777	17.8%
11/25/2006 9:00	768	19	135	922	16.7%
11/25/2006 10:00	999	24	127	1150	13.1%
11/25/2006 11:00	1099	29	121	1249	12.0%
11/25/2006 12:00	1236	35	159	1430	13.6%
11/25/2006 13:00	1248	29	158	1435	13.0%
11/25/2006 14:00	1268	29	157	1454	12.8%
11/25/2006 15:00	1343	17	124	1484	9.5%
11/25/2006 16:00	1193	19	134	1346	11.4%
11/25/2006 17:00	1038	19	132	1189	12.7%
11/25/2006 18:00	916	27	143	1086	15.7%
11/25/2006 19:00	729	14	131	874	16.6%
11/25/2006 20:00	580	9	113	702	17.4%
11/25/2006 21:00	612	10	171	793	22.8%
11/25/2006 22:00	483	14	105	602	19.8%
11/25/2006 23:00	390	5	107	502	22.3%
11/26/2006 0:00	230	6	81	317	27.4%
11/26/2006 1:00	183	5	47	235	22.1%
11/26/2006 2:00	158	2	41	201	21.4%
11/26/2006 3:00	106	1	29	136	22.1%
11/26/2006 4:00	69	1	47	117	41.0%
11/26/2006 5:00	117	6	55	178	34.3%
11/26/2006 6:00	166	3	65	234	29.1%
11/26/2006 7:00	224	15	97	336	33.3%
11/26/2006 8:00	446	9	117	572	22.0%
11/26/2006 9:00	697	14	129	840	17.0%
11/26/2006 10:00	951	8	145	1104	13.9%
11/26/2006 11:00	1137	9	189	1335	14.8%
11/26/2006 12:00	1381	19	182	1582	12.7%
11/26/2006 13:00	1444	20	172	1636	11.7%
11/26/2006 14:00	1346	22	210	1578	14.7%
11/26/2006 15:00	1375	21	263	1659	17.1%
11/26/2006 16:00	1308	23	265	1596	18.0%
11/26/2006 17:00	1264	28	252	1544	18.1%
11/26/2006 18:00	1090	25	282	1397	22.0%
11/26/2006 19:00	918	21	257	1196	23.2%
11/26/2006 20:00	666	5	213	884	24.7%
11/26/2006 21:00	568	13	207	788	27.9%
11/26/2006 22:00	467	16	206	689	32.2%
11/26/2006 23:00	327	16	221	564	42.0%
11/27/2006 0:00	172	6	147	325	47.1%
11/27/2006 1:00	100	9	133	242	58.7%
11/27/2006 2:00	67	9	140	216	69.0%
11/27/2006 3:00	46	10	127	183	74.9%
11/27/2006 4:00	104	5	180	289	64.0%
11/27/2006 5:00	295	18	215	528	44.1%
11/27/2006 6:00	776	29	265	1070	27.5%
11/27/2006 7:00	1101	61	300	1462	24.7%
11/27/2006 8:00	1102	80	351	1533	28.1%
11/27/2006 9:00	883	66	330	1279	31.0%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/27/2006 10:00	884	65	380	1329	33.5%
11/27/2006 11:00	936	79	415	1430	34.5%
11/27/2006 12:00	1021	71	451	1543	33.8%
11/27/2006 13:00	1050	84	436	1570	33.1%
11/27/2006 14:00	1170	75	477	1722	32.1%
11/27/2006 15:00	1341	64	484	1889	29.0%
11/27/2006 16:00	1429	69	481	1979	27.8%
11/27/2006 17:00	1363	50	477	1890	27.9%
11/27/2006 18:00	923	25	456	1404	34.3%
11/27/2006 19:00	683	32	516	1231	44.5%
11/27/2006 20:00	604	22	485	1111	45.6%
11/27/2006 21:00	536	19	438	993	46.0%
11/27/2006 22:00	389	20	359	768	49.3%
11/27/2006 23:00	289	15	387	691	58.2%
11/28/2006 0:00	161	20	272	453	64.5%
11/28/2006 1:00	73	16	229	318	77.0%
11/28/2006 2:00	67	24	206	297	77.4%
11/28/2006 3:00	49	13	194	256	80.9%
11/28/2006 4:00	89	16	205	310	71.3%
11/28/2006 5:00	265	14	302	581	54.4%
11/28/2006 6:00	740	32	307	1079	31.4%
11/28/2006 7:00	1142	70	355	1567	27.1%
11/28/2006 8:00	1036	63	427	1526	32.1%
11/28/2006 9:00	844	62	462	1368	38.3%
11/28/2006 10:00	849	75	536	1460	41.8%
11/28/2006 11:00	925	60	494	1479	37.5%
11/28/2006 12:00	905	55	510	1470	38.4%
11/28/2006 13:00	915	64	563	1542	40.7%
11/28/2006 14:00	1019	72	531	1622	37.2%
11/28/2006 15:00	1353	66	445	1864	27.4%
11/28/2006 16:00	1357	61	463	1881	27.9%
11/28/2006 17:00	1312	48	495	1855	29.3%
11/28/2006 18:00	994	53	492	1539	35.4%
11/28/2006 19:00	746	31	501	1278	41.6%
11/28/2006 20:00	676	30	549	1255	46.1%
11/28/2006 21:00	609	34	451	1094	44.3%
11/28/2006 22:00	412	21	439	872	52.8%
11/28/2006 23:00	295	24	360	679	56.6%
11/29/2006 0:00	143	17	266	426	66.4%
11/29/2006 1:00	86	9	249	344	75.0%
11/29/2006 2:00	70	18	219	307	77.2%
11/29/2006 3:00	48	13	216	277	82.7%
11/29/2006 4:00	78	16	224	318	75.5%
11/29/2006 5:00	287	16	272	575	50.1%
11/29/2006 6:00	763	37	286	1086	29.7%
11/29/2006 7:00	1144	52	334	1530	25.2%
11/29/2006 8:00	1045	71	398	1514	31.0%
11/29/2006 9:00	887	70	467	1424	37.7%
11/29/2006 10:00	785	70	467	1322	40.6%
11/29/2006 11:00	858	70	525	1453	40.9%
11/29/2006 12:00	983	71	572	1626	39.5%
11/29/2006 13:00	977	70	594	1641	40.5%
11/29/2006 14:00	1096	88	541	1725	36.5%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
11/29/2006 15:00	1322	96	522	1940	31.9%
11/29/2006 16:00	1338	68	550	1956	31.6%
11/29/2006 17:00	1315	45	495	1855	29.1%
11/29/2006 18:00	1064	46	533	1643	35.2%
11/29/2006 19:00	715	32	505	1252	42.9%
11/29/2006 20:00	633	19	500	1152	45.1%
11/29/2006 21:00	588	17	435	1040	43.5%
11/29/2006 22:00	403	28	386	817	50.7%
11/29/2006 23:00	338	20	368	726	53.4%
11/30/2006 0:00	148	15	279	442	66.5%
11/30/2006 1:00	94	9	252	355	73.5%
11/30/2006 2:00	81	20	237	338	76.0%
11/30/2006 3:00	51	12	240	303	83.2%
