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16. Abstract

This report documents the methodology used to develop the Victoria County gridded mobile source emissions inventories. Included in the report are an overview of the emission estimation methodology and the 24-hour traffic assignments used in the analyses; the methods used to estimate the seasonally adjusted time-of-day vehicle miles of travel and associated operating speeds; the estimation of the emission rates using the EPA's MOBILE5a program; and an outline of the method used to develop the emission estimates using the MOBILE5a emission rates. The appendices present the MOBILE5a set-ups; the emission rates developed for the emissions inventory; and the SUMALL output tables showing VMT, VHT, and average operational speeds cross-classified by vehicle and roadway type, and pounds of VOC, CO, and NOx cross-classified by vehicle and roadway type.

These emission inventories were developed in support of the Coastal Oxidant Assessment of Southeast Texas Project (COAST); a large-scale study of ozone formation being conducted by the Texas Natural Resource Conservation Commission (TNRCC).

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DEVELOPMENT OF GRIDDED MOBILE SOURCE EMISSION ESTIMATES FOR VICTORIA COUNTY FY93, FY96, FY99, AND FY07 IN SUPPORT OF THE COAST PROJECT

by

William E. Knowles
Assistant Research Scientist
Texas Transportation Institute

and

George B. Dresser
Research Scientist
Texas Transportation Institute

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Research Study Title: Develop Air Quality Data for Federal Submission

Sponsored by the
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TEXAS TRANSPORTATION INSTITUTE
The Texas A&M University System
College Station, Texas 77843-3135

IMPLEMENTATION STATEMENT

This report documents the procedures used by the Texas Transportation Institute in developing Victoria County Mobile Source Emissions Inventories for FY93, FY96, FY99, and FY07. The emissions inventories are submitted in support of the Coastal Oxidant Assessment for Southeast Texas (COAST) Project. COAST is a large-scale study conducted by the Texas Natural Resource Conservation Commission to model the formation of ozone in the Houston-Galveston and Beaumont-Port Arthur air quality nonattainment areas.

The software used for these procedures is described in Research Report 1279-9: "Texas Mobile Source Emissions Software Version 2.0: User's Manual." No further implementation of the materials in this report is needed.

The purpose of this report is primarily to document procedures supporting State Implementation Plan submittals produced for and in cooperation with the Texas Natural Resource Conservation Commission. The State Implementation Plan-related materials being submitted to the Environmental Protection Agency by the Texas Natural Resource Conservation Commission are prepared in English units. Because this report is primarily to document procedures supporting State Implementation Plan submittals, English units have been used to maintain consistency.

DISCLAIMER

The contents of this report reflect the views of the authors who are responsible for the opinions, findings, and conclusions presented herein. The contents do not necessarily reflect the official views or policies of the Texas Department of Transportation. This report does not constitute a standard, specification, or regulation. Additionally, this report is not intended for construction, bidding, or permit purposes. George B. Dresser, Ph.D., is Principal Investigator for this project.

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SUMMARY

EMISSION ESTIMATION METHODOLOGY

For the development of the emissions inventories, a series of 24-hour assignments was performed for the Victoria County region for the 1993 base year and for the years 1996, 1999, and 2007. Summer VMT, speeds, and mobile source emissions estimates were developed for each of these assignments. The following briefly describes the methodology used in developing the estimates. The current networks for the region cover all of Victoria County. The emission estimates are developed by county. The emission estimation methodology provides complete coverage for Victoria County.

A series of programs (developed by the Texas Transportation Institute to facilitate the estimation of mobile source emissions) was used for the emission inventory analyses. The three programs used for computing the mobile source emissions for the Victoria County analyses are:

PREPIN — The PREPIN program was developed for use in urban areas (such as Victoria) which do not have time-of-day assignments and speeds available for air quality analyses. The program inputs a 24-hour assignment and applies the needed seasonal adjustment factors and time-of-day factors to estimate time-of-day travel. The Dallas-Fort Worth speed models are used to estimate the operational time-of-day speeds on the links. The VMT and speeds by link are subsequently input to the IMPSUMA program for estimating emissions.

POLFAC5B — The POLFAC5B program obtains emission rates using MOBILE5a.

IMPSUMA — The IMPSUMA program applies the emission rates (obtained from POLFAC5B) and VMT mixes to the time-of-day VMT and speed estimates to estimate the emissions.

Using the PREPIN software, the Victoria County 24-hour assignments were used to develop seasonally adjusted time-of-day Monday - Thursday VMT and speed estimates for four time-of-day periods:

Morning Peak Hour	7:15 a.m. - 8:15 a.m.
Midday	8:15 a.m. - 4:45 p.m.
Afternoon Peak Hour	4:45 p.m. - 5:45 p.m.
Overnight	5:45 p.m. - 7:15 a.m.

The volumes and VMT are seasonally adjusted to represent the summer season before the time-of-day volumes and speeds are estimated.

The POLFAC5B program was applied to develop the seasonal emission factors for each time-of-day period for each of the analysis years. The average August event day temperatures for

the subject time-of-day period were estimated and input to the POLFAC5B application of the MOBILE5a model. A separate 24-hour application of MOBILE5a was used to develop the diurnal emission rates.

Finally, IMPSUMA was applied to estimate the emissions for each of the four time-of-day periods. The 24-hour diurnal estimates were computed using the 24-hour diurnal rates. The county emission estimates for each of the four time-of-day periods and the diurnal estimates were summed to develop the final emission estimates. The emissions were gridded into 4-kilometer grids for each of the four time-of-day periods and for the 24-hour period.

I. INTRODUCTION

This report documents the mobile source emissions estimation methodology used for the development of the FY93, FY96, FY99, and FY07 emissions inventories for Victoria County. The remainder of this chapter provides an overview of the emission estimation methodology and the 24-hour traffic assignments used in the analyses. Chapter II describes the methods used to estimate the seasonally adjusted time-of-day vehicle miles of travel (VMT) and associated operating speeds. Chapter III discusses the estimation of the emission rates using the EPA's MOBILE5a program. Chapter IV briefly outlines the method used to develop the emission estimates (inventories) using the MOBILE5a emission rates.

OVERVIEW OF EMISSION ESTIMATION METHODOLOGY

For the COAST project, a series of 24-hour assignments was performed for the Victoria region for the 1993 base year and for 1996, 1999, and 2007. Summer mobile source emissions estimates were developed for each of these assignments. A new series of programs (i.e., the POLFAC5B, PREPIN, and IMPSUMA programs developed by TTI) was used for these analyses. The following briefly describes the methodology and software used in developing the estimates.

PREPIN — The PREPIN program was developed for use in urban areas (such as Victoria) which do not have time-of-day assignments and speeds available for air quality analyses. The program inputs a 24-hour assignment and applies the needed seasonal adjustment factors. The time-of-day factors are applied to the seasonally adjusted 24-hour assignment results to estimate the directional time-of-day travel. The Dallas-Fort Worth speed models are used to estimate the operational time-of-day speeds by direction on the links. Special intrazonal links are defined, and the VMT and speeds for intrazonal trips are estimated. These VMT and speeds by link are subsequently input to the IMPSUMA program for the application of MOBILE5a emission factors.

POLFAC5B — The POLFAC5B program is used to apply the EPA's MOBILE5a program to obtain the emission FACTORS (rates). The MOBILE5a emission factors are obtained for eight vehicle types and 63 speeds (i.e., 3 mph through 65 mph) for each vehicle type. Hence, there are 504 factors (i.e., 8 x 63 = 504) for each pollution type for each county. Three pollution types were computed: VOC, CO and NOX. Hence, for a given county there are 1,512 emission factors. These emission factors are output to an ASCII file for subsequent input to the IMPSUMA program. POLFAC5B is applied for each time-of-day time period being used. These time-of-day emission factors are applied using the IMPSUMA program to time-of-day VMT estimates by link.

IMPSUMA — The IMPSUMA program applies the emission rates (obtained from

POLFAC5B) and VMT mixes to the time-of-day VMT and speed estimates to estimate the emissions. The basic inputs to IMPSUMA are:

1. Data specifying the number of counties in the region and their names.

2. Names of the roadway types used in the study. These roadway types are used to summarize the emission results.

3. VMT mix by county and roadway type.

4. MOBILE5a emission factors developed using POLFAC5B by county.

5. Specification of the units for reporting emissions (grams, pounds, or tons).

6. Abbreviated assignment results by link input for the subject time period. PREPIN allows the user to estimate the VMT and speed on each link by time period. For each link, the following information is input to IMPSUMA: county number, roadway type number, VMT on link, operational speed estimate, and link distance.

Using these input data, the VMT for each link is stratified by the eight vehicle type; and the MOBILE5a emissions factors are applied to estimate the mobile source emissions for that link. The emissions for each county and emission type are reported by both roadway type and vehicle type (i.e., cross-classified by roadway type and vehicle type).

Using the PREPIN software, the Victoria 24-hour assignments were used to develop seasonally adjusted time-of-day AAWT VMT and speed estimates for four time-of-day periods:

Morning Peak Hour	7:15 a.m. - 8:15 a.m.
Midday	8:15 a.m. - 4:45 p.m.
Afternoon Peak Hour	4:45 p.m. - 5:45 p.m.
Overnight	5:45 p.m. - 7:15 a.m.

Separate time-of-day Monday - Thursday VMT and speed estimates were developed for the summer (August) season.

POLFAC5B was applied to develop the seasonal emission factors for each time-of-day period for each of the application years. The average temperature for the subject season and subject time-of-day period was an input to the POLFAC5B application of the MOBILE5a model. Separate 24-hour applications of MOBILE5a were used to develop the diurnal emissions rates.

Finally, IMPSUMA was applied to estimate the emissions for each of the four time-of-day periods. The 24-hour diurnal estimates were computed using the 24-hour diurnal rates and applying

them to the VMT of Time Period 2. Time Period 2 was the only Time Period which experienced a temperature increase. Diurnal emissions only occur during periods of temperature rise. The emission estimates for each of the four time-of-day periods was summed to develop the final emission estimates.

24-HOUR TRAFFIC ASSIGNMENTS

The 24-hour capacity-restrained assignments were developed by the Transportation Planning and Programming Division (TPP) of TxDOT in a cooperative effort with the Yoakum District Office of TxDOT and the Victoria MPO. Table 1 summarizes the 24-hour traffic assignments, trip tables, and networks used in the analyses. The 1990, 1996, and 2006 trip tables were developed using the standard TxDOT vehicle trip generation, trip distribution, and traffic assignment procedures modified for this application. A model validation for all of Victoria County was not available. Historically, only the urbanized portion of Victoria County has been modeled; but for the emission inventory, all of the county had to be modeled. TxDOT TPP staff developed additional travel survey zones for the rural portions of the county and added all the rural functionally classified roadways to the travel model network. The demographics for the new rural zones were prepared with assistance from the Victoria MPO using information obtained from the Department of Rural Sociology at Texas A&M University. The original rural area type trip rates were used for the new rural zones. The original demographics for Victoria were prepared by the Victoria MPO in 1984.

For the purpose of estimating emissions, the assignment VMT was scaled to the HPMS-based control total VMT for each analysis year. The procedures used to estimate the HPMS-based VMT control totals and the scale factors used to convert the travel model VMT to the HPMS-based control totals are provided in Chapter II. For the Victoria County application, the travel model was used to obtain the distribution of VMT by roadway functional classification and analysis zone; and the HPMS-based VMT control totals were used to obtain the correct overall VMT.

Table 1
24-Hour Traffic Assignments

Traffic Assignment	Trip Table Year	Network Year
1. 1993 Base Year	Average of 1990 and 1996 trip tables	1993
2. 1996	1996	1996
3. 1999	Interpolation between 1996 and 2006 trip tables	1996
4. 2007	2006 scaled to 2007	2006

II. ESTIMATION OF TIME-OF-DAY VMT AND SPEEDS

The time-of-day VMT and speed estimates for Victoria County were developed using PREPIN. The program inputs a 24-hour assignment and applies the needed scale factor. The time-of-day factors were applied to the scaled 24-hour assignment results to estimate the directional time-of-day travel. The Dallas-Fort Worth speed models were used to estimate the operational time-of-day speeds by direction on the links. Special intrazonal links were defined, and the VMT and speeds for intrazonal trips were estimated. These VMT and speeds by link were subsequently input to IMPSUMA for the application of MOBILE5a emission factors.

For the emission inventory analyses, a series of 24-hour assignments were performed for the Victoria region for the 1993 base year and for 1996, 1999, and 2007. For a given application year, four applications of PREPIN were run to estimate the directional VMT and speeds for each of four time periods comprising the 24-hour period:

Morning Peak Hour	7:15 a.m. - 8:15 a.m.
Midday	8:15 a.m. - 4:45 p.m.
Afternoon Peak Hour	4:45 p.m. - 5:45 p.m.
Overnight	5:45 p.m. - 7:15 a.m.

For a given application of the PREPIN program for the Victoria emission inventory analyses, the following parameters and data were input to PREPIN:

- County table of equals
- Area type table of equals
- HPMS/VMT scale factor
- Time-of-day factor
- Directional split estimates
- Time-of-day capacity factors
- Freeflow speed factors
- Coefficients for the Dallas-Fort Worth speed estimation model
- Assignment trip table
- Zonal radii data
- Capacity restrained assignment results

The remainder of this chapter discusses these key input data used in the Victoria PREPIN applications to prepare the time-of-day VMT and speed estimates. The primary output of PREPIN is a data set for the subject time period containing two records for each link (i.e., one record specifying the estimated time-of-day VMT and speed in the peak, or principal direction, and the second record specifying the estimated VMT and speed in the opposite direction). This data set is subsequently input to IMPSUMA which applies the MOBILE5a emission rates (developed using POLFAC5B) to estimate the mobile source emissions for each link. Finally, the SUMALL program combines the time-of-day emission estimates and computes the 24-hour diurnal estimates to obtain the 24-hour emission estimates.

COUNTY SPECIFICATIONS

PREPIN provides for processing an assignment comprised of up to eight counties. Various summaries are produced by county and for the entire region. For a given application, the counties are numbered sequentially starting with one. The county table of equals data input to PREPIN specifies the zone numbers contained in each county. In the case of Victoria, the region is comprised of only one county. Hence, all zones in the Victoria region are equated to County 1. Each link in the network is assigned an associated zone number. Using the link's associated zone number, the county within which the link is located is determined using these input data. The county number is included in the link record output data set produced by PREPIN. The specification of the county number in these data allow IMPSUMA to accumulate and report the mobile source emissions estimates by county.

AREA TYPE SPECIFICATIONS

PREPIN allows various factors to be specified by area type number and functional classification number. The Victoria models use four area types:

1. Central Business District (CBD)
2. Urban
3. Suburban
4. Rural

The Victoria area type table of equals specifies the zones contained in each of the four area types. Using the link's associated zone number, the area type within which the link is located is determined.

VMT ADJUSTMENT FACTORS AND VMT CONTROL TOTALS

For the Victoria analysis, the 1993 HPMS vehicle miles of travel (VMT) were judged to be the most reliable estimate of total daily travel. Because 24-hour travel on the highway system varies by day of week and by month of year, it was necessary to adjust the HPMS average annual daily traffic (AADT) for day of week and for month of year. For Victoria, the 1993 HPMS AADT was adjusted for day-of-week (Monday - Thursday) and to August 1993 using factors estimated from data contained in the *1993 Annual Report Permanent Automatic Traffic Recorders* (published by TxDOT). An adjustment factor of 0.979 was used to convert the 1993 HPMS AADT VMT of 2,112,859 to 2,068,489. This adjusted HPMS VMT was used as a VMT control total for 1993.

Similarly, VMT control totals were developed for each analysis year. VMT growth rates were developed using the travel model VMT estimates shown in Table 2. The growth rates were then applied to the 1993 VMT control total discussed above. The assumptions made were that the travel models provided the best estimate of VMT growth between 1990 and 2015 and that the 1993 HPMS VMT, as adjusted, provided the best estimate of August 1993, Monday - Thursday, VMT.

Table 3 shows the VMT control totals for each analysis year and the VMT for each of the four time-of-day periods.

To apply the control total, the 1993 HPMS VMT scale factor was computed by dividing the 1993 control total VMT by the 1993 traffic assignment VMT. This HPMS VMT scale factor was used by PREPIN to scale the traffic assignment link VMT so that traffic assignment link VMT summed to the HPMS VMT control total. Similarly, HPMS VMT scale factors were calculated for each analysis year by dividing the appropriate control total VMT from Table 3 by the travel model VMT from Table 2. The HPMS scale factors were used by PREPIN to scale the travel model link VMT so that traffic assignment link VMT summed to the HPMS VMT control total for each analysis year.

Contact for VMT and speed data is George B. Dresser, Texas Transportation Institute, Texas A&M University System, College Station, Texas 77843-3135, (409) 845-3326. The 1993 HPMS VMT estimates were obtained from TxDOT. Future year VMT control totals were developed in accordance with the methodology described above.