11/30/2006 4:00	105	13	260	378	72.2%
11/30/2006 5:00	278	24	277	579	52.0%
11/30/2006 6:00	727	32	318	1077	32.5%
11/30/2006 7:00	1099	62	366	1527	28.0%
11/30/2006 8:00	1041	83	413	1537	32.3%
11/30/2006 9:00	865	52	430	1347	35.8%
11/30/2006 10:00	809	78	542	1429	43.4%
11/30/2006 11:00	928	71	494	1493	37.8%
11/30/2006 12:00	946	67	520	1533	38.3%
11/30/2006 13:00	941	62	603	1606	41.4%
11/30/2006 14:00	1095	66	509	1670	34.4%
11/30/2006 15:00	1294	69	463	1826	29.1%
11/30/2006 16:00	1342	54	491	1887	28.9%
11/30/2006 17:00	1264	39	480	1783	29.1%
11/30/2006 18:00	1015	44	501	1560	34.9%
11/30/2006 19:00	825	27	479	1331	38.0%
11/30/2006 20:00	692	11	479	1182	41.5%
11/30/2006 21:00	576	25	422	1023	43.7%
11/30/2006 22:00	464	9	383	856	45.8%
11/30/2006 23:00	388	14	330	732	47.0%
12/1/2006 0:00	202	17	249	468	56.8%
12/1/2006 1:00	99	16	247	362	72.7%
12/1/2006 2:00	87	12	220	319	72.7%
12/1/2006 3:00	51	18	213	282	81.9%
12/1/2006 4:00	96	12	226	334	71.3%
12/1/2006 5:00	268	13	212	493	45.6%
12/1/2006 6:00	671	19	249	939	28.5%
12/1/2006 7:00	914	40	319	1273	28.2%
12/1/2006 8:00	1050	48	318	1416	25.8%
12/1/2006 9:00	416	30	184	630	34.0%
12/1/2006 10:00				0	#DIV/0!
12/1/2006 11:00	1059	62	405	1526	30.6%
12/1/2006 12:00	1118	66	460	1644	32.0%
12/1/2006 13:00	1072	66	434	1572	31.8%
12/1/2006 14:00	1255	71	400	1726	27.3%
12/1/2006 15:00	1355	71	401	1827	25.8%
12/1/2006 16:00	1423	52	410	1885	24.5%
12/1/2006 17:00	1297	39	385	1721	24.6%
12/1/2006 18:00	1104	33	408	1545	28.5%
12/1/2006 19:00	788	29	338	1155	31.8%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/1/2006 20:00	633	14	314	961	34.1%
12/1/2006 21:00	584	21	328	933	37.4%
12/1/2006 22:00	454	28	262	744	39.0%
12/1/2006 23:00	496	14	246	756	34.4%
12/2/2006 0:00	310	13	202	525	41.0%
12/2/2006 1:00	145	14	156	315	54.0%
12/2/2006 2:00	119	12	154	285	58.2%
12/2/2006 3:00	77	10	128	215	64.2%
12/2/2006 4:00	81	9	120	210	61.4%
12/2/2006 5:00	183	8	150	341	46.3%
12/2/2006 6:00	335	9	137	481	30.4%
12/2/2006 7:00	447	38	186	671	33.4%
12/2/2006 8:00	634	19	211	864	26.6%
12/2/2006 9:00	779	33	255	1067	27.0%
12/2/2006 10:00	947	36	249	1232	23.1%
12/2/2006 11:00	1065	31	243	1339	20.5%
12/2/2006 12:00	1232	38	312	1582	22.1%
12/2/2006 13:00	1125	25	278	1428	21.2%
12/2/2006 14:00	1203	25	251	1479	18.7%
12/2/2006 15:00	1208	32	259	1499	19.4%
12/2/2006 16:00	1175	22	267	1464	19.7%
12/2/2006 17:00	1034	24	225	1283	19.4%
12/2/2006 18:00	916	15	236	1167	21.5%
12/2/2006 19:00	742	16	209	967	23.3%
12/2/2006 20:00	549	9	212	770	28.7%
12/2/2006 21:00	561	17	171	749	25.1%
12/2/2006 22:00	518	11	156	685	24.4%
12/2/2006 23:00	407	7	141	555	26.7%
12/3/2006 0:00	254	7	89	350	27.4%
12/3/2006 1:00	171	4	93	268	36.2%
12/3/2006 2:00	116	1	72	189	38.6%
12/3/2006 3:00	82	1	48	131	37.4%
12/3/2006 4:00	51	0	48	99	48.5%
12/3/2006 5:00	92	4	67	163	43.6%
12/3/2006 6:00	166	1	73	240	30.8%
12/3/2006 7:00	152	7	89	248	38.7%
12/3/2006 8:00	417	7	124	548	23.9%
12/3/2006 9:00	605	11	164	780	22.4%
12/3/2006 10:00	727	22	190	939	22.6%
12/3/2006 11:00	961	18	176	1155	16.8%
12/3/2006 12:00	1117	15	237	1369	18.4%
12/3/2006 13:00	1238	16	248	1502	17.6%
12/3/2006 14:00	1164	24	236	1424	18.3%
12/3/2006 15:00	1166	16	267	1449	19.5%
12/3/2006 16:00	1187	33	241	1461	18.8%
12/3/2006 17:00	976	15	271	1262	22.7%
12/3/2006 18:00	608	10	222	840	27.6%
12/3/2006 19:00	695	15	234	944	26.4%
12/3/2006 20:00	664	13	263	940	29.4%
12/3/2006 21:00	462	10	220	692	33.2%
12/3/2006 22:00	384	11	210	605	36.5%
12/3/2006 23:00	268	9	167	444	39.6%
12/4/2006 0:00	122	6	125	253	51.8%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/4/2006 1:00	74	7	133	214	65.4%
12/4/2006 2:00	62	8	142	212	70.8%
12/4/2006 3:00	56	4	150	210	73.3%
12/4/2006 4:00	96	12	162	270	64.4%
12/4/2006 5:00	282	21	189	492	42.7%
12/4/2006 6:00	778	28	212	1018	23.6%
12/4/2006 7:00	1139	56	263	1458	21.9%
12/4/2006 8:00	1096	73	304	1473	25.6%
12/4/2006 9:00	874	71	350	1295	32.5%
12/4/2006 10:00	786	84	380	1250	37.1%
12/4/2006 11:00	865	67	368	1300	33.5%
12/4/2006 12:00	790	66	409	1265	37.5%
12/4/2006 13:00	661	66	368	1095	39.6%
12/4/2006 14:00	794	66	385	1245	36.2%
12/4/2006 15:00	898	59	346	1303	31.1%
12/4/2006 16:00	1043	63	390	1496	30.3%
12/4/2006 17:00	1063	47	400	1510	29.6%
12/4/2006 18:00	907	26	455	1388	34.7%
12/4/2006 19:00	638	24	461	1123	43.2%
12/4/2006 20:00	473	16	419	908	47.9%
12/4/2006 21:00	384	16	379	779	50.7%
12/4/2006 22:00	279	23	381	683	59.2%
12/4/2006 23:00	208	16	325	549	62.1%
12/5/2006 0:00	128	11	216	355	63.9%
12/5/2006 1:00	62	13	262	337	81.6%
12/5/2006 2:00	53	17	204	274	80.7%
12/5/2006 3:00	47	16	211	274	82.8%
12/5/2006 4:00	65	16	235	316	79.4%
12/5/2006 5:00	220	20	247	487	54.8%
12/5/2006 6:00	520	29	268	817	36.4%
12/5/2006 7:00	841	64	317	1222	31.2%
12/5/2006 8:00	1052	67	422	1541	31.7%
12/5/2006 9:00	703	71	454	1228	42.8%
12/5/2006 10:00	707	86	436	1229	42.5%
12/5/2006 11:00	858	89	465	1412	39.2%
12/5/2006 12:00	902	89	531	1522	40.7%
12/5/2006 13:00	929	75	559	1563	40.6%
12/5/2006 14:00	1083	84	532	1699	36.3%
12/5/2006 15:00	1356	72	497	1925	29.6%
12/5/2006 16:00	1252	79	489	1820	31.2%
12/5/2006 17:00	1275	33	520	1828	30.3%
12/5/2006 18:00	975	37	515	1527	36.1%
12/5/2006 19:00	678	26	451	1155	41.3%
12/5/2006 20:00	615	20	478	1113	44.7%
12/5/2006 21:00	498	20	416	934	46.7%
12/5/2006 22:00	376	11	407	794	52.6%
12/5/2006 23:00	305	24	404	733	58.4%
12/6/2006 0:00	159	13	273	445	64.3%
12/6/2006 1:00	89	11	260	360	75.3%
12/6/2006 2:00	65	13	258	336	80.7%
12/6/2006 3:00	38	13	204	255	85.1%
12/6/2006 4:00	83	18	236	337	75.4%
12/6/2006 5:00	243	20	276	539	54.9%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/6/2006 6:00	744	31	308	1083	31.3%
12/6/2006 7:00	1128	65	339	1532	26.4%
12/6/2006 8:00	1019	81	425	1525	33.2%
12/6/2006 9:00	867	67	453	1387	37.5%
12/6/2006 10:00	614	68	424	1106	44.5%
12/6/2006 11:00	902	64	531	1497	39.7%
12/6/2006 12:00	1037	67	519	1623	36.1%
12/6/2006 13:00	895	75	499	1469	39.1%
12/6/2006 14:00	1091	85	519	1695	35.6%
12/6/2006 15:00	1351	73	537	1961	31.1%
12/6/2006 16:00	1334	64	565	1963	32.0%
12/6/2006 17:00	1328	35	484	1847	28.1%
12/6/2006 18:00	1085	33	541	1659	34.6%
12/6/2006 19:00	742	37	490	1269	41.5%
12/6/2006 20:00	529	15	343	887	40.4%
12/6/2006 21:00	542	23	562	1127	51.9%
12/6/2006 22:00	453	24	510	987	54.1%
12/6/2006 23:00	314	23	341	678	53.7%
12/7/2006 0:00	146	8	282	436	66.5%
12/7/2006 1:00	77	6	233	316	75.6%
12/7/2006 2:00	58	14	212	284	79.6%
12/7/2006 3:00	48	12	205	265	81.9%
12/7/2006 4:00	66	18	221	305	78.4%
12/7/2006 5:00	240	18	252	510	52.9%
12/7/2006 6:00	717	38	289	1044	31.3%
12/7/2006 7:00	1058	64	316	1438	26.4%
12/7/2006 8:00	885	58	344	1287	31.2%
12/7/2006 9:00	765	79	405	1249	38.8%
12/7/2006 10:00	740	63	478	1281	42.2%
12/7/2006 11:00	824	60	480	1364	39.6%
12/7/2006 12:00	924	49	548	1521	39.3%
12/7/2006 13:00	882	61	501	1444	38.9%
12/7/2006 14:00	1047	70	417	1534	31.7%
12/7/2006 15:00	1244	56	431	1731	28.1%
12/7/2006 16:00	1269	55	483	1807	29.8%
12/7/2006 17:00	1286	40	448	1774	27.5%
12/7/2006 18:00	921	39	448	1408	34.6%
12/7/2006 19:00	668	24	412	1104	39.5%
12/7/2006 20:00	583	17	431	1031	43.5%
12/7/2006 21:00	530	17	460	1007	47.4%
12/7/2006 22:00	453	27	477	957	52.7%
12/7/2006 23:00	376	20	405	801	53.1%
12/8/2006 0:00	170	16	265	451	62.3%
12/8/2006 1:00	101	10	280	391	74.2%
12/8/2006 2:00	77	18	185	280	72.5%
12/8/2006 3:00	62	15	228	305	79.7%
12/8/2006 4:00	76	10	222	308	75.3%
12/8/2006 5:00	255	17	238	510	50.0%
12/8/2006 6:00	721	24	269	1014	28.9%
12/8/2006 7:00	1018	46	289	1353	24.8%
12/8/2006 8:00	956	63	377	1396	31.5%
12/8/2006 9:00	793	70	415	1278	37.9%
12/8/2006 10:00	838	66	392	1296	35.3%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/8/2006 11:00	938	72	460	1470	36.2%
12/8/2006 12:00	1117	70	476	1663	32.8%
12/8/2006 13:00	1072	75	434	1581	32.2%
12/8/2006 14:00	1331	76	443	1850	28.1%
12/8/2006 15:00	1557	68	429	2054	24.2%
12/8/2006 16:00	1409	73	408	1890	25.4%
12/8/2006 17:00	1360	44	423	1827	25.6%
12/8/2006 18:00	1030	32	425	1487	30.7%
12/8/2006 19:00	887	31	388	1306	32.1%
12/8/2006 20:00	680	27	345	1052	35.4%
12/8/2006 21:00	582	24	350	956	39.1%
12/8/2006 22:00	488	23	268	779	37.4%
12/8/2006 23:00	433	20	272	725	40.3%
12/9/2006 0:00	282	21	204	507	44.4%
12/9/2006 1:00	156	21	192	369	57.7%
12/9/2006 2:00	102	10	129	241	57.7%
12/9/2006 3:00	81	9	120	210	61.4%
12/9/2006 4:00	87	3	124	214	59.3%
12/9/2006 5:00	166	9	131	306	45.8%
12/9/2006 6:00	313	13	126	452	30.8%
12/9/2006 7:00	417	32	170	619	32.6%
12/9/2006 8:00	577	24	196	797	27.6%
12/9/2006 9:00	734	34	238	1006	27.0%
12/9/2006 10:00	969	28	238	1235	21.5%
12/9/2006 11:00	1131	30	301	1462	22.6%
12/9/2006 12:00	1198	33	284	1515	20.9%
12/9/2006 13:00	1206	35	261	1502	19.7%
12/9/2006 14:00	1208	36	282	1526	20.8%
12/9/2006 15:00	1263	18	255	1536	17.8%
12/9/2006 16:00	1210	17	227	1454	16.8%
12/9/2006 17:00	1137	25	203	1365	16.7%
12/9/2006 18:00	856	15	157	1028	16.7%
12/9/2006 19:00	685	16	233	934	26.7%
12/9/2006 20:00	675	15	235	925	27.0%
12/9/2006 21:00	513	16	167	696	26.3%
12/9/2006 22:00	565	11	129	705	19.9%
12/9/2006 23:00	426	12	97	535	20.4%