Table 2
Travel Model, Trip Table, and HPMS VMT by Year

Original Travel Model Year	Original Travel Model VMT	Factored Trip Table Year	Traffic Assignment VMT	HPMS VMT Scale Factor	HPMS VMT Control Total
1990	2,372,044	1993	2, 483, 821	0.8328	2, 068,489
1996	2,596,644	1996	2, 596,644	0.8326	2, 161,991
2006	2,975,294	1999	2, 710,760	0.8324	2,256,570
2015	3,252,999	2007	2,975,294	0.8412	2,502,950

Table 3
Control Total VMT for Victoria Analysis by Year and Time Period

Time Period	1993 VMT	1996 VMT	1999 VMT	2007 VMT
Time Period 1	221,121	231,116	241,227	267,565
Time Period 2	1,041,070	1,088,130	1,135,732	1,259,734
Time Period 3	210,572	220,090	229,718	254,800
Time Period 4	595,724	622,653	649,892	720,849
Total	2,068,489	2,161,991	2,256,570	2,502,950

TIME-OF-DAY TRAVEL FACTORS

The 1990 household travel survey data for three study areas (San Antonio, Amarillo, and Brownsville) were processed to develop the estimated portions of travel by time of day. Table 4 summarizes the results obtained from the three studies and the averages used in the analyses. These average percentages were applied to the scaled link VMT to estimate link VMT for each of the four time periods.

Table 4
Portions of Travel by Time Periods
(in percentages)

	San Antonio	Amarillo	Brownsville	Average
7:15 am to 8:15 am	10.88	10.84	10.34	10.69
8:15 am to 4:45 pm	48.13	51.17	51.71	50.33
4:45 pm to 5:45 pm	10.34	10.78	9.41	10.18
5:45 pm to 7:15 am	30.66	27.21	28.54	28.80
TOTALS	100.00	100.00	100.00	100.00
Number of Vehicle Trips in the Sample	15,466	20,844	9,567	-

TIME-OF-DAY DIRECTIONAL SPLIT ESTIMATES

The 24-hour link assignment volumes are nondirectional volumes (i.e., the sum of the volumes in the two directions on a link). The seasonal scale factor and time-of-day travel factors were applied to estimate the adjusted time-of-day volume on a link. PREPIN provides for the application of directional splits to estimate the portion of the travel expected to occur in each direction. These directional volume estimates are used to estimate the directional speeds. PREPIN outputs two link records for a link: a link record containing the estimated VMT and speed in the peak (or dominant) direction and a link record containing the estimated VMT and speed in the off-peak (or opposite) direction. This allows IMPSUMA to apply the MOBILE5a emission factors directionally by speed.

Time-of-day directional split factors by area type and facility type were estimated based on directional traffic volume counts conducted in Jefferson, Orange, and Hardin Counties as a part of COAST. It was assumed that these directional split factors for Victoria, which were not available, would be similar. Table 5 summarizes the morning peak directional split used in the Victoria PREPIN applications. Table 6 summarizes the directional splits used for the off-peak periods, and Table 7 summarizes the directional splits used for the afternoon peak period.

Table 5: Morning Peak-Period Directional Split Estimates for Victoria

AREA TYPES	FUNCTIONAL CLASSIFICATIONS				
	0	1	2	4	5
	Centroid Connectors	IH	Divided & Undivided Highway	Divided Arterials	Undivided Arterials
1 CBD	55.0	50.0	54.0	51.0	51.0
2 Urban	80.0	55.0	65.0	53.0	53.0
3 Suburban	75.0	59.0	70.0	53.0	53.0
4 Rural	70.0	71.0	65.0	70.0	70.0

Table 6: Off-Peak Directional Split Estimates for Victoria

AREA TYPES	FUNCTIONAL CLASSIFICATIONS				
	0	1	2	4	5
	Centroid Connectors	IH	Divided & Undivided Highway	Divided Arterials	Undivided Arterials
1 CBD	55.0	52.0	54.0	53.0	53.0
2 Urban	51.0	53.0	55.0	52.0	52.0
3 Suburban	52.0	53.0	53.0	52.0	52.0
4 Rural	55.0	53.0	55.0	55.0	55.0

Table 7: Afternoon Peak-Period Directional Split Estimates for Victoria

AREA TYPES	FUNCTIONAL CLASSIFICATIONS				
	0	1	2	4	5
	Centroid Connectors	IH	Divided & Undivided Highway	Divided Arterials	Undivided Arterials
1 CBD	56.0	55.0	55.0	52.0	52.0
2 Urban	78.0	60.0	62.0	56.0	56.0
3 Suburban	76.0	63.0	65.0	56.0	56.0
4 Rural	69.0	66.0	60.0	64.0	64.0

TIME-OF-DAY CAPACITY FACTORS

The 24-hour capacity restraint assignments are performed using nondirectional 24-hour capacities. The nondirectional capacities are included in the assignment data set which is input to PREPIN. User-supplied time-of-day capacity factors are applied to the nondirectional capacity (or service volume) for the subject time period. In computing the directional V/C ratio for estimating the directional speeds, PREPIN assumes the directional split for capacity to be 50-50.

Table 8 summarizes the typical 24-hour capacities per lane used in the Victoria highway networks. Table 9 summarizes the estimated hourly capacities per lane used in developing the capacity factors. These capacities were developed to be consistent with the hourly capacities used in the Dallas-Fort Worth region for applying their speed models. The capacity factors for a given time period are computed as follows:

$$Capacity\ Factor = \frac{(Hourly\ Capacity\ per\ Lane)(Length\ of\ Time\ Period)}{24\text{-}hour\ Capacity\ per\ Lane}$$

The length of the time period is specified in hours. Capacity factors (stratified by area type and functional classification) were computed for each of the four time periods.

FREEFLOW SPEED FACTORS

The application of the Dallas-Fort Worth speed models requires an estimate of the freeflow speed on the link. These freeflow speed estimates are computed using the 24-hour speeds input on the link data. The freeflow speed factors (stratified by area type and functional classification) are applied to the 24-hour nondirectional link speeds to estimate the freeflow speed. The freeflow speed is assumed to be the same in each direction.

Table 10 summarizes the typical 24-hour speeds used in the Victoria highway network. Table 11 summarizes the typical freeflow speed estimates used in estimating the freeflow speed factors. These freeflow speed estimates were developed to be consistent with those used in the 1990 Victoria emission inventories. The freeflow speed factor for a given functional classification and area type is computed by simply dividing the freeflow speed by the 24-hour speed. These user-estimated factors are input to the PREPIN program using SPDFAC records.

Table 8: Typical 24-Hour Capacities per Lane for the Victoria Network

AREA TYPES	FUNCTIONAL CLASSIFICATIONS				
	0	1	2	4	5
	Centroid Connectors	IH	Divided & Undivided Highway	Divided Arterials	Undivided Arterials
1 CBD	-	8,250	7,666	6,777	4,525
2 Urban	-	8,000	6,250	6,900	6,060
3 Suburban	-	7,750	8,900	5,037	4,688
4 Rural	-	7,600	4,512	4,055	4,199

Table 9: Estimated Typical Hourly Capacities per Lane for the Victoria Network

AREA TYPES	FUNCTIONAL CLASSIFICATIONS				
	0	1	2	4	5
	Centroid Connectors	IH	Divided & Undivided Highway	Divided Arterials	Undivided Arterials
1 CBD	-	1,800	525	550	500
2 Urban	-	1,875	600	625	575
3 Suburban	-	1,950	675	700	625
4 Rural	-	2,000	725	750	675

Table 10: Average 24-Hour Speeds for the Victoria Network

AREA TYPES	FUNCTIONAL CLASSIFICATIONS				
	0	1	2	4	5
	Centroid Connectors	IH	Divided & Undivided Highway	Divided Arterials	Undivided Arterials
1 CBD	15.90	25.00	19.33	18.33	26.76
2 Urban	20.97	30.00	39.33	38.42	32.02
3 Suburban	23.79	35.00	47.14	41.86	38.44
4 Rural	48.11	40.65	49.40	52.90	54.58

Table 11: Estimated Typical Freeflow Speeds for the Victoria Network

AREA TYPES	FUNCTIONAL CLASSIFICATIONS				
	0	1	2	4	5
	Centroid Connectors	IH	Divided & Undivided Highway	Divided Arterials	Undivided Arterials
1 CBD	15.90	55.00	21.01	19.93	29.09
2 Urban	20.97	55.00	42.75	41.77	34.81
3 Suburban	23.79	55.00	51.24	45.50	41.78
4 Rural	48.11	65.00	53.69	57.50	59.32

SPEED MODEL PARAMETERS

In the Dallas-Fort Worth speed model implemented in PREPIN, the directional delay (in minutes per mile) due to congestion is computed using a volume-delay equation. The following is the general form of the volume-delay equation used in the model:

$$Delay = Min\ [A\, e^{B(\frac{V}{C})}, M]$$

Where:

Delay	=	Congestion delay (in minutes/mile)
A & B	=	Volume-delay equation coefficients (input via DELAY records into PREPIN)
M	=	Maximum minutes of delay per mile, read from the DELAY cards
V/C	=	Time-of-day directional V/C ratio

Two sets of coefficients and constraints were developed by the North Central Texas Council of Governments (NCTCOG) for the D-FW model: one for high-capacity facilities and one for low-capacity facilities. High-capacity facilities (usually freeways) are defined as those having a capacity exceeding 3,400 vehicles per hour (one way). The volume-delay equation parameters which were developed by the NCTCOG in late 1992 for use in the D-FW air quality analyses are presented in Table 12.

Table 12
Volume-Delay Equation Parameters

Parameters	Parameter Values	
	High-Capacity Facilities	Low-Capacity Facilities
A	0.015	0.050
B	3.5	3.0
M	5.0	10.0

Because the functional classification codes used in the link data may vary from study area to study area, PREPIN requires that the user specify the desired delay equation parameters by county

and functional classification. For the Victoria emission inventory applications, the high-capacity facilities parameter values in Table 10 were used for functional classification 1 (i.e., IH, freeway). The low-capacity facilities parameter values in Table 10 were used for all other functional classes. The speed models are not applied to centroid connectors. Because centroid connectors represent local streets which generally are relatively uncongested, it is assumed the 24-hour speed is representative of both the peak and off-peak speeds on these facilities.

Given the estimated directional delay (in minutes/mile) and the estimated freeflow speed, the directional congested speed is computed as follows:

$$Congested\ speed = \frac{60}{\frac{60}{Freeflow\ speed} + Delay}$$

These congested directional speed estimates for each link are included in the link records produced by PREPIN for subsequent input to IMPSUMA to estimate the mobile source emissions for the traffic moving at this estimated speed.

OTHER DATA INPUTS

The remaining data inputs to PREPIN are:

- The 24-Hour Assignment Data Set: This network data is set produced by the Texas Assignment Package which contains the capacity restraint assignment results. PREPIN uses this data set to obtain the following information for each link: the link's A-node and B-node numbers, the link's functional classification, link distance, input link data speed, and final nondirectional capacity restrained assignment volume.

- The Assignment Trip Table: This packed 24-hour assignment trip table data set is used to produce the subject assignment. PREPIN uses this data set to obtain the 24-hour intrazonal trips for each zone.

- The Zonal Radii Data: These data are the zonal radii estimates used as input to the trip distribution model applications for the Victoria area. These zonal radii estimates are used by PREPIN to estimate the average trip length of intrazonal trips.

These data sets were developed by TxDOT for use in the Victoria emissions inventory analyses.

III. ESTIMATION OF EMISSION RATES USING MOBILE5a

The MOBILE5a program was used to compute the mobile source emission rates (or factors) for the Victoria emission inventory. MOBILE5a was used directly for computing 24-hour diurnal emission rates. MOBILE5a was applied using POLFAC5B to estimate the emission factors by speed for each of the four time-of-day time periods.

POLFAC5B is one of a series of programs developed by the Texas Transportation Institute to facilitate the computation of mobile source emissions. POLFAC5B was used to apply MOBILE5a to obtain emission factors. The emission factors were obtained for eight vehicle types and 63 speeds (i.e., 3 mph through 65 mph) for each vehicle type. Hence, there are 504 factors (i.e., 8 x 63 = 504) for each pollution type for each county. Seven pollution types were computed: total VOC, CO, NOX, exhaust VOC (EXHS), running loss VOC (RNLS), resting loss VOC (RSTL), crankcase VOC (CC), hot soak VOC (HTSK), and diurnal VOC. These emission factors are output to an ASCII file for subsequent input to IMPSUMA. For Victoria, POLFAC5B was applied for each of the four time-of-day time periods for analysis year. The emission factors from POLFAC5B were applied using IMPSUMA to estimate emissions.

The MOBILE5a set-up data were input to the POLFAC5B program. TNRCC provided the MOBILE5a set-up for Victoria. As requested by TNRCC, the 1993, 1996, 1999, and 2007 MOBILE5a set-ups were prepared by changing the subject year.

REID VAPOR PRESSURE

The Reid Vapor Pressure (RVP) for all analyses was 8.1 psi.

VEHICLE REGISTRATION DISTRIBUTIONS

The MOBILE5a set-ups used 1994 local registration data for the vehicle age distributions.

VMT MIX

The estimated distribution of vehicle miles by vehicle type (i.e., the vehicle mix) used the default values in MOBILE5a.

ESTIMATION OF TEMPERATURES BY TIME-OF-DAY

The temperatures by time-of-day were provided by TNRCC. Diurnal emission rates were computed using a separate application of MOBILE5a. Each application of MOBILE5a requires three temperature inputs: low temperature, high temperature, and ambient temperature. To avoid computing diurnals for the four time periods, the same temperature was input for the low, the high

and the ambient temperatures. Table 13 lists the temperature inputs for each of the four time periods and the 24-hour diurnal applications for Victoria.

Table 13
MOBILE5a Temperature Inputs Used for Victoria Emission Inventory Applications

	MOBILE5a Temperature Inputs		
	Low	High	Ambient
Summer: 24-Hour Diurnal Application	74.2	99.4	91.0
Summer: Time Period 1 (AM Peak)	73.5	73.5	73.5
Summer: Time Period 2 (Midday)	93.4	93.4	93.4
Summer: Time Period 3 (PM Peak)	91.4	91.4	91.4
Summer: Time Period 4 (Overnight)	84.1	84.1	84.1

MOBILE5a SET-UPS

Appendix A shows the MOBILE5a set-ups used to develop the emissions inventories for FY93, FY96, FY99, and FY07. The MOBILE5a set-ups were prepared for each of the four time periods. The temperatures were the only changes made in the set-ups between time periods. The temperature inputs used by time periods are listed Table 13. The MOBILE5a set-ups for diurnals for each year are also presented in Appendix A.

EMISSION RATES

The emission rates are presented in Appendix B. The 24-hour diurnal emission rates for each analysis year are stratified by vehicle type. The emission factors used vary by the time-of-day time periods, the eight vehicle types, and 63 speeds.

DIURNAL EMISSIONS

MOBILE5a was used directly for computing 24-hour diurnal emissions rates in grams per mile. The temperatures used for calculating the diurnal emission rates are shown in Table 13. The MOBILE5 set-ups for calculating the diurnal emission rates for each analysis year are provided in Appendix A. The IMPSUMA program calculates a diurnal time period scaling factor which is the fraction of temperature rise within this time period divided by the total temperature rises and multiplied by the total 24-hour VMT divided by the total time period VMT. The IMPSUMA program calculates the time period diurnal emissions (24-hour grams per mile diurnal rate times the

time period VMT) multiplied by the diurnal time period scaling factor. The total of all time period diurnal emissions then sum to the total 24-hour diurnal emissions. For this application, since Time Period 2 was the only time period with a temperature rise, the total diurnal emissions were assigned to Time Period 2. The diurnal emissions were spatially allocated on the basis of the VMT occurring in Time Period 2.

IV. EMISSION ESTIMATES

The emission estimates are computed using the emission rates discussed in the preceding chapter. The time-of-day emission estimates are developed using the time-of-day emission rates (discussed in Chapter III) and the time-of-day VMT and speed estimates (discussed in Chapter II). The following provides a more detailed discussion of the method used to estimate the time-of-day emissions and the method used to develop the 24-hour emission estimates for the Victoria County emission inventories.

ESTIMATION OF TIME-OF-DAY EMISSIONS

For a given analysis year, the mobile source emissions for each of the four time-of-day periods were computed using IMPSUMA. IMPSUMA is one of a series of programs developed by TTI to facilitate the computation of emissions. IMPSUMA uses emission factors obtained from POLFAC5B, the default VMT mixes, and the link VMT and speed estimates to compute the emissions by county.

The basic inputs for the applications of IMPSUMA were:

1. Data specifying the number of counties in the region and their names (i.e., one county named Victoria).
2. Names of the road types used in the study. These road types are used to summarize the emission results. The roadway types used in the emission inventory analyses are the functional classifications used in the networks.
3. VMT mix by county used in the MOBILE5a set-ups.
4. Emission factors from POLFAC5B.
5. Specification of the units for reporting emissions (grams, pounds, or tons).
6. Link records providing the estimated VMT and speeds. For each link record, the following information must be provided: county number, road type number, VMT estimate, operational speed estimate, and center line miles. These data were prepared using PREPIN.