12/10/2006 0:00	253	6	82	341	25.8%
12/10/2006 1:00	171	8	72	251	31.9%
12/10/2006 2:00	149	6	57	212	29.7%
12/10/2006 3:00	81	5	68	154	47.4%
12/10/2006 4:00	63	3	52	118	46.6%
12/10/2006 5:00	78	2	55	135	42.2%
12/10/2006 6:00	180	9	75	264	31.8%
12/10/2006 7:00	173	5	78	256	32.4%
12/10/2006 8:00	370	7	123	500	26.0%
12/10/2006 9:00	614	10	152	776	20.9%
12/10/2006 10:00	955	16	196	1167	18.2%
12/10/2006 11:00	1032	19	173	1224	15.7%
12/10/2006 12:00	1321	20	210	1551	14.8%
12/10/2006 13:00	1225	19	178	1422	13.9%
12/10/2006 14:00	1261	20	262	1543	18.3%
12/10/2006 15:00	1249	16	254	1519	17.8%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/10/2006 16:00	1111	26	267	1404	20.9%
12/10/2006 17:00	1124	27	258	1409	20.2%
12/10/2006 18:00	922	18	240	1180	21.9%
12/10/2006 19:00	698	7	266	971	28.1%
12/10/2006 20:00	569	14	260	843	32.5%
12/10/2006 21:00	452	18	233	703	35.7%
12/10/2006 22:00	332	12	212	556	40.3%
12/10/2006 23:00	227	18	164	409	44.5%
12/11/2006 0:00	126	6	161	293	57.0%
12/11/2006 1:00	67	15	149	231	71.0%
12/11/2006 2:00	53	8	151	212	75.0%
12/11/2006 3:00	54	14	171	239	77.4%
12/11/2006 4:00	100	13	151	264	62.1%
12/11/2006 5:00	275	22	203	500	45.0%
12/11/2006 6:00	788	31	251	1070	26.4%
12/11/2006 7:00	1082	51	262	1395	22.4%
12/11/2006 8:00	994	75	340	1409	29.5%
12/11/2006 9:00	820	59	387	1266	35.2%
12/11/2006 10:00	807	65	377	1249	35.4%
12/11/2006 11:00	940	67	360	1367	31.2%
12/11/2006 12:00	944	66	409	1419	33.5%
12/11/2006 13:00	873	84	436	1393	37.3%
12/11/2006 14:00	1086	84	492	1662	34.7%
12/11/2006 15:00	1365	74	465	1904	28.3%
12/11/2006 16:00	1303	64	483	1850	29.6%
12/11/2006 17:00	1311	33	481	1825	28.2%
12/11/2006 18:00	999	31	542	1572	36.5%
12/11/2006 19:00	712	32	450	1194	40.4%
12/11/2006 20:00	599	27	484	1110	46.0%
12/11/2006 21:00	465	20	459	944	50.7%
12/11/2006 22:00	364	15	386	765	52.4%
12/11/2006 23:00	282	14	326	622	54.7%
12/12/2006 0:00	148	12	263	423	65.0%
12/12/2006 1:00	77	14	234	325	76.3%
12/12/2006 2:00	62	15	188	265	76.6%
12/12/2006 3:00	51	14	207	272	81.3%
12/12/2006 4:00	70	11	229	310	77.4%
12/12/2006 5:00	273	24	276	573	52.4%
12/12/2006 6:00	767	32	295	1094	29.9%
12/12/2006 7:00	1105	72	362	1539	28.2%
12/12/2006 8:00	961	83	406	1450	33.7%
12/12/2006 9:00	839	68	458	1365	38.5%
12/12/2006 10:00	870	80	444	1394	37.6%
12/12/2006 11:00	928	72	537	1537	39.6%
12/12/2006 12:00	981	71	501	1553	36.8%
12/12/2006 13:00	890	66	512	1468	39.4%
12/12/2006 14:00	1003	69	490	1562	35.8%
12/12/2006 15:00	1251	80	473	1804	30.7%
12/12/2006 16:00	1131	55	469	1655	31.7%
12/12/2006 17:00	1147	31	404	1582	27.5%
12/12/2006 18:00	899	26	370	1295	30.6%
12/12/2006 19:00	633	21	462	1116	43.3%
12/12/2006 20:00	563	25	541	1129	50.1%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/12/2006 21:00	475	32	481	988	51.9%
12/12/2006 22:00	376	13	391	780	51.8%
12/12/2006 23:00	329	18	358	705	53.3%
12/13/2006 0:00	159	11	284	454	65.0%
12/13/2006 1:00	79	13	244	336	76.5%
12/13/2006 2:00	74	9	206	289	74.4%
12/13/2006 3:00	55	8	224	287	80.8%
12/13/2006 4:00	85	12	260	357	76.2%
12/13/2006 5:00	257	16	273	546	52.9%
12/13/2006 6:00	734	33	315	1082	32.2%
12/13/2006 7:00	1145	68	369	1582	27.6%
12/13/2006 8:00	1011	87	395	1493	32.3%
12/13/2006 9:00	836	62	431	1329	37.1%
12/13/2006 10:00	817	77	465	1359	39.9%
12/13/2006 11:00	1010	69	472	1551	34.9%
12/13/2006 12:00	973	65	479	1517	35.9%
12/13/2006 13:00	962	66	433	1461	34.2%
12/13/2006 14:00	1059	82	435	1576	32.8%
12/13/2006 15:00	1322	79	463	1864	29.1%
12/13/2006 16:00	1247	66	478	1791	30.4%
12/13/2006 17:00	1210	36	525	1771	31.7%
12/13/2006 18:00	1057	35	507	1599	33.9%
12/13/2006 19:00	723	36	462	1221	40.8%
12/13/2006 20:00	672	25	440	1137	40.9%
12/13/2006 21:00	525	20	441	986	46.8%
12/13/2006 22:00	407	22	471	900	54.8%
12/13/2006 23:00	315	19	364	698	54.9%
12/14/2006 0:00	178	6	259	443	59.8%
12/14/2006 1:00	95	11	222	328	71.0%
12/14/2006 2:00	77	10	233	320	75.9%
12/14/2006 3:00	58	19	238	315	81.6%
12/14/2006 4:00	94	17	263	374	74.9%
12/14/2006 5:00	249	25	275	549	54.6%
12/14/2006 6:00	756	40	307	1103	31.5%
12/14/2006 7:00	1053	63	384	1500	29.8%
12/14/2006 8:00	1007	78	420	1505	33.1%
12/14/2006 9:00	786	81	433	1300	39.5%
12/14/2006 10:00	826	75	455	1356	39.1%
12/14/2006 11:00	909	75	525	1509	39.8%
12/14/2006 12:00	957	52	493	1502	36.3%
12/14/2006 13:00	946	84	543	1573	39.9%
12/14/2006 14:00	1123	59	424	1606	30.1%
12/14/2006 15:00	1377	57	474	1908	27.8%
12/14/2006 16:00	1287	57	458	1802	28.6%
12/14/2006 17:00	1282	58	529	1869	31.4%
12/14/2006 18:00	1054	36	463	1553	32.1%