The emission rates produced using MOBILE5a are stratified by eight vehicle types. To apply the emission rates, VMT for a link record is disaggregated by the eight vehicle types applying the user-supplied VMT mixes. The software was designed to allow the user to input the VMT mix data by county and by roadway type within a county. IMPSUMA uses these data to disaggregate the VMT for each link by the eight vehicle types based on the user-supplied estimate of the VMT mix for that link's county and roadway type.

The emission estimates are computed for each link by multiplying the appropriate emission factors corresponding to the link's roadway type and the link's estimated speed. For non-integer speed estimates, the emissions factors are computed by interpolating between the emission factors for the integer speeds on either side of the subject speed. The interpolation is performed using the reciprocals of the corresponding speeds rather than the speeds themselves.

EMISSION GRIDDING IN IMPSUMA

The emissions inventories described in this report will be used as input to the Urban Airshed Model (UAM). The UAM is used to model ozone formation. The model requires that the emissions inventories be input by grid square in UTM coordinates. For Victoria, these grids are 4-kilometer squares.

The gridding of the link emissions is done by the IMPSUMA program. IMPSUMA uses the coordinates of the A-node and the B-node for each link to disaggregate the link emissions into grids. If the A-node and the B-node are geographically located within the same grid square, that square is assigned all the link's emissions. If the link crosses one or more grid lines, the link is segmented at the grid line, and each grid square takes a part of the link emissions proportional to the length of the link within each square.

IMPSUMA outputs to a computer file the emissions by emissions type by time period and a total emissions by type for all time periods for each grid for each analysis year. The emission types output are VOC, CO, and NOX and the VOC components exhaust, running loss, resting loss, crankcase, hotsoak, and diurnal. The computer file of emissions by grid is provided for use by the UAM.

SUMMARY OF TIME-OF-DAY EMISSIONS BY EMISSION TYPE AND TIME PERIOD

Tables 14, 15, 16, 17 show emission totals by time period and pollutant type for each analysis year.

Table 14
1993 Emissions by Time Period and Pollutant Type
(August Typical Monday - Thursday Day)

Time Period	VOC (Pounds)	CO (Pounds)	NOX (Pounds)
Time Period 1	785.7	8231.1	1,655.8
Time Period 2	5,713.2	4,3120.7	7,878.4
Time Period 3	934.2	8,822.6	1,536.0
Time Period 4	2,228.6	23,095.7	4,721.0
Total	9,661.7	83,270.1	15,791.2

Table 15
1996 Emissions by Time Period and Pollutant Type
(August Typical Monday - Thursday Day)

Time Period	VOC (Pounds)	CO (Pounds)	NOX (Pounds)
Time Period 1	725.0	7,368.9	1,566.6
Time Period 2	5,030.5	35,470.0	7,587.4
Time Period 3	834.8	7,397.9	1,478.4
Time Period 4	1,993.2	19,595.5	4,498.2
Total	8,583.5	69,832.4	15,130.6

Table 16
1999 Emissions by Time Period and Pollutant Type
(August Typical Monday - Thursday Day)

Time Period	VOC (Pounds)	CO (Pounds)	NOX (Pounds)
Time Period 1	717.3	6,943.6	1,473.2
Time Period 2	4,641.0	30,366.5	7,162.3
Time Period 3	795.1	6,617.7	1,401.4
Time Period 4	1,852.0	16,951.7	4,219.7
Total	8,005.4	60,879.5	14,256.5

Table 17
2007 Emissions by Time Period and Pollutant Type
(August Typical Monday - Thursday Day)

Time Period	VOC (Pounds)	CO (Pounds)	NOX (Pounds)
Time Period 1	687.3	6,418.0	1,334.0
Time Period 2	4,053.0	25,063.4	6,504.8
Time Period 3	718.3	5,757.8	1,277.6
Time Period 4	1,693.6	14,326.0	3,814.9
Total	7,152.2	51,565.2	12,931.3

APPENDIX A

VICTORIA MOBILE5A SET-UPS FOR FY93, FY96, FY99, AND FY07, COAST PROJECT

Table A-1
Summer 1993 Victoria County MOBILE5a Set-Up Time Period 1

```
1          PROMPT
1 VICTORIA Ozone   - 1993 Emission estimate period 1 (7:00 AM - 8:00 AM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                 11-20
 .005 .004 .004 .003 .017                           Registrations            21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 93      B 73.5 73.5  8.1  8.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 93 XXXX 73.5 20.6 27.3 20.6  7                           RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-2
Summer 1993 Victoria County MOBILE5a Set-Up Time Period 2

```
1          PROMPT
1 VICTORIA         - 1993 Emission estimate period 2 (8:00 AM - 5:00 PM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                 11-20
 .005 .004 .004 .003 .017                           Registrations            21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 93      B 93.4 93.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 93 XXXX 93.4 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-3
Summer 1993 Victoria County MOBILE5a Set-Up Time Period 3

```
1          PROMPT
1 VICTORIA         - 1993 Emission estimate period 3 (5:00 PM - 6:00 PM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                 11-20
 .005 .004 .004 .003 .017                           Registrations           21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 93      B 91.4 91.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 93 XXXX 91.4 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-4
Summer 1993 Victoria County MOBILE5a Set-Up Time Period 4

```
1          PROMPT
1 VICTORIA         - 1993 Emission estimate period 4 (6:00 PM - 7:00 AM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                 11-20
 .005 .004 .004 .003 .017                           Registrations            21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061            .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                           11-20
 .009 .007 .008 .005 .028                                                    21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078            .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                           11-20
 .006 .004 .003 .003 .004                                                    21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059            .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                           11-20
 .013 .022 .009 .009 .050                                                    21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069            .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                           11-20
 .005 .004 .004 .003 .017                                                    21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061            .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                           11-20
 .009 .007 .008 .005 .028                                                    21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050            .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                           11-20
 .011 .028 .020 .006 .022                                                    21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103            .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                           11-20
 .000 .000 .000 .000 .000                                                    21-25
VICTORIA 93      B 84.1 84.1 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 93 XXXX 84.1 20.6 27.3 20.6  7                           RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-5
Summer 1993 Victoria County MOBILE5a Set-Up Diurnals

```
1          PROMPT
1 VICTORIA         - 1993 Emission estimate 24 hr. analysis.
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 93      B 74.2 99.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 93 30.0 91.0 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-6
Summer 1996 Victoria County MOBILE5a Set-Up Time Period 1

```
1          PROMPT
1 VICTORIA Ozone   - 1996 Emission estimate period 1 (7:00 AM - 8:00 AM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 96      B 73.5 73.5  8.1  8.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 96 XXXX 73.5 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-7
Summer 1996 Victoria County MOBILE5a Set-Up Time Period 2

```
1          PROMPT
1 VICTORIA         - 1996 Emission estimate period 2 (8:00 AM - 5:00 PM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 96      B 93.4 93.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 96 XXXX 93.4 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-8
Summer 1996 Victoria County MOBILE5a Set-Up Time Period 3

```
1          PROMPT
1 VICTORIA         - 1996 Emission estimate period 3 (5:00 PM - 6:00 PM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 96      B 91.4 91.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 96 XXXX 91.4 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-9
Summer 1996 Victoria County MOBILE5a Set-Up Time Period 4

```
1          PROMPT
1 VICTORIA         - 1996 Emission estimate period 4 (6:00 PM - 7:00 AM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations          21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 96      B 84.1 84.1 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 96 XXXX 84.1 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-10
Summer 1996 Victoria County MOBILE5a Set-Up Diurnals

```
1          PROMPT
1 VICTORIA         - 1996 Emission estimate 24 hr. analysis.
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 96      B 74.2 99.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 96 30.0 91.0 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-11
Summer 1999 Victoria County MOBILE5a Set-Up Time Period 1

```
1          PROMPT
1 VICTORIA Ozone   - 1999 Emission estimate period 1 (7:00 AM - 8:00 AM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations          21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 99      B 73.5 73.5  8.1  8.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 99 XXXX 73.5 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-12
Summer 1999 Victoria County MOBILE5a Set-Up Time Period 2

```
1          PROMPT
1 VICTORIA         - 1999 Emission estimate period 2 (8:00 AM - 5:00 PM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                 11-20
 .005 .004 .004 .003 .017                           Registrations         21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 99      B 93.4 93.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 99 XXXX 93.4 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-13
Summer 1999 Victoria County MOBILE5a Set-Up Time Period 3

```
1          PROMPT
1 VICTORIA          - 1999 Emission estimate period 3 (5:00 PM - 6:00 PM)
1          TAMFLG   - Default: Tampering Rates
1          SPDFLG   - User input: one speed for all vehicle types
1          VMFLAG   - User input: default Vmt mix for all scenario
3          MYMRFG   - Default: AMAR, User input: Reg. Distributions
1          NEWFLG   - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG   - No I/M programs
1          ALHFLG   - No additional correction factors
1          ATPFLG   - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG   - Zero-out refueling emissions
2          LOCFLG   - User input: one LAP record for all scenarios
1          TEMFLG   - MOBILE5A calculates exhaust temperatures
4          OUTFMT   - 112-column descriptive format
4          PRTFLG   - Print HC, CO and NOX emission factors
1          IDLFLG   - No idle emissions calculated or printed
3          NMHFLG   - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG   - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 99      B 91.4 91.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 99 XXXX 91.4 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-14
Summer 1999 Victoria County MOBILE5a Set-Up Time Period 4

```
1           PROMPT
1 VICTORIA          - 1999 Emission estimate period 4 (6:00 PM - 7:00 AM)
1           TAMFLG  - Default: Tampering Rates
1           SPDFLG  - User input: one speed for all vehicle types
1           VMFLAG  - User input: default Vmt mix for all scenario
3           MYMRFG  - Default: AMAR, User input: Reg. Distributions
1           NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1           IMFLAG  - No I/M programs
1           ALHFLG  - No additional correction factors
1           ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5           RLFLAG  - Zero-out refueling emissions
2           LOCFLG  - User input: one LAP record for all scenarios
1           TEMFLG  - MOBILE5A calculates exhaust temperatures
4           OUTFMT  - 112-column descriptive format
4           PRTFLG  - Print HC, CO and NOX emission factors
1           IDLFLG  - No idle emissions calculated or printed
3           NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1           HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 99      B 84.1 84.1 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 99 XXXX 84.1 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-15
Summer 1999 Victoria County MOBILE5a Set-Up Diurnals

```
1          PROMPT
1 VICTORIA         - 1999 Emission estimate 24 hr. analysis.
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061            .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                           11-20
 .009 .007 .008 .005 .028                                                    21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078            .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                           11-20
 .006 .004 .003 .003 .004                                                    21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059            .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                           11-20
 .013 .022 .009 .009 .050                                                    21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069            .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                           11-20
 .005 .004 .004 .003 .017                                                    21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061            .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                           11-20
 .009 .007 .008 .005 .028                                                    21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050            .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                           11-20
 .011 .028 .020 .006 .022                                                    21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103            .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                           11-20
 .000 .000 .000 .000 .000                                                    21-25
VICTORIA 99      B 74.2 99.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 99 30.0 91.0 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-16
Summer 2007 Victoria County MOBILE5a Set-Up Time Period 1

```
1          PROMPT
1 VICTORIA Ozone   - 2007 Emission estimate period 1 (7:00 AM - 8:00 AM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                 11-20
 .005 .004 .004 .003 .017                           Registrations            21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061            .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                           11-20
 .009 .007 .008 .005 .028                                                    21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078            .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                           11-20
 .006 .004 .003 .003 .004                                                    21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059            .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                           11-20
 .013 .022 .009 .009 .050                                                    21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069            .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                           11-20
 .005 .004 .004 .003 .017                                                    21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061            .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                           11-20
 .009 .007 .008 .005 .028                                                    21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050            .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                           11-20
 .011 .028 .020 .006 .022                                                    21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103            .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                           11-20
 .000 .000 .000 .000 .000                                                    21-25
VICTORIA 07      B 73.5 73.5  8.1  8.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 07 XXXX 73.5 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-17
Summer 2007 Victoria County MOBILE5a Set-Up Time Period 2

```
1          PROMPT
1 VICTORIA         - 2007 Emission estimate period 2 (8:00 AM - 5:00 PM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 07      B 93.4 93.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 07 XXXX 93.4 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-18
Summer 2007 Victoria County MOBILE5a Set-Up Time Period 3

```
1           PROMPT
1 VICTORIA          - 2007 Emission estimate period 3 (5:00 PM - 6:00 PM)
1           TAMFLG  - Default: Tampering Rates
1           SPDFLG  - User input: one speed for all vehicle types
1           VMFLAG  - User input: default Vmt mix for all scenario
3           MYMRFG  - Default: AMAR, User input: Reg. Distributions
1           NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1           IMFLAG  - No I/M programs
1           ALHFLG  - No additional correction factors
1           ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5           RLFLAG  - Zero-out refueling emissions
2           LOCFLG  - User input: one LAP record for all scenarios
1           TEMFLG  - MOBILE5A calculates exhaust temperatures
4           OUTFMT  - 112-column descriptive format
4           PRTFLG  - Print HC, CO and NOX emission factors
1           IDLFLG  - No idle emissions calculated or printed
3           NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1           HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 07      B 91.4 91.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 07 XXXX 91.4 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-19
Summer 2007 Victoria County MOBILE5a Set-Up Time Period 4

```
1          PROMPT
1 VICTORIA         - 2007 Emission estimate period 4 (6:00 PM - 7:00 AM)
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations          21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 07      B 84.1 84.1 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 07 XXXX 84.1 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
```