12/14/2006 19:00	773	23	435	1231	37.2%
12/14/2006 20:00	648	21	437	1106	41.4%
12/14/2006 21:00	550	28	412	990	44.4%
12/14/2006 22:00	452	27	356	835	45.9%
12/14/2006 23:00	326	17	299	642	49.2%
12/15/2006 0:00	214	11	263	488	56.1%
12/15/2006 1:00	120	11	260	391	69.3%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/15/2006 2:00	82	9	239	330	75.2%
12/15/2006 3:00	70	10	217	297	76.4%
12/15/2006 4:00	91	14	241	346	73.7%
12/15/2006 5:00	273	17	280	570	52.1%
12/15/2006 6:00	743	24	284	1051	29.3%
12/15/2006 7:00	1000	66	322	1388	28.0%
12/15/2006 8:00	997	75	393	1465	31.9%
12/15/2006 9:00	811	64	414	1289	37.1%
12/15/2006 10:00	891	56	427	1374	35.2%
12/15/2006 11:00	1023	71	456	1550	34.0%
12/15/2006 12:00	1042	69	481	1592	34.5%
12/15/2006 13:00	1055	67	428	1550	31.9%
12/15/2006 14:00	1278	74	461	1813	29.5%
12/15/2006 15:00	1444	75	426	1945	25.8%
12/15/2006 16:00	1374	65	420	1859	26.1%
12/15/2006 17:00	1441	43	409	1893	23.9%
12/15/2006 18:00	1182	32	340	1554	23.9%
12/15/2006 19:00	961	19	402	1382	30.5%
12/15/2006 20:00	768	27	380	1175	34.6%
12/15/2006 21:00	794	12	336	1142	30.5%
12/15/2006 22:00	617	21	272	910	32.2%
12/15/2006 23:00	545	12	247	804	32.2%
12/16/2006 0:00	310	11	200	521	40.5%
12/16/2006 1:00	179	12	184	375	52.3%
12/16/2006 2:00	135	12	137	284	52.5%
12/16/2006 3:00	95	8	124	227	58.1%
12/16/2006 4:00	96	12	115	223	57.0%
12/16/2006 5:00	167	13	119	299	44.1%
12/16/2006 6:00	364	21	119	504	27.8%
12/16/2006 7:00	438	19	145	602	27.2%
12/16/2006 8:00	600	30	213	843	28.8%
12/16/2006 9:00	803	28	235	1066	24.7%
12/16/2006 10:00	1031	35	270	1336	22.8%
12/16/2006 11:00	1300	44	264	1608	19.2%
12/16/2006 12:00	1331	31	252	1614	17.5%
12/16/2006 13:00	1309	26	215	1550	15.5%
12/16/2006 14:00	1418	30	252	1700	16.6%
12/16/2006 15:00	1384	26	241	1651	16.2%
12/16/2006 16:00	1243	28	222	1493	16.7%
12/16/2006 17:00	1211	23	229	1463	17.2%
12/16/2006 18:00	1117	12	195	1324	15.6%
12/16/2006 19:00	756	6	196	958	21.1%
12/16/2006 20:00	664	9	210	883	24.8%
12/16/2006 21:00	581	7	155	743	21.8%
12/16/2006 22:00	489	10	137	636	23.1%
12/16/2006 23:00	437	8	97	542	19.4%
12/17/2006 0:00	278	4	103	385	27.8%
12/17/2006 1:00	178	2	64	244	27.0%
12/17/2006 2:00	133	2	48	183	27.3%
12/17/2006 3:00	100	3	58	161	37.9%
12/17/2006 4:00	78	4	54	136	42.6%
12/17/2006 5:00	97	6	51	154	37.0%
12/17/2006 6:00	206	7	60	273	24.5%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/17/2006 7:00	245	4	99	348	29.6%
12/17/2006 8:00	393	11	134	538	27.0%
12/17/2006 9:00	579	9	174	762	24.0%
12/17/2006 10:00	910	14	168	1092	16.7%
12/17/2006 11:00	976	15	190	1181	17.4%
12/17/2006 12:00	1286	21	205	1512	14.9%
12/17/2006 13:00	1301	12	215	1528	14.9%
12/17/2006 14:00	1272	20	227	1519	16.3%
12/17/2006 15:00	1314	23	246	1583	17.0%
12/17/2006 16:00	1186	17	268	1471	19.4%
12/17/2006 17:00	997	19	253	1269	21.4%
12/17/2006 18:00	871	18	276	1165	25.2%
12/17/2006 19:00	680	15	254	949	28.3%
12/17/2006 20:00	583	10	247	840	30.6%
12/17/2006 21:00	468	16	230	714	34.5%
12/17/2006 22:00	428	11	170	609	29.7%
12/17/2006 23:00	244	16	169	429	43.1%
12/18/2006 0:00	121	8	149	278	56.5%
12/18/2006 1:00	74	7	134	215	65.6%
12/18/2006 2:00	67	10	135	212	68.4%
12/18/2006 3:00	60	9	150	219	72.6%
12/18/2006 4:00	83	15	174	272	69.5%
12/18/2006 5:00	280	22	192	494	43.3%
12/18/2006 6:00	775	31	215	1021	24.1%
12/18/2006 7:00	982	53	262	1297	24.3%
12/18/2006 8:00	889	79	324	1292	31.2%
12/18/2006 9:00	768	57	369	1194	35.7%
12/18/2006 10:00	826	58	386	1270	35.0%
12/18/2006 11:00	932	53	370	1355	31.2%
12/18/2006 12:00	986	48	419	1453	32.1%
12/18/2006 13:00	1034	77	422	1533	32.6%
12/18/2006 14:00	1182	58	490	1730	31.7%
12/18/2006 15:00	1317	67	478	1862	29.3%
12/18/2006 16:00	1295	53	468	1816	28.7%
12/18/2006 17:00	1263	46	463	1772	28.7%
12/18/2006 18:00	903	36	500	1439	37.2%
12/18/2006 19:00	772	23	494	1289	40.1%
12/18/2006 20:00	591	24	421	1036	43.0%
12/18/2006 21:00	438	25	445	908	51.8%
12/18/2006 22:00	381	12	422	815	53.3%
12/18/2006 23:00	310	16	324	650	52.3%
12/19/2006 0:00	165	14	253	432	61.8%
12/19/2006 1:00	90	8	233	331	72.8%
12/19/2006 2:00	64	12	187	263	75.7%
12/19/2006 3:00	51	5	205	261	80.5%
12/19/2006 4:00	74	16	223	313	76.4%
12/19/2006 5:00	256	17	273	546	53.1%
12/19/2006 6:00	750	27	350	1127	33.5%
12/19/2006 7:00	920	50	340	1310	29.8%
12/19/2006 8:00	892	87	416	1395	36.1%
12/19/2006 9:00	759	57	465	1281	40.7%
12/19/2006 10:00	875	57	518	1450	39.7%
12/19/2006 11:00	986	78	490	1554	36.6%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/19/2006 12:00	896	61	514	1471	39.1%
12/19/2006 13:00				0	#DIV/0!