Table A-20
Summer 2007 Victoria County MOBILE5a Set-Up Diurnals

```
1          PROMPT
1 VICTORIA         - 2007 Emission estimate 24 hr. analysis.
1          TAMFLG  - Default: Tampering Rates
1          SPDFLG  - User input: one speed for all vehicle types
1          VMFLAG  - User input: default Vmt mix for all scenario
3          MYMRFG  - Default: AMAR, User input: Reg. Distributions
1          NEWFLG  - Default Basic ehaust rates,new fmvcp, new evap. tst
1          IMFLAG  - No I/M programs
1          ALHFLG  - No additional correction factors
1          ATPFLG  - No ATP, PRESSURE AND PURGE TEST
5          RLFLAG  - Zero-out refueling emissions
2          LOCFLG  - User input: one LAP record for all scenarios
1          TEMFLG  - MOBILE5A calculates exhaust temperatures
4          OUTFMT  - 112-column descriptive format
4          PRTFLG  - Print HC, CO and NOX emission factors
1          IDLFLG  - No idle emissions calculated or printed
3          NMHFLG  - Print  HC = Volatile organic compounds (VOC)
1          HCFLAG  - Print Total HC (overridden by prtflg)
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069  Feb 16, 94.LDGV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005  Vehicle                  11-20
 .005 .004 .004 .003 .017                           Registrations             21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDGT1.MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .032 .120 .081 .079 .067 .070 .061 .032 .046 .078           .LDGT2.MY AGES 1-10
 .072 .040 .047 .030 .025 .031 .025 .019 .013 .011                          11-20
 .006 .004 .003 .003 .004                                                   21-25
 .016 .061 .064 .060 .056 .047 .044 .048 .052 .059           .HDGV..MY AGES 1-10
 .048 .019 .061 .063 .044 .048 .038 .037 .019 .015                          11-20
 .013 .022 .009 .009 .050                                                   21-25
 .014 .074 .076 .081 .080 .077 .074 .060 .064 .069           .LDDV..MY AGES 1-10
 .064 .041 .041 .038 .029 .029 .025 .017 .009 .005                          11-20
 .005 .004 .004 .003 .017                                                   21-25
 .022 .090 .072 .079 .073 .073 .063 .049 .060 .061           .LDDT..MY AGES 1-10
 .058 .034 .046 .040 .023 .031 .028 .022 .014 .008                          11-20
 .009 .007 .008 .005 .028                                                   21-25
 .022 .006 .017 .045 .045 .022 .047 .064 .042 .050           .HDDV..MY AGES 1-10
 .078 .020 .073 .140 .042 .087 .050 .014 .011 .039                          11-20
 .011 .028 .020 .006 .022                                                   21-25
 .018 .056 .050 .030 .032 .032 .036 .042 .089 .103           .MC....MY AGES 1-10
 .042 .469 .000 .000 .000 .000 .000 .000 .000 .000                          11-20
 .000 .000 .000 .000 .000                                                   21-25
VICTORIA 07      B 74.2 99.4 08.1 08.1 92                  LAP rec:SCNME,MNTMP,MXTMP,RVP1,RVP2,RVP2SY
1 07 30.0 91.0 20.6 27.3 20.6  7                          RGN,CY,SPD,AMBTMP,PCCN,PCHC,PCCC
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APPENDIX B

VICTORIA EMISSION RATES FOR FY93, FY96, FY97, AND FY07, COAST PROJECT

Table B-1
Victoria 1993 VOC Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	13.26250	15.55843	18.44027	23.03547	1.627791	2.348772	6.893975	16.21815
4	9.676870	11.51724	13.56484	18.65960	1.545433	2.229936	6.545174	13.57510
5	7.655971	9.187426	10.75044	16.04669	1.468533	2.118976	6.219490	11.61754
6	6.362750	7.673518	8.920919	14.20012	1.396688	2.015310	5.915215	10.13999
7	5.466319	6.614109	7.641275	12.76784	1.329528	1.918403	5.630780	9.005440
8	4.877823	5.906509	6.784117	11.72961	1.266711	1.827763	5.364740	8.120579
9	4.423185	5.357141	6.120563	10.82849	1.207925	1.742939	5.115770	7.420518
10	4.055935	4.912528	5.585808	10.02587	1.152881	1.663515	4.882649	6.859299
11	3.752453	4.544603	5.145397	9.307252	1.101314	1.589108	4.664254	6.403777
12	3.496854	4.234272	4.775857	8.661231	1.052979	1.519365	4.459550	6.029660
13	3.278065	3.968100	4.460676	8.078541	1.007653	1.453963	4.267584	5.718864
14	3.088138	3.736378	4.187928	7.551489	.9651264	1.392601	4.087477	5.457741
15	2.921218	3.531927	3.948805	7.073583	.9252084	1.335002	3.918418	5.235853
16	2.772908	3.349338	3.736681	6.639275	.8877224	1.280913	3.759658	5.045133
17	2.639841	3.184473	3.546484	6.243785	.8525049	1.230097	3.610506	4.879286
18	2.519399	3.034124	3.374288	5.882957	.8194054	1.182337	3.470324	4.733358
19	2.409523	2.895783	3.217014	5.553167	.7882844	1.137432	3.338521	4.603437
20	2.309030	2.789222	3.096232	5.255427	.7590132	1.095196	3.214551	4.486420
21	2.221316	2.691169	2.982783	4.989031	.7314721	1.055456	3.097911	4.379847
22	2.141055	2.600968	2.878899	4.745214	.7055510	1.018054	2.988131	4.281777
23	2.067251	2.517541	2.783253	4.521784	.6811476	.9828417	2.884778	4.190686
24	1.999086	2.440024	2.694770	4.316793	.6581671	.9496828	2.787452	4.105391
25	1.935881	2.367723	2.612576	4.128510	.6365221	.9184507	2.695781	4.024984
26	1.877070	2.300080	2.535958	3.955388	.6161306	.8890275	2.609420	3.948794
27	1.822179	2.236646	2.464332	3.796048	.5969176	.8613045	2.528049	3.876332
28	1.770807	2.177053	2.397220	3.649254	.5788128	.8351807	2.451372	3.807259
29	1.722614	2.121002	2.334222	3.513902	.5617511	.8105621	2.379114	3.741358
30	1.677310	2.068244	2.275007	3.388998	.5456725	.7873621	2.311018	3.678503
31	1.634643	2.018570	2.219296	3.273652	.5305208	.7654992	2.246847	3.618650
32	1.594398	1.971800	2.166845	3.167061	.5162437	.7448987	2.186382	3.561792
33	1.556382	1.927777	2.117451	3.068507	.5027932	.7254906	2.129416	3.507968
34	1.520430	1.886360	2.070928	2.977338	.4901243	.7072103	2.075761	3.457238
35	1.486392	1.847421	2.027113	2.892969	.4781953	.6899976	2.025239	3.409663
36	1.454134	1.810837	1.985855	2.814871	.4669672	.6737964	1.977687	3.365314
37	1.423537	1.776496	1.947016	2.742568	.4564043	.6585552	1.932951	3.324243
38	1.394490	1.744285	1.910464	2.675629	.4464731	.6442250	1.890891	3.286497
39	1.366891	1.714094	1.876073	2.613665	.4371424	.6307617	1.851374	3.252090
40	1.340646	1.685816	1.843720	2.556324	.4283837	.6181234	1.814279	3.221012
41	1.315668	1.659339	1.813285	2.503289	.4201699	.6062716	1.779492	3.193218
42	1.291872	1.634548	1.784645	2.454272	.4124765	.5951706	1.746909	3.168622
43	1.269177	1.611323	1.757679	2.409016	.4052804	.5847873	1.716432	3.147101
44	1.247505	1.589538	1.732260	2.367286	.3985604	.5750909	1.687972	3.128464
45	1.226778	1.569053	1.708254	2.328872	.3922970	.5660533	1.661445	3.112478
46	1.206917	1.549720	1.685523	2.293586	.3864719	.5576481	1.636775	3.098831
47	1.187842	1.531367	1.663914	2.261257	.3810684	.5498514	1.613891	3.087136
48	1.169634	1.513826	1.643234	2.231571	.3760715	.5426412	1.592727	3.076930
49	1.166598	1.510622	1.639276	2.203256	.3714666	.5359968	1.573225	3.076930
50	1.163737	1.507602	1.635547	2.177779	.3672413	.5298999	1.555330	3.076930
51	1.161037	1.504753	1.632030	2.155010	.3633836	.5243337	1.538992	3.076930
52	1.158486	1.502062	1.628710	2.134836	.3598830	.5192825	1.524167	3.076930
53	1.156074	1.499517	1.625572	2.117156	.3567300	.5147328	1.510813	3.076930
54	1.153790	1.497108	1.622603	2.101886	.3539158	.5106723	1.498895	3.076930
55	1.151626	1.494825	1.619790	2.088953	.3514330	.5070897	1.488379	3.076930
56	1.204442	1.573862	1.709687	2.078297	.3492748	.5039757	1.479239	3.207190
57	1.257362	1.653009	1.799720	2.069872	.3474355	.5013218	1.471449	3.337451
58	1.310378	1.732257	1.889879	2.063641	.3459101	.4991208	1.464989	3.467710
59	1.363484	1.811601	1.980156	2.059578	.3446947	.4973670	1.459842	3.597970
60	1.416675	1.891034	2.070543	2.057672	.3437859	.4960556	1.455993	3.728231
61	1.469944	1.970550	2.161034	2.057917	.3431814	.4951833	1.453432	3.858491
62	1.523287	2.050144	2.251622	2.060323	.3428795	.4947478	1.452154	3.988751
63	1.576700	2.129812	2.342300	2.064907	.3428795	.4947478	1.452154	4.119011
64	1.630177	2.209548	2.433064	2.071701	.3431814	.4951833	1.453432	4.249271
65	1.683717	2.289350	2.523908	2.080745	.3437859	.4960556	1.455993	4.379531

Table B-2
Victoria 1993 CO Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	128.3730	155.8274	187.2046	254.8751	5.336277	6.218547	44.07346	150.0722
4	98.02412	119.3121	143.0789	232.8684	4.917981	5.731092	40.61868	119.6857
5	79.48914	96.61959	115.3752	213.2305	4.540731	5.291471	37.50288	97.75404
6	67.00461	81.20323	96.43440	195.6786	4.200057	4.894471	34.68919	81.57027
7	58.04238	70.10484	82.74677	179.9671	3.892019	4.535504	32.14503	69.38428
8	51.31135	61.77594	72.45271	165.8815	3.613143	4.210521	29.84173	60.03710
9	46.08116	55.32368	64.46936	153.2351	3.360360	3.915943	27.75394	52.74399
10	41.90715	50.19639	58.12286	141.8647	3.130955	3.648610	25.85924	46.96251
11	38.50305	46.03505	52.97250	131.6272	2.922525	3.405720	24.13777	42.31050
12	35.67635	42.59619	48.71857	122.3975	2.732940	3.184790	22.57195	38.51385
13	33.29287	39.70913	45.15076	114.0656	2.560309	2.983617	21.14615	35.37278
14	31.25636	37.25088	42.11752	106.5350	2.402952	2.800243	19.84651	32.73946
15	29.49600	35.13070	39.50719	99.72076	2.259375	2.632927	18.66067	30.50306
16	27.95861	33.28038	37.23597	93.54791	2.128246	2.480118	17.57765	28.57951
17	26.60355	31.64783	35.23990	87.95047	2.008379	2.340434	16.58764	26.90442
18	25.39925	30.19280	33.46953	82.87006	1.898717	2.212640	15.68191	25.42802
19	24.32091	28.88385	31.88616	78.25510	1.798311	2.095634	14.85264	24.11171
20	23.33119	27.92364	30.75037	74.05988	1.706318	1.988431	14.09286	22.92534
21	22.41475	26.93398	29.62577	70.24393	1.621981	1.890150	13.39629	21.84542
22	21.57907	26.02226	28.59833	66.77133	1.544620	1.799999	12.75735	20.85363
23	20.81332	25.17751	27.65435	63.61020	1.473629	1.717271	12.17102	19.93570
24	20.10862	24.39112	26.78283	60.73218	1.408462	1.641329	11.63279	19.08065
25	19.45761	23.65640	25.97488	58.11209	1.348628	1.571603	11.13862	18.28007
26	18.85424	22.96810	25.22330	55.72750	1.293689	1.507581	10.68486	17.52754
27	18.29340	22.32212	24.52222	53.55846	1.243249	1.448801	10.26826	16.81832
28	17.77083	21.71524	23.86687	51.58721	1.196952	1.394849	9.885884	16.14887
29	17.28291	21.14491	23.25329	49.79795	1.154478	1.345353	9.535084	15.51663
30	16.82654	20.60906	22.67823	48.17662	1.115539	1.299977	9.213482	14.91974
31	16.39907	20.10596	22.13893	46.71073	1.079878	1.258419	8.918949	14.35687
32	15.99816	19.63412	21.63306	45.38918	1.047261	1.220409	8.649555	13.82706
33	15.62180	19.19223	21.15859	44.20217	1.017479	1.185704	8.403582	13.32955
34	15.26819	18.77907	20.71374	43.14100	.9903449	1.154083	8.179476	12.86377
35	14.93573	18.39349	20.29691	42.19804	.9656905	1.125352	7.975848	12.42910
36	14.62296	18.03439	19.90660	41.36660	.9433651	1.099336	7.791458	12.02497
37	14.32857	17.70066	19.54147	40.64085	.9232345	1.075877	7.625196	11.65075
38	14.05136	17.39119	19.20020	40.01578	.9051796	1.054837	7.476076	11.30564
39	13.79022	17.10488	18.88154	39.48709	.8890944	1.036092	7.343225	10.98878
40	13.54412	16.84058	18.58424	39.05121	.8748858	1.019535	7.225873	10.69909
41	13.31207	16.59708	18.30708	38.70520	.8624725	1.005069	7.123349	10.43533
42	13.09315	16.37313	18.04879	38.44674	.8517843	.9926136	7.035072	10.19608
43	12.88644	16.16732	17.80812	38.27411	.8427610	.9820984	6.960546	9.979636
44	12.69108	15.97815	17.58368	38.18618	.8353521	.9734647	6.899355	9.784068
45	12.50614	15.80386	17.37408	38.18237	.8295168	.9666644	6.851160	9.607126
46	12.33073	15.64246	17.17772	38.26263	.8252227	.9616606	6.815695	9.446256
47	12.16388	15.49163	16.99298	38.42752	.8224465	.9584252	6.792765	9.298480
48	12.00458	15.34868	16.81795	38.67811	.8211726	.9569407	6.782245	9.160467
49	12.00458	15.34868	16.81795	39.01608	.8213943	.9571992	6.784075	9.160467
50	12.00458	15.34868	16.81795	39.44368	.8231128	.9592018	6.798268	9.160467
51	12.00458	15.34868	16.81795	39.96379	.8263376	.9629596	6.824902	9.160467
52	12.00458	15.34868	16.81795	40.57993	.8310860	.9684933	6.864121	9.160467
53	12.00458	15.34868	16.81795	41.29633	.8373845	.9758331	6.916142	9.160467
54	12.00458	15.34868	16.81795	42.11794	.8452677	.9850197	6.981250	9.160467
55	12.00458	15.34868	16.81795	43.05050	.8547794	.9961038	7.059809	9.160467
56	13.99700	18.34901	20.21887	44.10062	.8659726	1.009148	7.152257	11.36657
57	15.98942	21.34933	23.61979	45.27585	.8789108	1.024225	7.259115	13.57268
58	17.98184	24.34965	27.02071	46.58479	.8936672	1.041421	7.380991	15.77879
59	19.97426	27.34997	30.42163	48.03711	.9103265	1.060835	7.518586	17.98490
60	21.96668	30.35029	33.82254	49.64382	.9289857	1.082579	7.672696	20.19101
61	23.95910	33.35061	37.22346	51.41725	.9497542	1.106781	7.844228	22.39711
62	25.95152	36.35094	40.62439	53.37134	.9727561	1.133586	8.034204	24.60322
63	27.94394	39.35126	44.02531	55.52170	.9981297	1.163155	8.243773	26.80933
64	29.93636	42.35158	47.42622	57.88590	1.026031	1.195670	8.474215	29.01543
65	31.92877	45.35190	50.82714	60.48369	1.056634	1.231332	8.726967	31.22154

Table B-3
Victoria 1993 NOX Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.467877	2.716066	2.815576	4.705797	2.854864	3.305471	34.20677	.9264835
4	2.280868	2.506618	2.611682	4.754493	2.734625	3.166253	32.76608	.8861674
5	2.166270	2.379726	2.489651	4.803190	2.623172	3.037209	31.43066	.8527116
6	2.088231	2.294766	2.408868	4.851885	2.519837	2.917564	30.19251	.8255899
7	2.031358	2.234260	2.351892	4.900581	2.424013	2.806614	29.04434	.8042951
8	1.987930	2.189412	2.309966	4.949277	2.335145	2.703721	27.97955	.7883381
9	1.953637	2.155286	2.278201	4.997973	2.252733	2.608301	26.99209	.7772484
10	1.925876	2.128880	2.253641	5.046669	2.176317	2.519824	26.07648	.7705742
11	1.902978	2.108249	2.234385	5.095365	2.105482	2.437807	25.22773	.7678816
12	1.883816	2.092066	2.219151	5.144061	2.039846	2.361812	24.44129	.7687557
13	1.867601	2.079386	2.207037	5.192757	1.979064	2.291437	23.71301	.7727997
14	1.853760	2.069513	2.197388	5.241453	1.922822	2.226318	23.03912	.7796354
15	1.841866	2.061916	2.189713	5.290149	1.870834	2.166123	22.41619	.7889032
16	1.831592	2.056182	2.183637	5.338845	1.822837	2.110551	21.84110	.8002619
17	1.822682	2.051980	2.178865	5.387541	1.778596	2.059326	21.31101	.8133884
18	1.814933	2.049041	2.175163	5.436237	1.737894	2.012201	20.82333	.8279786
19	1.808181	2.047143	2.172342	5.484933	1.700537	1.968947	20.37572	.8437463
20	1.808229	2.051929	2.176715	5.533629	1.666348	1.929361	19.96606	.8604246
21	1.817591	2.071887	2.196927	5.582325	1.635166	1.893257	19.59244	.8777639
22	1.826293	2.090561	2.215656	5.631021	1.606848	1.860470	19.25313	.8955341
23	1.834428	2.108080	2.233073	5.679716	1.581264	1.830848	18.94659	.9135231
24	1.842072	2.124545	2.249317	5.728412	1.558298	1.804257	18.67142	.9315372
25	1.849291	2.140040	2.264506	5.777108	1.537848	1.780580	18.42639	.9494014
26	1.856139	2.154636	2.278740	5.825804	1.519824	1.759710	18.21042	.9669590
27	1.862660	2.168392	2.292108	5.874500	1.504144	1.741556	18.02255	.9840716
28	1.868896	2.181361	2.304685	5.923196	1.490742	1.726039	17.86197	1.000620
29	1.874882	2.193590	2.316540	5.971892	1.479559	1.713090	17.72797	1.016502
30	1.880648	2.205122	2.327734	6.020588	1.470547	1.702655	17.61998	1.031636
31	1.886225	2.215999	2.338326	6.069283	1.463666	1.694689	17.53754	1.045956
32	1.891637	2.226258	2.348368	6.117980	1.458887	1.689156	17.48028	1.059417
33	1.896912	2.235941	2.357911	6.166676	1.456191	1.686034	17.44798	1.071993
34	1.902074	2.245086	2.367004	6.215372	1.455565	1.685309	17.44048	1.083672
35	1.907145	2.253735	2.375695	6.264068	1.457007	1.686978	17.45775	1.094467
36	1.912150	2.261930	2.384032	6.312763	1.460523	1.691049	17.49987	1.104402
37	1.917112	2.269715	2.392061	6.361460	1.466127	1.697538	17.56703	1.113526
38	1.922056	2.277137	2.399830	6.410156	1.473844	1.706474	17.65950	1.121904
39	1.927005	2.284245	2.407389	6.458851	1.483708	1.717894	17.77768	1.129619
40	1.931986	2.291093	2.414786	6.507548	1.495759	1.731848	17.92208	1.136772
41	1.937023	2.297735	2.422072	6.556244	1.510052	1.748396	18.09334	1.143483
42	1.942145	2.304231	2.429298	6.604939	1.526648	1.767611	18.29218	1.149892
43	1.947380	2.310644	2.436520	6.653635	1.545619	1.789576	18.51949	1.156155
44	1.952757	2.317039	2.443791	6.702331	1.567049	1.814389	18.77627	1.162449
45	1.958308	2.323487	2.451171	6.751028	1.591034	1.842160	19.06366	1.168966
46	1.964065	2.330062	2.458718	6.799724	1.617682	1.873014	19.38295	1.175921
47	1.970062	2.336843	2.466495	6.848419	1.647113	1.907091	19.73559	1.183543
48	1.976335	2.343912	2.474566	6.897115	1.679463	1.944547	20.12321	1.192083
49	2.057812	2.439783	2.580041	6.945811	1.714882	1.985556	20.54759	1.230901
50	2.139291	2.535653	2.685516	6.994507	1.753536	2.030311	21.01074	1.269718
51	2.220769	2.631524	2.790992	7.043203	1.795609	2.079025	21.51486	1.308535
52	2.302247	2.727395	2.896468	7.091898	1.841304	2.131933	22.06237	1.347352
53	2.383724	2.823265	3.001943	7.140594	1.890846	2.189293	22.65598	1.386169
54	2.465203	2.919136	3.107419	7.189291	1.944479	2.251393	23.29861	1.424986
55	2.546681	3.015007	3.212894	7.237987	2.002476	2.318543	23.99352	1.463804
56	2.628159	3.110877	3.318369	7.286682	2.065132	2.391089	24.74427	1.502621
57	2.709637	3.206748	3.423844	7.335379	2.132776	2.469409	25.55476	1.541438
58	2.791115	3.302619	3.529320	7.384074	2.205764	2.553919	26.42931	1.580256
59	2.872592	3.398489	3.634795	7.432770	2.284493	2.645073	27.37263	1.619073
60	2.954071	3.494360	3.740271	7.481466	2.369394	2.743375	28.38991	1.657890
61	3.035549	3.590230	3.845746	7.530162	2.460942	2.849373	29.48683	1.696707
62	3.117027	3.686101	3.951221	7.578858	2.559659	2.963672	30.66965	1.735524
63	3.198505	3.781972	4.056696	7.627554	2.666120	3.086936	31.94526	1.774342
64	3.279983	3.877842	4.162172	7.676250	2.780955	3.219896	33.32120	1.813159
65	3.361461	3.973713	4.267648	7.724946	2.904857	3.363355	34.80579	1.851976

Table B-4
Victoria 1993 EXHS Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	9.687223	11.56361	13.79210	15.03057	1.627791	2.348772	6.893975	14.96689
4	7.438317	8.992786	10.68776	13.72057	1.545433	2.229936	6.545174	12.32384
5	6.064394	7.380438	8.727802	12.54555	1.468533	2.118976	6.219490	10.36628
6	5.137884	6.276185	7.381159	11.49022	1.396688	2.015310	5.915215	8.888722
7	4.471742	5.475761	6.403939	10.54114	1.329528	1.918403	5.630780	7.754178
8	3.970608	4.871647	5.666487	9.686529	1.266711	1.827763	5.364740	6.869314
9	3.580581	4.401432	5.092997	8.915989	1.207925	1.742939	5.115770	6.169255
10	3.268843	4.026300	4.636086	8.220377	1.152881	1.663515	4.882649	5.608036
11	3.014253	3.720827	4.264634	7.591628	1.101314	1.589108	4.664254	5.152514
12	2.802584	3.467672	3.957387	7.022618	1.052979	1.519365	4.459550	4.778397
13	2.623906	3.254619	3.699372	6.507050	1.007653	1.453963	4.267584	4.467600
14	2.471088	3.072827	3.479763	6.039349	.9651264	1.392601	4.087477	4.206477
15	2.338879	2.915756	3.290556	5.614576	.9252084	1.335002	3.918418	3.984589
16	2.223329	2.778475	3.125728	5.228352	.8877224	1.280913	3.759658	3.793870
17	2.121416	2.657212	2.980672	4.876784	.8525049	1.230097	3.610506	3.628023
18	2.030790	2.549043	2.851820	4.556416	.8194054	1.182337	3.470324	3.482095
19	1.949602	2.451684	2.736376	4.264163	.7882844	1.137432	3.338521	3.352173
20	1.870544	2.373552	2.645291	3.997288	.7590132	1.095196	3.214551	3.235156
21	1.794002	2.285756	2.544167	3.753340	.7314721	1.055456	3.097911	3.128584
22	1.724202	2.205058	2.451656	3.530135	.7055510	1.018054	2.988131	3.030514
23	1.660244	2.130479	2.366554	3.325720	.6811476	.9828417	2.884778	2.939423
24	1.601384	2.061236	2.287890	3.138346	.6581671	.9496828	2.787452	2.854127
25	1.547010	1.996706	2.214878	2.966450	.6365221	.9184507	2.695781	2.773720
26	1.496610	1.936387	2.146878	2.808628	.6161306	.8890275	2.609420	2.697531
27	1.449757	1.879879	2.083370	2.663620	.5969176	.8613045	2.528049	2.625068
28	1.406089	1.826859	2.023926	2.530295	.5788128	.8351807	2.451372	2.555995
29	1.365302	1.777062	1.968197	2.407638	.5617511	.8105621	2.379114	2.490095
30	1.327133	1.730274	1.915889	2.294732	.5456725	.7873621	2.311018	2.427240
31	1.291360	1.686311	1.866757	2.190754	.5305208	.7654992	2.246847	2.367387
32	1.257787	1.645018	1.820592	2.094963	.5162437	.7448987	2.186382	2.310530
33	1.226245	1.606260	1.777214	2.006689	.5027932	.7254906	2.129416	2.256705
34	1.196583	1.569913	1.736462	1.925327	.4901243	.7072103	2.075761	2.205974
35	1.168669	1.535867	1.698194	1.850334	.4781953	.6899976	2.025239	2.158400
36	1.142382	1.504014	1.662278	1.781216	.4669672	.6737964	1.977687	2.114051
37	1.117615	1.474254	1.628592	1.717528	.4564043	.6585552	1.932951	2.072979
38	1.094268	1.446486	1.597019	1.658869	.4464731	.6442250	1.890891	2.035234
39	1.072250	1.420613	1.567446	1.604875	.4371424	.6307617	1.851374	2.000827
40	1.051476	1.396534	1.539764	1.555218	.4283837	.6181234	1.814279	1.969749
41	1.031866	1.374148	1.513862	1.509602	.4201699	.6062716	1.779492	1.941955
42	1.013343	1.353346	1.489627	1.467758	.4124765	.5951706	1.746909	1.917359
43	.9958325	1.334017	1.466947	1.429445	.4052804	.5847873	1.716432	1.895838
44	.9792625	1.316038	1.445703	1.394444	.3985604	.5750909	1.687972	1.877201
45	.9635603	1.299280	1.425770	1.362561	.3922970	.5660533	1.661445	1.861215
46	.9486525	1.283596	1.407015	1.333619	.3864719	.5576481	1.636775	1.847568
47	.9344628	1.268821	1.389291	1.307460	.3810684	.5498514	1.613891	1.835872
48	.9209125	1.254775	1.372444	1.283943	.3760715	.5426412	1.592727	1.825667
49	.9209125	1.254775	1.372444	1.262944	.3714666	.5359968	1.573225	1.825667
50	.9209125	1.254775	1.372444	1.244353	.3672413	.5298999	1.555330	1.825667
51	.9209125	1.254775	1.372444	1.228072	.3633836	.5243337	1.538992	1.825667
52	.9209125	1.254775	1.372444	1.214019	.3598830	.5192825	1.524167	1.825667
53	.9209125	1.254775	1.372444	1.202119	.3567300	.5147328	1.510813	1.825667
54	.9209125	1.254775	1.372444	1.192314	.3539158	.5106723	1.498895	1.825667
55	.9209125	1.254775	1.372444	1.184553	.3514330	.5070897	1.488379	1.825667
56	.9757822	1.335977	1.465008	1.178799	.3492748	.5039757	1.479239	1.955927
57	1.030652	1.417180	1.557572	1.175021	.3474355	.5013218	1.471449	2.086187
58	1.085522	1.498383	1.650136	1.173201	.3459101	.4991208	1.464989	2.216447
59	1.140391	1.579586	1.742700	1.173330	.3446947	.4973670	1.459842	2.346707
60	1.195261	1.660789	1.835264	1.175409	.3437859	.4960556	1.455993	2.476967
61	1.250131	1.741991	1.927828	1.179447	.3431814	.4951833	1.453432	2.607228
62	1.305000	1.823194	2.020391	1.185466	.3428795	.4947478	1.452154	2.737488
63	1.359870	1.904397	2.112956	1.193495	.3428795	.4947478	1.452154	2.867748
64	1.414740	1.985600	2.205519	1.203574	.3431814	.4951833	1.453432	2.998008
65	1.469610	2.066803	2.298083	1.215756	.3437859	.4960556	1.455993	3.128268

Table B-5
Victoria 1993 RNLS Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	3.408608	3.821905	4.481763	7.242970	.0000000	.0000000	.0000000	.0000000
4	2.071882	2.351530	2.710688	4.177092	.0000000	.0000000	.0000000	.0000000
5	1.424904	1.634067	1.856239	2.739205	.0000000	.0000000	.0000000	.0000000
6	1.058195	1.224411	1.373358	1.947966	.0000000	.0000000	.0000000	.0000000
7	.8279060	.9654258	1.070935	1.464763	.0000000	.0000000	.0000000	.0000000
8	.7405438	.8619413	.9512286	1.281152	.0000000	.0000000	.0000000	.0000000
9	.6759320	.7827883	.8611649	1.150570	.0000000	.0000000	.0000000	.0000000
10	.6204206	.7133050	.7833202	1.043560	.0000000	.0000000	.0000000	.0000000
11	.5715276	.6508545	.7143619	.9536916	.0000000	.0000000	.0000000	.0000000
12	.5275986	.5936785	.6520686	.8766804	.0000000	.0000000	.0000000	.0000000
13	.4874881	.5405598	.5949022	.8095590	.0000000	.0000000	.0000000	.0000000
14	.4503777	.4906291	.5417640	.7502082	.0000000	.0000000	.0000000	.0000000
15	.4156675	.4432487	.4918484	.6970739	.0000000	.0000000	.0000000	.0000000
16	.3829075	.3979406	.4445513	.6489906	.0000000	.0000000	.0000000	.0000000
17	.3517534	.3543388	.3994104	.6050667	.0000000	.0000000	.0000000	.0000000
18	.3219377	.3121592	.3560665	.5646093	.0000000	.0000000	.0000000	.0000000
19	.2932490	.2711771	.3142358	.5270706	.0000000	.0000000	.0000000	.0000000
20	.2718137	.2427470	.2845384	.4962063	.0000000	.0000000	.0000000	.0000000
21	.2606426	.2324905	.2722142	.4737579	.0000000	.0000000	.0000000	.0000000
22	.2501807	.2229875	.2608422	.4531462	.0000000	.0000000	.0000000	.0000000
23	.2403354	.2141397	.2502981	.4341316	.0000000	.0000000	.0000000	.0000000
24	.2310297	.2058653	.2404785	.4165145	.0000000	.0000000	.0000000	.0000000
25	.2221988	.1980954	.2312964	.4001272	.0000000	.0000000	.0000000	.0000000
26	.2137880	.1907718	.2226782	.3848277	.0000000	.0000000	.0000000	.0000000
27	.2057505	.1838450	.2145614	.3704953	.0000000	.0000000	.0000000	.0000000
28	.1980464	.1772723	.2068922	.3570263	.0000000	.0000000	.0000000	.0000000
29	.1906412	.1710173	.1996242	.3443314	.0000000	.0000000	.0000000	.0000000
30	.1835049	.1650481	.1927174	.3323331	.0000000	.0000000	.0000000	.0000000
31	.1766117	.1593370	.1861368	.3209642	.0000000	.0000000	.0000000	.0000000
32	.1699386	.1538599	.1798519	.3101655	.0000000	.0000000	.0000000	.0000000
33	.1634656	.1485955	.1738357	.2998852	.0000000	.0000000	.0000000	.0000000
34	.1571752	.1435250	.1680645	.2900775	.0000000	.0000000	.0000000	.0000000
35	.1510516	.1386319	.1625174	.2807021	.0000000	.0000000	.0000000	.0000000
36	.1450810	.1339012	.1571757	.2717228	.0000000	.0000000	.0000000	.0000000
37	.1392510	.1293199	.1520227	.2631075	.0000000	.0000000	.0000000	.0000000
38	.1335504	.1248761	.1470434	.2548275	.0000000	.0000000	.0000000	.0000000
39	.1279693	.1205593	.1422247	.2468570	.0000000	.0000000	.0000000	.0000000
40	.1224987	.1163600	.1375543	.2391729	.0000000	.0000000	.0000000	.0000000
41	.1171306	.1122696	.1330215	.2317540	.0000000	.0000000	.0000000	.0000000
42	.1118576	.1082802	.1286164	.2245815	.0000000	.0000000	.0000000	.0000000
43	.1066731	.1043848	.1243301	.2176383	.0000000	.0000000	.0000000	.0000000
44	.1015711	.1005771	.1201546	.2109086	.0000000	.0000000	.0000000	.0000000
45	.0965460	.0968511	.1160824	.2043782	.0000000	.0000000	.0000000	.0000000
46	.0915929	.0932016	.1121068	.1980341	.0000000	.0000000	.0000000	.0000000
47	.0867071	.0896237	.1082216	.1918646	.0000000	.0000000	.0000000	.0000000
48	.0820502	.0861298	.1043883	.1856953	.0000000	.0000000	.0000000	.0000000
49	.0790140	.0829251	.1004296	.1783788	.0000000	.0000000	.0000000	.0000000
50	.0761526	.0799053	.0967009	.1714932	.0000000	.0000000	.0000000	.0000000
51	.0734527	.0770563	.0931846	.1650052	.0000000	.0000000	.0000000	.0000000
52	.0709021	.0743653	.0898646	.1588846	.0000000	.0000000	.0000000	.0000000
53	.0684899	.0718205	.0867265	.1531041	.0000000	.0000000	.0000000	.0000000
54	.0662061	.0694115	.0837571	.1476389	.0000000	.0000000	.0000000	.0000000
55	.0640416	.0671286	.0809443	.1424663	.0000000	.0000000	.0000000	.0000000
56	.0619882	.0649631	.0782772	.1375656	.0000000	.0000000	.0000000	.0000000