12/19/2006 14:00	1164	76	528	1768	34.2%
12/19/2006 15:00	1351	73	511	1935	30.2%
12/19/2006 16:00	1306	46	563	1915	31.8%
12/19/2006 17:00	1291	46	524	1861	30.6%
12/19/2006 18:00	1069	26	437	1532	30.2%
12/19/2006 19:00	793	39	458	1290	38.5%
12/19/2006 20:00	692	29	476	1197	42.2%
12/19/2006 21:00	487	15	424	926	47.4%
12/19/2006 22:00	448	19	384	851	47.4%
12/19/2006 23:00	300	12	341	653	54.1%
12/20/2006 0:00	168	9	261	438	61.6%
12/20/2006 1:00	127	11	257	395	67.8%
12/20/2006 2:00	83	12	242	337	75.4%
12/20/2006 3:00	72	13	211	296	75.7%
12/20/2006 4:00	82	13	230	325	74.8%
12/20/2006 5:00	289	20	278	587	50.8%
12/20/2006 6:00	728	33	293	1054	30.9%
12/20/2006 7:00	924	55	343	1322	30.1%
12/20/2006 8:00	866	90	425	1381	37.3%
12/20/2006 9:00	823	54	455	1332	38.2%
12/20/2006 10:00	941	72	481	1494	37.0%
12/20/2006 11:00	999	76	506	1581	36.8%
12/20/2006 12:00	1082	77	548	1707	36.6%
12/20/2006 13:00	1113	68	512	1693	34.3%
12/20/2006 14:00	1219	71	546	1836	33.6%
12/20/2006 15:00	1468	57	530	2055	28.6%
12/20/2006 16:00	1393	66	519	1978	29.6%
12/20/2006 17:00	1342	49	564	1955	31.4%
12/20/2006 18:00	1011	27	514	1552	34.9%
12/20/2006 19:00	775	29	491	1295	40.2%
12/20/2006 20:00	649	25	468	1142	43.2%
12/20/2006 21:00	548	17	426	991	44.7%
12/20/2006 22:00	425	16	368	809	47.5%
12/20/2006 23:00	332	19	357	708	53.1%
12/21/2006 0:00	183	11	267	461	60.3%
12/21/2006 1:00	114	9	215	338	66.3%
12/21/2006 2:00	100	11	180	291	65.6%
12/21/2006 3:00	65	9	205	279	76.7%
12/21/2006 4:00	90	22	219	331	72.8%
12/21/2006 5:00	312	15	241	568	45.1%
12/21/2006 6:00	704	36	243	983	28.4%
12/21/2006 7:00	860	38	315	1213	29.1%
12/21/2006 8:00	880	90	360	1330	33.8%
12/21/2006 9:00	806	69	377	1252	35.6%
12/21/2006 10:00	856	58	365	1279	33.1%
12/21/2006 11:00	964	72	497	1533	37.1%
12/21/2006 12:00	1039	67	478	1584	34.4%
12/21/2006 13:00	1179	60	489	1728	31.8%
12/21/2006 14:00	1306	86	506	1898	31.2%
12/21/2006 15:00	1430	69	434	1933	26.0%
12/21/2006 16:00	1372	53	508	1933	29.0%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/21/2006 17:00	1317	38	418	1773	25.7%
12/21/2006 18:00	1089	37	412	1538	29.2%
12/21/2006 19:00	836	26	418	1280	34.7%
12/21/2006 20:00	666	22	382	1070	37.8%
12/21/2006 21:00	592	23	354	969	38.9%
12/21/2006 22:00	428	16	335	779	45.1%
12/21/2006 23:00	369	16	279	664	44.4%
12/22/2006 0:00	196	12	216	424	53.8%
12/22/2006 1:00	144	7	200	351	59.0%
12/22/2006 2:00	94	9	182	285	67.0%
12/22/2006 3:00	87	9	166	262	66.8%
12/22/2006 4:00	112	10	160	282	60.3%
12/22/2006 5:00	267	21	174	462	42.2%
12/22/2006 6:00	682	22	213	917	25.6%
12/22/2006 7:00	747	50	248	1045	28.5%
12/22/2006 8:00	823	83	304	1210	32.0%
12/22/2006 9:00	817	59	304	1180	30.8%
12/22/2006 10:00	969	59	320	1348	28.1%
12/22/2006 11:00	1191	63	340	1594	25.3%
12/22/2006 12:00	1193	53	303	1549	23.0%
12/22/2006 13:00	1312	68	372	1752	25.1%
12/22/2006 14:00	1428	48	311	1787	20.1%
12/22/2006 15:00	1488	63	327	1878	20.8%
12/22/2006 16:00	1520	42	313	1875	18.9%
12/22/2006 17:00	1231	34	313	1578	22.0%
12/22/2006 18:00	1065	31	279	1375	22.5%
12/22/2006 19:00	897	17	257	1171	23.4%
12/22/2006 20:00	761	22	260	1043	27.0%
12/22/2006 21:00	706	14	215	935	24.5%
12/22/2006 22:00	571	15	222	808	29.3%
12/22/2006 23:00	449	20	164	633	29.1%
12/23/2006 0:00	247	12	130	389	36.5%
12/23/2006 1:00	226	10	136	372	39.2%
12/23/2006 2:00	137	12	94	243	43.6%
12/23/2006 3:00	123	5	78	206	40.3%
12/23/2006 4:00	122	7	57	186	34.4%
12/23/2006 5:00	171	6	74	251	31.9%
12/23/2006 6:00	323	8	82	413	21.8%
12/23/2006 7:00	370	15	114	499	25.9%
12/23/2006 8:00	518	16	129	663	21.9%
12/23/2006 9:00	828	17	149	994	16.7%
12/23/2006 10:00	1077	31	146	1254	14.1%
12/23/2006 11:00	1239	26	168	1433	13.5%
12/23/2006 12:00	1489	15	144	1648	9.6%
12/23/2006 13:00	1372	27	152	1551	11.5%
12/23/2006 14:00	1396	17	129	1542	9.5%
12/23/2006 15:00	1362	22	111	1495	8.9%