57	.0600381	.0629068	.0757458	.1329183	.0000000	.0000000	.0000000	.0000000
58	.0581845	.0609526	.0733409	.1285068	.0000000	.0000000	.0000000	.0000000
59	.0564210	.0590935	.0710542	.1243155	.0000000	.0000000	.0000000	.0000000
60	.0547418	.0573235	.0688779	.1203300	.0000000	.0000000	.0000000	.0000000
61	.0531414	.0556369	.0668050	.1165368	.0000000	.0000000	.0000000	.0000000
62	.0516150	.0540284	.0648289	.1129238	.0000000	.0000000	.0000000	.0000000
63	.0501580	.0524931	.0629435	.1094796	.0000000	.0000000	.0000000	.0000000
64	.0487661	.0510267	.0611435	.1061938	.0000000	.0000000	.0000000	.0000000
65	.0474355	.0496249	.0594236	.1030569	.0000000	.0000000	.0000000	.0000000

Table B-6
Victoria 1993 RSTL, CC, and HTSK Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0645296	.0600475	.0516341	.0797646	.0000000	.0000000	.0000000	.4460661
--	.0115322	.0203062	.0222594	.0317492	.0000000	.0000000	.0000000	.0000000
--	.0906098	.0925682	.0925081	.6504189	.0000000	.0000000	.0000000	.8051972

Table B-7
Victoria 1993 VOC Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	20.13104	21.47612	24.92302	38.43442	1.627791	2.348772	6.893975	18.72089
4	14.11039	15.22924	17.43291	28.91068	1.545433	2.229936	6.545174	16.12832
5	10.87445	11.82452	13.38645	23.80175	1.468533	2.118976	6.219490	14.20814
6	8.873739	9.697708	10.87583	20.52303	1.396688	2.015310	5.915215	12.75880
7	7.522335	8.252050	9.178321	18.17286	1.329528	1.918403	5.630780	11.64592
8	6.730074	7.363363	8.145650	16.71440	1.266711	1.827763	5.364740	10.77796
9	6.119970	6.683516	7.358162	15.49002	1.207925	1.742939	5.115770	10.09127
10	5.620006	6.136108	6.725414	14.41232	1.152881	1.663515	4.882649	9.540764
11	5.200374	5.685618	6.205867	13.45537	1.101314	1.589108	4.664254	9.093943
12	4.841047	5.307883	5.771330	12.59990	1.052979	1.519365	4.459550	8.726969
13	4.528073	4.985912	5.402034	11.83099	1.007653	1.453963	4.267584	8.422108
14	4.251441	4.707430	5.083728	11.13678	.9651264	1.392601	4.087477	8.165970
15	4.003785	4.463360	4.805898	10.50761	.9252084	1.335002	3.918418	7.948319
16	3.779567	4.246872	4.560639	9.935446	.8877224	1.280913	3.759658	7.761242
17	3.574552	4.052737	4.341906	9.413544	.8525049	1.230097	3.610506	7.598563
18	3.385449	3.876906	4.145006	8.936159	.8194054	1.182337	3.470324	7.455422
19	3.209665	3.716212	3.966264	8.498365	.7882844	1.137432	3.338521	7.327981
20	3.060713	3.588811	3.826235	8.110119	.7590132	1.095196	3.214551	7.213198
21	2.949158	3.465946	3.689641	7.774823	.7314721	1.055456	3.097911	7.108662
22	2.846760	3.352788	3.564623	7.467905	.7055510	1.018054	2.988131	7.012464
23	2.752300	3.248005	3.449594	7.186521	.6811476	.9828417	2.884778	6.923112
24	2.664776	3.150536	3.343258	6.928162	.6581671	.9496828	2.787452	6.839446
25	2.583354	3.059527	3.244559	6.690609	.6365221	.9184507	2.695781	6.760575
26	2.507341	2.974295	3.152629	6.471900	.6161306	.8890275	2.609420	6.685840
27	2.436155	2.894289	3.066751	6.270286	.5969176	.8613045	2.528049	6.614761
28	2.369304	2.819064	2.986329	6.084208	.5788128	.8351807	2.451372	6.547008
29	2.306369	2.748254	2.910867	5.912279	.5617511	.8105621	2.379114	6.482366
30	2.246994	2.681556	2.839946	5.753258	.5456725	.7873621	2.311018	6.420711
31	2.190870	2.618716	2.773211	5.606031	.5305208	.7654992	2.246847	6.362000
32	2.137729	2.559515	2.710357	5.469601	.5162437	.7448987	2.186382	6.306229
33	2.087336	2.503759	2.651118	5.343070	.5027932	.7254906	2.129416	6.253432
34	2.039485	2.451276	2.595259	5.225634	.4901243	.7072103	2.075761	6.203671
35	1.993991	2.401907	2.542572	5.116566	.4781953	.6899976	2.025239	6.157005
36	1.950689	2.355502	2.492865	5.015213	.4669672	.6737964	1.977687	6.113503
37	1.909428	2.311917	2.445965	4.920984	.4564043	.6585552	1.932951	6.073215
38	1.870073	2.271012	2.401708	4.833349	.4464731	.6442250	1.890891	6.036191
39	1.832498	2.232651	2.359940	4.751826	.4371424	.6307617	1.851374	6.002440
40	1.796585	2.196694	2.320513	4.675982	.4283837	.6181234	1.814279	5.971956
41	1.762225	2.163002	2.283284	4.605425	.4201699	.6062716	1.779492	5.944694
42	1.729314	2.131428	2.248110	4.539799	.4124765	.5951706	1.746909	5.920567
43	1.697753	2.101820	2.214851	4.478787	.4052804	.5847873	1.716432	5.899457
44	1.667443	2.074016	2.183365	4.422099	.3985604	.5750909	1.687972	5.881175
45	1.638288	2.047838	2.153504	4.369476	.3922970	.5660533	1.661445	5.865495
46	1.610193	2.023095	2.125115	4.320683	.3864719	.5576481	1.636775	5.852108
47	1.583058	1.999569	2.098037	4.275511	.3810684	.5498514	1.613891	5.840636
48	1.557155	1.976913	2.071869	4.233305	.3760715	.5426412	1.592727	5.830625
49	1.549639	1.968953	2.061919	4.190610	.3714666	.5359968	1.573225	5.830625
50	1.542564	1.961460	2.052554	4.151767	.3672413	.5298999	1.555330	5.830625
51	1.535894	1.954397	2.043728	4.116579	.3633836	.5243337	1.538992	5.830625
52	1.529600	1.947732	2.035402	4.084871	.3598830	.5192825	1.524167	5.830625
53	1.523653	1.941435	2.027537	4.056492	.3567300	.5147328	1.510813	5.830625
54	1.518028	1.935479	2.020101	4.031308	.3539158	.5106723	1.498895	5.830625
55	1.512703	1.929841	2.013062	4.009204	.3514330	.5070897	1.488379	5.830625
56	1.567975	2.016061	2.104452	3.990083	.3492748	.5039757	1.479239	5.958398
57	1.623506	2.102555	2.196187	3.973863	.3474355	.5013218	1.471449	6.086170
58	1.679279	2.189305	2.288241	3.960478	.3459101	.4991208	1.464989	6.213942
59	1.735277	2.276294	2.380595	3.949878	.3446947	.4973670	1.459842	6.341716
60	1.791485	2.363506	2.473229	3.942024	.3437859	.4960556	1.455993	6.469489
61	1.847890	2.450926	2.566123	3.936896	.3431814	.4951833	1.453432	6.597261
62	1.904480	2.538543	2.659263	3.934483	.3428795	.4947478	1.452154	6.725034
63	1.961243	2.626342	2.752632	3.934793	.3428795	.4947478	1.452154	6.852806
64	2.018168	2.714314	2.846216	3.937841	.3431814	.4951833	1.453432	6.980578
65	2.075245	2.802446	2.940003	3.943663	.3437859	.4960556	1.455993	7.108352

Table B-8
Victoria 1993 CO Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	154.4050	191.9039	222.8912	364.3337	5.336277	6.218547	44.07346	198.7290
4	117.7117	147.1104	170.2620	332.8760	4.917981	5.731092	40.61868	158.4905
5	95.24406	119.0465	137.1021	304.8044	4.540731	5.291471	37.50288	129.4481
6	80.09206	99.91113	114.3917	279.7147	4.200057	4.894471	34.68919	108.0172
7	69.21112	86.12263	97.96948	257.2556	3.892019	4.535504	32.14503	91.88026
8	61.04068	75.78293	85.61929	237.1209	3.613143	4.210521	29.84173	79.50249
9	54.69541	67.78725	76.04557	219.0435	3.360360	3.915943	27.75394	69.84480
10	49.63511	61.44846	68.43983	202.7898	3.130955	3.648610	25.85924	62.18884
11	45.51143	56.31710	62.27235	188.1558	2.922525	3.405720	24.13777	56.02852
12	42.08981	52.08736	57.18239	174.9623	2.732940	3.184790	22.57195	51.00092
13	39.20664	48.54425	52.91661	163.0522	2.560309	2.983617	21.14615	46.84144
14	36.74447	45.53254	49.29239	152.2875	2.402952	2.800243	19.84651	43.35434
15	34.61684	42.93761	46.17518	142.5468	2.259375	2.632927	18.66067	40.39285
16	32.75886	40.67322	43.46396	133.7230	2.128246	2.480118	17.57765	37.84565
17	31.12088	38.67360	41.08172	125.7216	2.008379	2.340434	16.58764	35.62745
18	29.66442	36.88801	38.96890	118.4594	1.898717	2.212640	15.68191	33.67236
19	28.35927	35.27698	37.07899	111.8625	1.798311	2.095634	14.85264	31.92927
20	27.17073	34.09893	35.73840	105.8656	1.706318	1.988431	14.09286	30.35826
21	26.08068	32.89569	34.41879	100.4108	1.621981	1.890150	13.39629	28.92820
22	25.08518	31.78052	33.21223	95.44691	1.544620	1.799999	12.75735	27.61485
23	24.17147	30.74070	32.10269	90.92819	1.473629	1.717271	12.17102	26.39931
24	23.32914	29.76653	31.07732	86.81419	1.408462	1.641329	11.63279	25.26703
25	22.54967	28.85073	30.12579	83.06889	1.348628	1.571603	11.13862	24.20688
26	21.82605	27.98789	29.23979	79.66020	1.293689	1.507581	10.68486	23.21037
27	21.15244	27.17405	28.41259	76.55965	1.243249	1.448801	10.26826	22.27120
28	20.52401	26.40625	27.63873	73.74184	1.196952	1.394849	9.885884	21.38471
29	19.93665	25.68235	26.91377	71.18417	1.154478	1.345353	9.535084	20.54748
30	19.38689	25.00071	26.23402	68.86653	1.115539	1.299977	9.213482	19.75706
31	18.87176	24.36004	25.59641	66.77110	1.079878	1.258419	8.918949	19.01169
32	18.38865	23.75923	24.99835	64.88200	1.047261	1.220409	8.649555	18.31010
33	17.93531	23.19728	24.43758	63.18520	1.017479	1.185704	8.403582	17.65130
34	17.50969	22.67320	23.91210	61.66831	.9903449	1.154083	8.179476	17.03450
35	17.11000	22.18599	23.42012	60.32039	.9656905	1.125352	7.975848	16.45890
36	16.73458	21.73460	22.96000	59.13189	.9433651	1.099336	7.791458	15.92375
37	16.38191	21.31790	22.53016	58.09446	.9232345	1.075877	7.625196	15.42819
38	16.05060	20.93467	22.12911	57.20093	.9051796	1.054837	7.476076	14.97118
39	15.73934	20.58360	21.75538	56.44520	.8890944	1.036092	7.343225	14.55159
40	15.44689	20.26328	21.40753	55.82213	.8748858	1.019535	7.225873	14.16799
41	15.17206	19.97213	21.08410	55.32751	.8624725	1.005069	7.123349	13.81870
42	14.91370	19.70841	20.78355	54.95805	.8517843	.9926136	7.035072	13.50188
43	14.67067	19.47017	20.50436	54.71130	.8427610	.9820984	6.960546	13.21526
44	14.44183	19.25514	20.24483	54.58561	.8353521	.9734647	6.899355	12.95629
45	14.22597	19.06065	20.00320	54.58015	.8295168	.9666644	6.851160	12.72198
46	14.02185	18.88357	19.77750	54.69489	.8252227	.9616606	6.815695	12.50895
47	13.82813	18.72020	19.56564	54.93058	.8224465	.9584252	6.792765	12.31326
48	13.64333	18.56614	19.36520	55.28880	.8211726	.9569407	6.782245	12.13050
49	13.64333	18.56614	19.36520	55.77191	.8213943	.9571992	6.784075	12.13050
50	13.64333	18.56614	19.36520	56.38315	.8231128	.9592018	6.798268	12.13050
51	13.64333	18.56614	19.36520	57.12662	.8263376	.9629596	6.824902	12.13050
52	13.64333	18.56614	19.36520	58.00738	.8310860	.9684933	6.864121	12.13050
53	13.64333	18.56614	19.36520	59.03144	.8373845	.9758331	6.916142	12.13050
54	13.64333	18.56614	19.36520	60.20589	.8452677	.9850197	6.981250	12.13050
55	13.64333	18.56614	19.36520	61.53896	.8547794	.9961038	7.059809	12.13050
56	16.03834	22.35509	23.38932	63.04005	.8659726	1.009148	7.152257	15.05188
57	18.43336	26.14406	27.41344	64.72000	.8789108	1.024225	7.259115	17.97325
58	20.82837	29.93302	31.43756	66.59106	.8936672	1.041421	7.380991	20.89463
59	23.22338	33.72198	35.46169	68.66711	.9103265	1.060835	7.518586	23.81601
60	25.61839	37.51094	39.48579	70.96382	.9289857	1.082579	7.672696	26.73739
61	28.01340	41.29990	43.50991	73.49889	.9497542	1.106781	7.844228	29.65877
62	30.40842	45.08886	47.53404	76.29218	.9727561	1.133586	8.034204	32.58014
63	32.80343	48.87783	51.55815	79.36602	.9981297	1.163155	8.243773	35.50152
64	35.19844	52.66679	55.58228	82.74555	1.026031	1.195670	8.474215	38.42290
65	37.59345	56.45575	59.60640	86.45900	1.056634	1.231332	8.726967	41.34428

Table B-9
Victoria 1993 NOX Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.369582	2.624696	2.679173	4.438989	2.854864	3.305471	34.20677	.8022444
4	2.184025	2.418481	2.477473	4.484924	2.734625	3.166253	32.76608	.7673347
5	2.071036	2.293815	2.356726	4.530859	2.623172	3.037209	31.43066	.7383652
6	1.994604	2.210477	2.276697	4.576794	2.519837	2.917564	30.19251	.7148805
7	1.939272	2.151171	2.220112	4.622729	2.424013	2.806614	29.04434	.6964412
8	1.897292	2.107200	2.178311	4.668664	2.335145	2.703721	27.97955	.6826239
9	1.864343	2.073690	2.146460	4.714599	2.252733	2.608301	26.99209	.6730214
10	1.837821	2.047685	2.121645	4.760534	2.176317	2.519824	26.07648	.6672422
11	1.816055	2.027270	2.101995	4.806469	2.105482	2.437807	25.22773	.6649106
12	1.797922	2.011146	2.086250	4.852404	2.039846	2.361812	24.44129	.6656674
13	1.782637	1.998390	2.073529	4.898339	1.979064	2.291437	23.71301	.6691692
14	1.769631	1.988323	2.063193	4.944274	1.922822	2.226318	23.03912	.6750883
15	1.758482	1.980434	2.054766	4.990209	1.870834	2.166123	22.41619	.6831134
16	1.748868	1.974322	2.047886	5.036144	1.822837	2.110551	21.84110	.6929488
17	1.740538	1.969671	2.042269	5.082079	1.778596	2.059326	21.31101	.7043152
18	1.733293	1.966225	2.037691	5.128014	1.737894	2.012201	20.82333	.7169487
19	1.726973	1.963770	2.033973	5.173949	1.700537	1.968947	20.37572	.7306021
20	1.727369	1.967679	2.037149	5.219884	1.666348	1.929361	19.96606	.7450438
21	1.737078	1.986657	2.056105	5.265819	1.635166	1.893257	19.59244	.7600581
22	1.746062	2.004364	2.073610	5.311754	1.606848	1.860470	19.25313	.7754453
23	1.754417	2.020929	2.089832	5.357688	1.581264	1.830848	18.94659	.7910219
24	1.762224	2.036459	2.104914	5.403624	1.558298	1.804257	18.67142	.8066205
25	1.769550	2.051039	2.118973	5.449558	1.537848	1.780580	18.42639	.8220892
26	1.776450	2.064743	2.132112	5.495493	1.519824	1.759710	18.21042	.8372923
27	1.782973	2.077632	2.144418	5.541429	1.504144	1.741556	18.02255	.8521102
28	1.789161	2.089760	2.155966	5.587364	1.490742	1.726039	17.86197	.8664392
29	1.795050	2.101176	2.166824	5.633299	1.479559	1.713090	17.72797	.8801917
30	1.800672	2.111924	2.177052	5.679234	1.470547	1.702655	17.61998	.8932959
31	1.806057	2.122043	2.186707	5.725168	1.463666	1.694689	17.53754	.9056959
32	1.811231	2.131574	2.195837	5.771104	1.458887	1.689156	17.48028	.9173524
33	1.816220	2.140555	2.204492	5.817039	1.456191	1.686034	17.44798	.9282412
34	1.821047	2.149022	2.212716	5.862973	1.455565	1.685309	17.44048	.9383547
35	1.825735	2.157015	2.220553	5.908908	1.457007	1.686978	17.45775	.9477014
36	1.830306	2.164574	2.228044	5.954844	1.460523	1.691049	17.49987	.9563050
37	1.834783	2.171738	2.235232	6.000778	1.466127	1.697538	17.56703	.9642054
38	1.839186	2.178550	2.242157	6.046713	1.473844	1.706474	17.65950	.9714597
39	1.843539	2.185054	2.248861	6.092648	1.483708	1.717894	17.77768	.9781398
40	1.847864	2.191298	2.255385	6.138583	1.495759	1.731848	17.92208	.9843335
41	1.852183	2.197330	2.261771	6.184518	1.510052	1.748396	18.09334	.9901446
42	1.856520	2.203203	2.268063	6.230453	1.526648	1.767611	18.29218	.9956941
43	1.860900	2.208972	2.274304	6.276388	1.545619	1.789576	18.51949	1.001118
44	1.865347	2.214693	2.280539	6.322323	1.567049	1.814389	18.77627	1.006568
45	1.869889	2.220428	2.286814	6.368258	1.591034	1.842160	19.06366	1.012211
46	1.874552	2.226243	2.293177	6.414193	1.617682	1.873014	19.38295	1.018233
47	1.879364	2.232203	2.299677	6.460128	1.647113	1.907091	19.73559	1.024833
48	1.884356	2.238382	2.306365	6.506063	1.679463	1.944547	20.12321	1.032228
49	1.961452	2.329857	2.404255	6.551998	1.714882	1.985556	20.54759	1.065840
50	2.038548	2.421332	2.502147	6.597933	1.753536	2.030311	21.01074	1.099452
51	2.115643	2.512807	2.600038	6.643868	1.795609	2.079025	21.51486	1.133064
52	2.192739	2.604282	2.697928	6.689803	1.841304	2.131933	22.06237	1.166676
53	2.269835	2.695756	2.795820	6.735738	1.890846	2.189293	22.65598	1.200288
54	2.346931	2.787231	2.893710	6.781673	1.944479	2.251393	23.29861	1.233900
55	2.424026	2.878706	2.991601	6.827608	2.002476	2.318543	23.99352	1.267512
56	2.501122	2.970181	3.089493	6.873543	2.065132	2.391089	24.74427	1.301124
57	2.578217	3.061656	3.187384	6.919478	2.132776	2.469409	25.55476	1.334735
58	2.655313	3.153131	3.285275	6.965412	2.205764	2.553919	26.42931	1.368347
59	2.732409	3.244606	3.383166	7.011348	2.284493	2.645073	27.37263	1.401959
60	2.809504	3.336081	3.481057	7.057282	2.369394	2.743375	28.38991	1.435571
61	2.886600	3.427556	3.578948	7.103218	2.460942	2.849373	29.48683	1.469183
62	2.963696	3.519031	3.676839	7.149153	2.559659	2.963672	30.66965	1.502795
63	3.040791	3.610506	3.774730	7.195087	2.666120	3.086936	31.94526	1.536407
64	3.117887	3.701981	3.872621	7.241023	2.780955	3.219896	33.32120	1.570019
65	3.194983	3.793456	3.970511	7.286958	2.904857	3.363355	34.80579	1.603631

Table B-10
Victoria 1993 EXHS Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	10.63607	12.93836	14.57514	17.09213	1.627791	2.348772	6.893975	14.68107
4	8.157788	10.06973	11.27469	15.60245	1.545433	2.229936	6.545174	12.08850
5	6.642752	8.262154	9.198940	14.26627	1.468533	2.118976	6.219490	10.16832
6	5.620751	7.021005	7.775844	13.06619	1.396688	2.015310	5.915215	8.718978
7	4.885869	6.120247	6.744294	11.98694	1.329528	1.918403	5.630780	7.606098
8	4.333032	5.440150	5.966169	11.01511	1.266711	1.827763	5.364740	6.738134
9	3.902802	4.910875	5.361034	10.13889	1.207925	1.742939	5.115770	6.051443
10	3.558970	4.488815	4.878768	9.347866	1.152881	1.663515	4.882649	5.500941
11	3.278205	4.145328	4.486521	8.632879	1.101314	1.589108	4.664254	5.054119
12	3.044795	3.860835	4.161901	7.985824	1.052979	1.519365	4.459550	4.687145
13	2.847776	3.621522	3.889148	7.399542	1.007653	1.453963	4.267584	4.382285
14	2.679273	3.417381	3.656877	6.867691	.9651264	1.392601	4.087477	4.126148
15	2.533483	3.241001	3.456675	6.384658	.9252084	1.335002	3.918418	3.908497
16	2.406044	3.086797	3.282215	5.945462	.8877224	1.280913	3.759658	3.721420
17	2.293619	2.950493	3.128655	5.545673	.8525049	1.230097	3.610506	3.558740
18	2.193614	2.828784	2.992243	5.181362	.8194054	1.182337	3.470324	3.415599
19	2.103988	2.719089	2.870040	4.849026	.7882844	1.137432	3.338521	3.288158
20	2.017344	2.631534	2.775205	4.545547	.7590132	1.095196	3.214551	3.173375
21	1.933928	2.533494	2.668943	4.268139	.7314721	1.055456	3.097911	3.068839
22	1.857820	2.443194	2.571774	4.014320	.7055510	1.018054	2.988131	2.972641
23	1.788041	2.359561	2.482432	3.781868	.6811476	.9828417	2.884778	2.883289
24	1.723790	2.281745	2.399895	3.568795	.6581671	.9496828	2.787452	2.799623
25	1.664404	2.209074	2.323332	3.373322	.6365221	.9184507	2.695781	2.720752
26	1.609329	2.141016	2.252066	3.193853	.6161306	.8890275	2.609420	2.646017
27	1.558108	2.077150	2.185544	3.028956	.5969176	.8613045	2.528049	2.574939
28	1.510352	2.017139	2.123312	2.877345	.5788128	.8351807	2.451372	2.507185
29	1.465733	1.960715	2.064992	2.737864	.5617511	.8105621	2.379114	2.442542
30	1.423971	1.907658	2.010272	2.609473	.5456725	.7873621	2.311018	2.380888
31	1.384827	1.857785	1.958887	2.491233	.5305208	.7654992	2.246847	2.322177
32	1.348091	1.810940	1.910612	2.382304	.5162437	.7448987	2.186382	2.266406
33	1.313582	1.766986	1.865250	2.281922	.5027932	.7254906	2.129416	2.213610
34	1.281138	1.725799	1.822629	2.189401	.4901243	.7072103	2.075761	2.163848
35	1.250616	1.687264	1.782596	2.104121	.4781953	.6899976	2.025239	2.117182
36	1.221887	1.651268	1.745007	2.025523	.4669672	.6737964	1.977687	2.073680
37	1.194832	1.617703	1.709733	1.953100	.4564043	.6585552	1.932951	2.033392
38	1.169346	1.586460	1.676648	1.886395	.4464731	.6442250	1.890891	1.996368
39	1.145327	1.557429	1.645635	1.824996	.4371424	.6307617	1.851374	1.962618
40	1.122682	1.530495	1.616574	1.768528	.4283837	.6181234	1.814279	1.932133
41	1.101323	1.505543	1.589353	1.716655	.4201699	.6062716	1.779492	1.904870
42	1.081165	1.482445	1.563854	1.669072	.4124765	.5951706	1.746909	1.880744
43	1.062126	1.461068	1.539961	1.625504	.4052804	.5847873	1.716432	1.859634
44	1.044123	1.441266	1.517551	1.585703	.3985604	.5750909	1.687972	1.841353
45	1.027075	1.422877	1.496496	1.549447	.3922970	.5660533	1.661445	1.825672
46	1.010898	1.405723	1.476663	1.516535	.3864719	.5576481	1.636775	1.812285
47	.9955057	1.389600	1.457903	1.486788	.3810684	.5498514	1.613891	1.800813
48	.9808067	1.374280	1.440061	1.460046	.3760715	.5426412	1.592727	1.790802
49	.9808067	1.374280	1.440061	1.436167	.3714666	.5359968	1.573225	1.790802
50	.9808067	1.374280	1.440061	1.415026	.3672413	.5298999	1.555330	1.790802
51	.9808067	1.374280	1.440061	1.396512	.3633836	.5243337	1.538992	1.790802
52	.9808067	1.374280	1.440061	1.380531	.3598830	.5192825	1.524167	1.790802
53	.9808067	1.374280	1.440061	1.366999	.3567300	.5147328	1.510813	1.790802
54	.9808067	1.374280	1.440061	1.355849	.3539158	.5106723	1.498895	1.790802
55	.9808067	1.374280	1.440061	1.347024	.3514330	.5070897	1.488379	1.790802
56	1.041126	1.465843	1.538122	1.340480	.3492748	.5039757	1.479239	1.918575
57	1.101446	1.557407	1.636182	1.336184	.3474355	.5013218	1.471449	2.046348
58	1.161766	1.648970	1.734242	1.334114	.3459101	.4991208	1.464989	2.174120
59	1.222086	1.740533	1.832302	1.334261	.3446947	.4973670	1.459842	2.301893
60	1.282406	1.832097	1.930362	1.336625	.3437859	.4960556	1.455993	2.429666
61	1.342726	1.923660	2.028423	1.341218	.3431814	.4951833	1.453432	2.557438
62	1.403045	2.015224	2.126483	1.348062	.3428795	.4947478	1.452154	2.685211
63	1.463365	2.106787	2.224543	1.357192	.3428795	.4947478	1.452154	2.812984
64	1.523685	2.198350	2.322603	1.368654	.3431814	.4951833	1.453432	2.940756
65	1.584005	2.289914	2.420663	1.382506	.3437859	.4960556	1.455993	3.068529

Table B-11
Victoria 1993 RNLS Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	9.112804	8.140202	9.969931	19.04019	.0000000	.0000000	.0000000	.0000000
4	5.570438	4.761953	5.780272	11.00613	.0000000	.0000000	.0000000	.0000000
5	3.849539	3.164815	3.809561	7.233372	.0000000	.0000000	.0000000	.0000000
6	2.870827	2.279149	2.722043	5.154737	.0000000	.0000000	.0000000	.0000000
7	2.254305	1.734250	2.056082	3.883810	.0000000	.0000000	.0000000	.0000000
8	2.014882	1.525659	1.801536	3.397188	.0000000	.0000000	.0000000	.0000000
9	1.835008	1.375087	1.619181	3.049028	.0000000	.0000000	.0000000	.0000000
10	1.678875	1.249739	1.468700	2.762353	.0000000	.0000000	.0000000	.0000000
11	1.540008	1.142737	1.341399	2.520393	.0000000	.0000000	.0000000	.0000000
12	1.414092	1.049495	1.231483	2.311970	.0000000	.0000000	.0000000	.0000000
13	1.298137	.9668367	1.134941	2.129344	.0000000	.0000000	.0000000	.0000000
14	1.190009	.8924947	1.048906	1.966989	.0000000	.0000000	.0000000	.0000000
15	1.088142	.8248056	.9712769	1.820849	.0000000	.0000000	.0000000	.0000000
16	.9913625	.7625218	.9004781	1.687884	.0000000	.0000000	.0000000	.0000000
17	.8987728	.7046898	.8353040	1.565769	.0000000	.0000000	.0000000	.0000000
18	.8096749	.6505675	.7748171	1.452696	.0000000	.0000000	.0000000	.0000000
19	.7235168	.5995692	.7182773	1.347237	.0000000	.0000000	.0000000	.0000000
20	.6612089	.5597230	.6730835	1.262471	.0000000	.0000000	.0000000	.0000000
21	.6330690	.5348985	.6427519	1.204582	.0000000	.0000000	.0000000	.0000000
22	.6067795	.5120397	.6149040	1.151484	.0000000	.0000000	.0000000	.0000000
23	.5820985	.4908900	.5892156	1.102552	.0000000	.0000000	.0000000	.0000000
24	.5588252	.4712360	.5654171	1.057266	.0000000	.0000000	.0000000	.0000000
25	.5367905	.4528981	.5432816	1.015187	.0000000	.0000000	.0000000	.0000000
26	.5158517	.4357245	.5226170	.9759461	.0000000	.0000000	.0000000	.0000000
27	.4958869	.4195859	.5032601	.9392276	.0000000	.0000000	.0000000	.0000000
28	.4767917	.4043711	.4850708	.9047616	.0000000	.0000000	.0000000	.0000000
29	.4584763	.3899850	.4679282	.8723145	.0000000	.0000000	.0000000	.0000000
30	.4408626	.3763444	.4517276	.8416845	.0000000	.0000000	.0000000	.0000000
31	.4238828	.3633772	.4363781	.8126963	.0000000	.0000000	.0000000	.0000000
32	.4074773	.3510204	.4217996	.7851953	.0000000	.0000000	.0000000	.0000000
33	.3915940	.3392184	.4079221	.7590469	.0000000	.0000000	.0000000	.0000000
34	.3761868	.3279223	.3946838	.7341313	.0000000	.0000000	.0000000	.0000000
35	.3612149	.3170886	.3820299	.7103431	.0000000	.0000000	.0000000	.0000000
36	.3466421	.3066790	.3699117	.6875882	.0000000	.0000000	.0000000	.0000000
37	.3324359	.2966589	.3582858	.6657827	.0000000	.0000000	.0000000	.0000000
38	.3185675	.2869977	.3471133	.6448520	.0000000	.0000000	.0000000	.0000000
39	.3050107	.2776677	.3363593	.6247286	.0000000	.0000000	.0000000	.0000000
40	.2917424	.2686441	.3259923	.6053520	.0000000	.0000000	.0000000	.0000000
41	.2787413	.2599045	.3159843	.5866675	.0000000	.0000000	.0000000	.0000000
42	.2659884	.2514285	.3063093	.5686256	.0000000	.0000000	.0000000	.0000000
43	.2534664	.2431979	.2969444	.5511817	.0000000	.0000000	.0000000	.0000000
44	.2411595	.2351958	.2878682	.5342948	.0000000	.0000000	.0000000	.0000000
45	.2290534	.2274071	.2790615	.5179279	.0000000	.0000000	.0000000	.0000000
46	.2171349	.2198178	.2705069	.5020470	.0000000	.0000000	.0000000	.0000000
47	.2053922	.2124151	.2621880	.4866211	.0000000	.0000000	.0000000	.0000000
48	.1941877	.2050796	.2538615	.4711571	.0000000	.0000000	.0000000	.0000000
49	.1866723	.1971197	.2439116	.4523421	.0000000	.0000000	.0000000	.0000000
50	.1795967	.1896263	.2345466	.4346402	.0000000	.0000000	.0000000	.0000000
51	.1729271	.1825632	.2257213	.4179652	.0000000	.0000000	.0000000	.0000000
52	.1666327	.1758980	.2173949	.4022391	.0000000	.0000000	.0000000	.0000000
53	.1606858	.1696011	.2095302	.3873912	.0000000	.0000000	.0000000	.0000000
54	.1550611	.1636457	.2020937	.3733571	.0000000	.0000000	.0000000	.0000000
55	.1497354	.1580072	.1950545	.3600782	.0000000	.0000000	.0000000	.0000000
56	.1446879	.1526637	.1883848	.3475012	.0000000	.0000000	.0000000	.0000000
57	.1398993	.1475945	.1820589	.3355773	.0000000	.0000000	.0000000	.0000000
58	.1353521	.1427811	.1760535	.3242621	.0000000	.0000000	.0000000	.0000000
59	.1310302	.1382065	.1703472	.3135148	.0000000	.0000000	.0000000	.0000000
60	.1269188	.1338550	.1649204	.3032979	.0000000	.0000000	.0000000	.0000000
61	.1230043	.1297123	.1597549	.2935769	.0000000	.0000000	.0000000	.0000000
62	.1192744	.1257650	.1548342	.2843202	.0000000	.0000000	.0000000	.0000000
63	.1157174	.1220010	.1501430	.2754986	.0000000	.0000000	.0000000	.0000000
64	.1123227	.1184089	.1456670	.2670853	.0000000	.0000000	.0000000	.0000000
65	.1090806	.1149785	.1413934	.2590553	.0000000	.0000000	.0000000	.0000000

Table B-12
Victoria 1993 RSTL, CC, and HTSK Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.1133081	.1054380	.0906648	.1400594	.0000000	.0000000	.0000000	.7832513
--	.0115322	.0203062	.0222594	.0317492	.0000000	.0000000	.0000000	.0000000
--	.2573202	.2718099	.2650219	2.130293	.0000000	.0000000	.0000000	3.256572

Table B-13
Victoria 1993 VOC Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	19.05337	20.55413	23.88672	36.14436	1.627791	2.348772	6.893975	18.42696
4	13.42017	14.65826	16.81780	27.44099	1.545433	2.229936	6.545174	15.83239
5	10.37705	11.42378	12.97010	22.72693	1.468533	2.118976	6.219490	13.91074
6	8.488353	9.393608	10.56953	19.67278	1.396688	2.015310	5.915215	12.46029
7	7.208847	8.008629	8.939613	17.46510	1.329528	1.918403	5.630780	11.34656
8	6.448674	7.147773	7.935291	16.06983	1.266711	1.827763	5.364740	10.47793
9	5.863066	6.487836	7.167759	14.89349	1.207925	1.742939	5.115770	9.790710
10	5.384039	5.956060	6.550743	13.85646	1.152881	1.663515	4.882649	9.239786
11	4.982753	5.518079	6.043851	12.93462	1.101314	1.589108	4.664254	8.792623
12	4.639829	5.150511	5.619665	12.10991	1.052979	1.519365	4.459550	8.425367
13	4.341765	4.836912	5.258946	11.36831	1.007653	1.453963	4.267584	8.120273
14	4.078873	4.565402	4.947823	10.69858	.9651264	1.392601	4.087477	7.863939
15	3.844020	4.327200	4.676060	10.09155	.9252084	1.335002	3.918418	7.646122
16	3.631850	4.115691	4.435961	9.539575	.8877224	1.280913	3.759658	7.458902
17	3.438262	3.925814	4.221640	9.036194	.8525049	1.230097	3.610506	7.296097
18	3.260072	3.753651	4.028532	8.575909	.8194054	1.182337	3.470324	7.152846