12/23/2006 16:00	1220	18	115	1353	9.8%
12/23/2006 17:00	1033	19	80	1132	8.7%
12/23/2006 18:00	808	16	89	913	11.5%
12/23/2006 19:00	769	6	89	864	11.0%
12/23/2006 20:00	584	13	83	680	14.1%
12/23/2006 21:00	537	5	64	606	11.4%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/23/2006 22:00	408	11	62	481	15.2%
12/23/2006 23:00	364	9	35	408	10.8%
12/24/2006 0:00	223	5	47	275	18.9%
12/24/2006 1:00	140	3	33	176	20.5%
12/24/2006 2:00	107	2	37	146	26.7%
12/24/2006 3:00	97	0	29	126	23.0%
12/24/2006 4:00	70	1	12	83	15.7%
12/24/2006 5:00	80	3	35	118	32.2%
12/24/2006 6:00	159	3	38	200	20.5%
12/24/2006 7:00	174	5	36	215	19.1%
12/24/2006 8:00	298	3	46	347	14.1%
12/24/2006 9:00	500	4	31	535	6.5%
12/24/2006 10:00	822	7	47	876	6.2%
12/24/2006 11:00	1018	8	55	1081	5.8%
12/24/2006 12:00	1096	11	35	1142	4.0%
12/24/2006 13:00	1079	11	44	1134	4.9%
12/24/2006 14:00	1169	8	40	1217	3.9%
12/24/2006 15:00	1098	4	59	1161	5.4%
12/24/2006 16:00	945	6	48	999	5.4%
12/24/2006 17:00	775	4	36	815	4.9%
12/24/2006 18:00	676	3	46	725	6.8%
12/24/2006 19:00	525	5	59	589	10.9%
12/24/2006 20:00	494	1	40	535	7.7%
12/24/2006 21:00	480	1	49	530	9.4%
12/24/2006 22:00	430	4	27	461	6.7%
12/24/2006 23:00	362	0	18	380	4.7%
12/25/2006 0:00	203	2	18	223	9.0%
12/25/2006 1:00	154	0	24	178	13.5%
12/25/2006 2:00	54	0	11	65	16.9%
12/25/2006 3:00	39	0	7	46	15.2%
12/25/2006 4:00	28	2	12	42	33.3%
12/25/2006 5:00	58	0	16	74	21.6%
12/25/2006 6:00	103	1	12	116	11.2%
12/25/2006 7:00	128	3	12	143	10.5%
12/25/2006 8:00	207	2	30	239	13.4%
12/25/2006 9:00	299	2	30	331	9.7%
12/25/2006 10:00	474	3	35	512	7.4%
12/25/2006 11:00	581	3	37	621	6.4%
12/25/2006 12:00	728	4	54	786	7.4%
12/25/2006 13:00	780	2	53	835	6.6%
12/25/2006 14:00	893	10	49	952	6.2%
12/25/2006 15:00	850	9	43	902	5.8%
12/25/2006 16:00	786	5	47	838	6.2%
12/25/2006 17:00	509	6	46	561	9.3%
12/25/2006 18:00	474	4	43	521	9.0%
12/25/2006 19:00	575	7	46	628	8.4%
12/25/2006 20:00	591	2	46	639	7.5%
12/25/2006 21:00	558	6	56	620	10.0%
12/25/2006 22:00	462	6	38	506	8.7%
12/25/2006 23:00	328	3	33	364	9.9%
12/26/2006 0:00	204	3	26	233	12.4%
12/26/2006 1:00	111	1	27	139	20.1%
12/26/2006 2:00	79	4	27	110	28.2%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/26/2006 3:00	56	3	14	73	23.3%
12/26/2006 4:00	65	3	20	88	26.1%
12/26/2006 5:00	116	6	35	157	26.1%
12/26/2006 6:00	259	6	34	299	13.4%
12/26/2006 7:00	434	12	32	478	9.2%
12/26/2006 8:00	633	6	58	697	9.2%
12/26/2006 9:00	956	14	89	1059	9.7%
12/26/2006 10:00	1295	14	109	1418	8.7%
12/26/2006 11:00	1456	14	100	1570	7.3%
12/26/2006 12:00	1567	12	139	1718	8.8%
12/26/2006 13:00	1567	10	135	1712	8.5%
12/26/2006 14:00	1579	12	119	1710	7.7%
12/26/2006 15:00	1499	20	148	1667	10.1%
12/26/2006 16:00	1327	15	139	1481	10.4%
12/26/2006 17:00	1131	7	132	1270	10.9%
12/26/2006 18:00	856	9	112	977	12.4%
12/26/2006 19:00	713	8	111	832	14.3%
12/26/2006 20:00	590	9	98	697	15.4%
12/26/2006 21:00	423	2	111	536	21.1%
12/26/2006 22:00	381	6	107	494	22.9%
12/26/2006 23:00	283	2	79	364	22.3%
12/27/2006 0:00	195	5	71	271	28.0%
12/27/2006 1:00	129	4	61	194	33.5%
12/27/2006 2:00	76	6	37	119	36.1%
12/27/2006 3:00	54	6	51	111	51.4%
12/27/2006 4:00	80	6	40	126	36.5%
12/27/2006 5:00	235	9	85	329	28.6%
12/27/2006 6:00	478	19	96	593	19.4%
12/27/2006 7:00	564	30	137	731	22.8%
12/27/2006 8:00	618	37	172	827	25.3%
12/27/2006 9:00	700	41	170	911	23.2%
12/27/2006 10:00	917	43	172	1132	19.0%
12/27/2006 11:00	1137	44	162	1343	15.3%
12/27/2006 12:00	1291	36	166	1493	13.5%
12/27/2006 13:00	1288	32	182	1502	14.2%
12/27/2006 14:00	1436	38	192	1666	13.8%
12/27/2006 15:00	1499	31	191	1721	12.9%
12/27/2006 16:00	1399	32	175	1606	12.9%
12/27/2006 17:00	1255	22	179	1456	13.8%
12/27/2006 18:00	927	18	220	1165	20.4%
12/27/2006 19:00	792	15	178	985	19.6%
12/27/2006 20:00	608	16	195	819	25.8%
12/27/2006 21:00	500	6	173	679	26.4%
12/27/2006 22:00	423	13	133	569	25.7%
12/27/2006 23:00	299	12	155	466	35.8%
12/28/2006 0:00	193	6	90	289	33.2%
12/28/2006 1:00	114	3	83	200	43.0%
12/28/2006 2:00	90	5	77	172	47.7%
12/28/2006 3:00	70	8	74	152	53.9%
12/28/2006 4:00	94	8	79	181	48.1%
12/28/2006 5:00	194	10	72	276	29.7%
12/28/2006 6:00	447	22	128	597	25.1%
12/28/2006 7:00	531	29	147	707	24.9%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/28/2006 8:00	620	30	159	809	23.4%
12/28/2006 9:00	853	40	178	1071	20.4%
12/28/2006 10:00	992	55	187	1234	19.6%
12/28/2006 11:00	1133	34	212	1379	17.8%
12/28/2006 12:00	1169	57	218	1444	19.0%
12/28/2006 13:00	1275	42	189	1506	15.3%
12/28/2006 14:00	1400	41	232	1673	16.3%
12/28/2006 15:00	1471	33	226	1730	15.0%
12/28/2006 16:00	1290	29	224	1543	16.4%
12/28/2006 17:00	1166	20	204	1390	16.1%
12/28/2006 18:00	913	16	190	1119	18.4%
12/28/2006 19:00	759	14	170	943	19.5%
12/28/2006 20:00	625	14	177	816	23.4%
12/28/2006 21:00	494	9	174	677	27.0%
12/28/2006 22:00	449	5	137	591	24.0%
12/28/2006 23:00	302	6	134	442	31.7%
12/29/2006 0:00	223	6	110	339	34.2%
12/29/2006 1:00	119	9	94	222	46.4%
12/29/2006 2:00	100	10	82	192	47.9%
12/29/2006 3:00	82	6	73	161	49.1%
12/29/2006 4:00	96	10	75	181	47.0%
12/29/2006 5:00	193	13	87	293	34.1%
12/29/2006 6:00	402	15	89	506	20.6%
12/29/2006 7:00	489	32	127	648	24.5%
12/29/2006 8:00	593	21	152	766	22.6%
12/29/2006 9:00	811	38	175	1024	20.8%
12/29/2006 10:00	941	31	210	1182	20.4%
12/29/2006 11:00	1131	39	179	1349	16.2%
12/29/2006 12:00	1156	33	175	1364	15.2%
12/29/2006 13:00	1246	41	175	1462	14.8%
12/29/2006 14:00	1384	33	216	1633	15.2%
12/29/2006 15:00	1395	30	162	1587	12.1%
12/29/2006 16:00	1381	22	167	1570	12.0%
12/29/2006 17:00	1177	20	149	1346	12.6%
12/29/2006 18:00	1044	19	142	1205	13.4%
12/29/2006 19:00	823	12	129	964	14.6%
12/29/2006 20:00	698	10	137	845	17.4%
12/29/2006 21:00	566	12	134	712	20.5%
12/29/2006 22:00	486	11	106	603	19.4%
12/29/2006 23:00	382	8	94	484	21.1%
12/30/2006 0:00	250	7	79	336	25.6%
12/30/2006 1:00	174	2	62	238	26.9%
12/30/2006 2:00	116	7	53	176	34.1%
12/30/2006 3:00	90	4	42	136	33.8%
12/30/2006 4:00	118	8	57	183	35.5%
12/30/2006 5:00	157	3	41	201	21.9%
12/30/2006 6:00	246	5	39	290	15.2%
12/30/2006 7:00	314	9	73	396	20.7%
12/30/2006 8:00	459	8	104	571	19.6%
12/30/2006 9:00	687	17	119	823	16.5%
12/30/2006 10:00	872	18	114	1004	13.1%
12/30/2006 11:00	1048	15	116	1179	11.1%
12/30/2006 12:00	1146	20	106	1272	9.9%

Appendix A4 Record of Traffic Data

Date/Time	Cars (both directions)	Short Trucks (both directions)	Long Trucks (both directions)	Total (both directions)	truck%
12/30/2006 13:00	1210	25	94	1329	9.0%
12/30/2006 14:00	1420	12	93	1525	6.9%
12/30/2006 15:00	1272	19	91	1382	8.0%
12/30/2006 16:00	1174	26	99	1299	9.6%
12/30/2006 17:00	1028	14	88	1130	9.0%
12/30/2006 18:00	856	20	87	963	11.1%
12/30/2006 19:00	768	7	90	865	11.2%
12/30/2006 20:00	606	5	81	692	12.4%
12/30/2006 21:00	542	6	47	595	8.9%
12/30/2006 22:00	473	10	56	539	12.2%
12/30/2006 23:00	359	9	39	407	11.8%
12/31/2006 0:00	335	3	28	366	8.5%
12/31/2006 1:00	169	4	26	199	15.1%
12/31/2006 2:00	128	5	25	158	19.0%
12/31/2006 3:00	85	5	26	116	26.7%
12/31/2006 4:00	80	1	21	102	21.6%
12/31/2006 5:00	87	2	24	113	23.0%
12/31/2006 6:00	173	3	22	198	12.6%
12/31/2006 7:00	189	2	39	230	17.8%
12/31/2006 8:00	231	3	29	263	12.2%
12/31/2006 9:00	246	5	30	281	12.5%
12/31/2006 10:00	347	4	21	372	6.7%
12/31/2006 11:00	363	7	27	397	8.6%
12/31/2006 12:00	482	3	28	513	6.0%
12/31/2006 13:00	517	3	39	559	7.5%
12/31/2006 14:00	516	4	46	566	8.8%
12/31/2006 15:00	494	3	31	528	6.4%
12/31/2006 16:00	514	3	43	560	8.2%
12/31/2006 17:00	467	1	38	506	7.7%
12/31/2006 18:00	404	4	29	437	7.6%
12/31/2006 19:00	309	4	29	342	9.6%
12/31/2006 20:00	272	6	29	307	11.4%
12/31/2006 21:00	197	2	27	226	12.8%
12/31/2006 22:00	142	2	27	171	17.0%
12/31/2006 23:00	90	0	14	104	13.5%