19	3.094768	3.596136	3.853055	8.153977	.7882844	1.137432	3.338521	7.025307
20	2.953490	3.471857	3.716104	7.778897	.7590132	1.095196	3.214551	6.910438
21	2.845635	3.352963	3.583397	7.453386	.7314721	1.055456	3.097911	6.805820
22	2.746668	3.243482	3.461939	7.155428	.7055510	1.018054	2.988131	6.709548
23	2.655405	3.142123	3.350183	6.882272	.6811476	.9828417	2.884778	6.620129
24	2.570871	3.047854	3.246873	6.631490	.6581671	.9496828	2.787452	6.536398
25	2.492259	2.959850	3.150981	6.400935	.6365221	.9184507	2.695781	6.457466
26	2.418896	2.877446	3.061663	6.188704	.6161306	.8890275	2.609420	6.382674
27	2.350215	2.800108	2.978225	5.993098	.5969176	.8613045	2.528049	6.311542
28	2.285741	2.727404	2.900090	5.812610	.5788128	.8351807	2.451372	6.243735
29	2.225067	2.658978	2.826777	5.645888	.5617511	.8105621	2.379114	6.179043
30	2.167846	2.594538	2.757881	5.491729	.5456725	.7873621	2.311018	6.117342
31	2.113780	2.533836	2.693059	5.349050	.5305208	.7654992	2.246847	6.058586
32	2.062609	2.476660	2.632017	5.216882	.5162437	.7448987	2.186382	6.002772
33	2.014106	2.422824	2.574498	5.094352	.5027932	.7254906	2.129416	5.949935
34	1.968069	2.372159	2.520275	4.980676	.4901243	.7072103	2.075761	5.900135
35	1.924320	2.324512	2.469147	4.875150	.4781953	.6899976	2.025239	5.853434
36	1.882698	2.279737	2.420930	4.777136	.4669672	.6737964	1.977687	5.809898
37	1.843059	2.237695	2.375454	4.686061	.4564043	.6585552	1.932951	5.769580
38	1.805270	2.198252	2.332563	4.601407	.4464731	.6442250	1.890891	5.732527
39	1.769208	2.161274	2.292107	4.522706	.4371424	.6307617	1.851374	5.698751
40	1.734761	2.126626	2.253940	4.449536	.4283837	.6181234	1.814279	5.668243
41	1.701824	2.094176	2.217923	4.381516	.4201699	.6062716	1.779492	5.640960
42	1.670293	2.063778	2.183920	4.318300	.4124765	.5951706	1.746909	5.616815
43	1.640074	2.035288	2.151791	4.259580	.4052804	.5847873	1.716432	5.595688
44	1.611070	2.008546	2.121396	4.205070	.3985604	.5750909	1.687972	5.577393
45	1.583189	1.983382	2.092591	4.154522	.3922970	.5660533	1.661445	5.561699
46	1.556338	1.959610	2.065227	4.107707	.3864719	.5576481	1.636775	5.548303
47	1.530418	1.937019	2.039141	4.064418	.3810684	.5498514	1.613891	5.536822
48	1.505679	1.915278	2.013956	4.024062	.3760715	.5426412	1.592727	5.526804
49	1.498876	1.908074	2.004962	3.983568	.3714666	.5359968	1.573225	5.526804
50	1.492470	1.901293	1.996496	3.946774	.3672413	.5298999	1.555330	5.526804
51	1.486432	1.894900	1.988518	3.913495	.3633836	.5243337	1.538992	5.526804
52	1.480732	1.888867	1.980990	3.883566	.3598830	.5192825	1.524167	5.526804
53	1.475347	1.883166	1.973879	3.856842	.3567300	.5147328	1.510813	5.526804
54	1.470253	1.877775	1.967155	3.833198	.3539158	.5106723	1.498895	5.526804
55	1.465429	1.872670	1.960789	3.812525	.3514330	.5070897	1.488379	5.526804
56	1.520359	1.957869	2.051893	3.794732	.3492748	.5039757	1.479239	5.654674
57	1.575524	2.043316	2.143309	3.779742	.3474355	.5013218	1.471449	5.782545
58	1.630907	2.128995	2.235013	3.767495	.3459101	.4991208	1.464989	5.910416
59	1.686493	2.214889	2.326988	3.757943	.3446947	.4973670	1.459842	6.038286
60	1.742270	2.300985	2.419215	3.751054	.3437859	.4960556	1.455993	6.166157
61	1.798225	2.387270	2.511679	3.746807	.3431814	.4951833	1.453432	6.294028
62	1.854347	2.473732	2.604363	3.745197	.3428795	.4947478	1.452154	6.421899
63	1.910625	2.560359	2.697255	3.746231	.3428795	.4947478	1.452154	6.549768
64	1.967050	2.647142	2.790341	3.749931	.3431814	.4951833	1.453432	6.677639
65	2.023613	2.734071	2.883610	3.756330	.3437859	.4960556	1.455993	6.805510

Table B-14
Victoria 1993 CO Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	149.9866	185.7596	216.8710	350.2559	5.336277	6.218547	44.07346	191.9401
4	114.3677	142.3855	165.6852	320.0137	4.917981	5.731092	40.61868	153.0762
5	92.56354	115.2345	133.4414	293.0267	4.540731	5.291471	37.50288	125.0260
6	77.86061	96.72865	111.3605	268.9066	4.200057	4.894471	34.68919	104.3272
7	67.30243	83.39489	95.39395	247.3153	3.892019	4.535504	32.14503	88.74149
8	59.37410	73.39517	83.38634	227.9586	3.613143	4.210521	29.84173	76.78657
9	53.21648	65.66077	74.07787	210.5796	3.360360	3.915943	27.75394	67.45878
10	48.30544	59.52745	66.68254	194.9541	3.130955	3.648610	25.85924	60.06437
11	44.30304	54.56097	60.68534	180.8854	2.922525	3.405720	24.13777	54.11450
12	40.98178	50.46596	55.73568	168.2017	2.732940	3.184790	22.57195	49.25864
13	38.18299	47.03486	51.58729	156.7519	2.560309	2.983617	21.14615	45.24126
14	35.79274	44.11781	48.06266	146.4031	2.402952	2.800243	19.84651	41.87328
15	33.72721	41.60416	45.03101	137.0388	2.259375	2.632927	18.66067	39.01297
16	31.92344	39.41072	42.39414	128.5559	2.128246	2.480118	17.57765	36.55278
17	30.33331	37.47396	40.07722	120.8638	2.008379	2.340434	16.58764	34.41035
18	28.91949	35.74490	38.02234	113.8821	1.898717	2.212640	15.68191	32.52206
19	27.65267	34.18545	36.18428	107.5401	1.798311	2.095634	14.85264	30.83852
20	26.49792	33.04414	34.87762	101.7749	1.706318	1.988431	14.09286	29.32117
21	25.43776	31.87701	33.59042	96.53098	1.621981	1.890150	13.39629	27.93997
22	24.46974	30.79611	32.41356	91.75884	1.544620	1.799999	12.75735	26.67148
23	23.58142	29.78901	31.33142	87.41474	1.473629	1.717271	12.17102	25.49747
24	22.76267	28.84621	30.33146	83.45970	1.408462	1.641329	11.63279	24.40387
25	22.00518	27.96055	29.40358	79.85910	1.348628	1.571603	11.13862	23.37993
26	21.30209	27.12667	28.53966	76.58214	1.293689	1.507581	10.68486	22.41747
27	20.64772	26.34060	27.73315	73.60139	1.243249	1.448801	10.26826	21.51039
28	20.03732	25.59936	26.97869	70.89244	1.196952	1.394849	9.885884	20.65417
29	19.46687	24.90077	26.27194	68.43360	1.154478	1.345353	9.535084	19.84554
30	18.93300	24.24313	25.60928	66.20553	1.115539	1.299977	9.213482	19.08213
31	18.43277	23.62509	24.98772	64.19106	1.079878	1.258419	8.918949	18.36222
32	17.96363	23.04550	24.40471	62.37496	1.047261	1.220409	8.649555	17.68460
33	17.52338	22.50331	23.85803	60.74373	1.017479	1.185704	8.403582	17.04830
34	17.11002	21.99751	23.34574	59.28545	.9903449	1.154083	8.179476	16.45257
35	16.72178	21.52709	22.86607	57.98961	.9656905	1.125352	7.975848	15.89664
36	16.35704	21.09098	22.41742	56.84703	.9433651	1.099336	7.791458	15.37976
37	16.01433	20.68807	21.99824	55.84969	.9232345	1.075877	7.625196	14.90114
38	15.69229	20.31716	21.60709	54.99069	.9051796	1.054837	7.476076	14.45974
39	15.38964	19.97698	21.24252	54.26416	.8890944	1.036092	7.343225	14.05448
40	15.10518	19.66616	20.90313	53.66516	.8748858	1.019535	7.225873	13.68398
41	14.83775	19.38319	20.58748	53.18966	.8624725	1.005069	7.123349	13.34663
42	14.58625	19.12639	20.29411	52.83448	.8517843	.9926136	7.035072	13.04063
43	14.34957	18.89391	20.02151	52.59726	.8427610	.9820984	6.960546	12.76381
44	14.12659	18.68359	19.76803	52.47642	.8353521	.9734647	6.899355	12.51368
45	13.91619	18.49291	19.53199	52.47118	.8295168	.9666644	6.851160	12.28737
46	13.71715	18.31893	19.31144	52.58148	.8252227	.9616606	6.815695	12.08162
47	13.52820	18.15813	19.10439	52.80807	.8224465	.9584252	6.792765	11.89262
48	13.34794	18.00640	18.90846	53.15244	.8211726	.9569407	6.782245	11.71610
49	13.34794	18.00640	18.90846	53.61689	.8213943	.9571992	6.784075	11.71610
50	13.34794	18.00640	18.90846	54.20451	.8231128	.9592018	6.798268	11.71610
51	13.34794	18.00640	18.90846	54.91925	.8263376	.9629596	6.824902	11.71610
52	13.34794	18.00640	18.90846	55.76598	.8310860	.9684933	6.864121	11.71610
53	13.34794	18.00640	18.90846	56.75047	.8373845	.9758331	6.916142	11.71610
54	13.34794	18.00640	18.90846	57.87954	.8452677	.9850197	6.981250	11.71610
55	13.34794	18.00640	18.90846	59.16109	.8547794	.9961038	7.059809	11.71610
56	15.67417	21.66196	22.82479	60.60419	.8659726	1.009148	7.152257	14.53768
57	18.00039	25.31753	26.74113	62.21923	.8789108	1.024225	7.259115	17.35926
58	20.32662	28.97309	30.65746	64.01798	.8936672	1.041421	7.380991	20.18084
59	22.65284	32.62865	34.57379	66.01382	.9103265	1.060835	7.518586	23.00242
60	24.97906	36.28421	38.49012	68.22179	.9289857	1.082579	7.672696	25.82400
61	27.30529	39.93977	42.40645	70.65890	.9497542	1.106781	7.844228	28.64558
62	29.63151	43.59534	46.32278	73.34425	.9727561	1.133586	8.034204	31.46715
63	31.95774	47.25089	50.23912	76.29932	.9981297	1.163155	8.243773	34.28874
64	34.28396	50.90645	54.15545	79.54827	1.026031	1.195670	8.474215	37.11032
65	36.61018	54.56202	58.07178	83.11823	1.056634	1.231332	8.726967	39.93189

Table B-15
Victoria 1993 NOX Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.374788	2.630324	2.689047	4.469224	2.854864	3.305471	34.20677	.8136578
4	2.189380	2.424039	2.487337	4.515472	2.734625	3.166253	32.76608	.7782514
5	2.076418	2.299306	2.366588	4.561720	2.623172	3.037209	31.43066	.7488697
6	1.999960	2.215913	2.286568	4.607968	2.519837	2.917564	30.19251	.7250507
7	1.944576	2.156564	2.230004	4.654215	2.424013	2.806614	29.04434	.7063493
8	1.902533	2.112565	2.188234	4.700464	2.335145	2.703721	27.97955	.6923355
9	1.869518	2.079040	2.156425	4.746712	2.252733	2.608301	26.99209	.6825964
10	1.842929	2.053032	2.131660	4.792959	2.176317	2.519824	26.07648	.6767349
11	1.821098	2.032626	2.112068	4.839207	2.105482	2.437807	25.22773	.6743701
12	1.802905	2.016521	2.096388	4.885455	2.039846	2.361812	24.44129	.6751378
13	1.787565	2.003793	2.083738	4.931703	1.979064	2.291437	23.71301	.6786894
14	1.774509	1.993764	2.073478	4.977951	1.922822	2.226318	23.03912	.6846926
15	1.763316	1.985919	2.065131	5.024198	1.870834	2.166123	22.41619	.6928319
16	1.753662	1.979857	2.058333	5.070446	1.822837	2.110551	21.84110	.7028071
17	1.745298	1.975262	2.052802	5.116694	1.778596	2.059326	21.31101	.7143353
18	1.738023	1.971874	2.048311	5.162942	1.737894	2.012201	20.82333	.7271485
19	1.731679	1.969483	2.044681	5.209190	1.700537	1.968947	20.37572	.7409962
20	1.732043	1.973483	2.047972	5.255438	1.666348	1.929361	19.96606	.7556434
21	1.741708	1.992549	2.067040	5.301686	1.635166	1.893257	19.59244	.7708712
22	1.750655	2.010345	2.084653	5.347934	1.606848	1.860470	19.25313	.7864774
23	1.758979	2.026997	2.100982	5.394182	1.581264	1.830848	18.94659	.8022757
24	1.766762	2.042612	2.116167	5.440430	1.558298	1.804257	18.67142	.8180960
25	1.774068	2.057275	2.130327	5.486678	1.537848	1.780580	18.42639	.8337849
26	1.780955	2.071061	2.143564	5.532925	1.519824	1.759710	18.21042	.8492041
27	1.787470	2.084029	2.155963	5.579173	1.504144	1.741556	18.02255	.8642329
28	1.793655	2.096234	2.167603	5.625422	1.490742	1.726039	17.86197	.8787658
29	1.799544	2.107724	2.178549	5.671669	1.479559	1.713090	17.72797	.8927140
30	1.805172	2.118543	2.188864	5.717916	1.470547	1.702655	17.61998	.9060045
31	1.810567	2.128732	2.198601	5.764164	1.463666	1.694689	17.53754	.9185811
32	1.815755	2.138329	2.207812	5.810412	1.458887	1.689156	17.48028	.9304034
33	1.820763	2.147372	2.216545	5.856660	1.456191	1.686034	17.44798	.9414471
34	1.825613	2.155901	2.224845	5.902907	1.455565	1.685309	17.44048	.9517046
35	1.830328	2.163954	2.232757	5.949155	1.457007	1.686978	17.45775	.9611841
36	1.834932	2.171569	2.240323	5.995403	1.460523	1.691049	17.49987	.9699101
37	1.839445	2.178789	2.247584	6.041651	1.466127	1.697538	17.56703	.9779229
38	1.843890	2.185655	2.254583	6.087899	1.473844	1.706474	17.65950	.9852804
39	1.848289	2.192214	2.261362	6.134147	1.483708	1.717894	17.77768	.9920556
40	1.852665	2.198511	2.267962	6.180395	1.495759	1.731848	17.92208	.9983374
41	1.857041	2.204597	2.274427	6.226643	1.510052	1.748396	18.09334	1.004231
42	1.861441	2.210525	2.280801	6.272890	1.526648	1.767611	18.29218	1.009860
43	1.865889	2.216350	2.287127	6.319139	1.545619	1.789576	18.51949	1.015360
44	1.870412	2.222130	2.293452	6.365386	1.567049	1.814389	18.77627	1.020888
45	1.875036	2.227929	2.299824	6.411635	1.591034	1.842160	19.06366	1.026611
46	1.879788	2.233810	2.306290	6.457882	1.617682	1.873014	19.38295	1.032719
47	1.884698	2.239844	2.312901	6.504130	1.647113	1.907091	19.73559	1.039413
48	1.889795	2.246101	2.319710	6.550378	1.679463	1.944547	20.12321	1.046913
49	1.967174	2.337900	2.418211	6.596626	1.714882	1.985556	20.54759	1.081004
50	2.044554	2.429698	2.516713	6.642873	1.753536	2.030311	21.01074	1.115094
51	2.121933	2.521496	2.615215	6.689121	1.795609	2.079025	21.51486	1.149184
52	2.199312	2.613294	2.713717	6.735369	1.841304	2.131933	22.06237	1.183274
53	2.276692	2.705092	2.812219	6.781617	1.890846	2.189293	22.65598	1.217364
54	2.354071	2.796890	2.910721	6.827866	1.944479	2.251393	23.29861	1.251454
55	2.431450	2.888689	3.009222	6.874112	2.002476	2.318543	23.99352	1.285544
56	2.508830	2.980486	3.107724	6.920361	2.065132	2.391089	24.74427	1.319634
57	2.586209	3.072284	3.206226	6.966609	2.132776	2.469409	25.55476	1.353724
58	2.663588	3.164083	3.304728	7.012856	2.205764	2.553919	26.42931	1.387815
59	2.740968	3.255881	3.403230	7.059103	2.284493	2.645073	27.37263	1.421905
60	2.818347	3.347679	3.501732	7.105352	2.369394	2.743375	28.38991	1.455995
61	2.895726	3.439477	3.600234	7.151600	2.460942	2.849373	29.48683	1.490085
62	2.973106	3.531275	3.698735	7.197848	2.559659	2.963672	30.66965	1.524175
63	3.050485	3.623074	3.797237	7.244095	2.666120	3.086936	31.94526	1.558265
64	3.127864	3.714871	3.895740	7.290343	2.780955	3.219896	33.32120	1.592355
65	3.205243	3.806669	3.994241	7.336592	2.904857	3.363355	34.80579	1.626445

Table B-16
Victoria 1993 EXHS Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	10.49411	12.73518	14.44355	16.83752	1.627791	2.348772	6.893975	14.69233
4	8.049986	9.910759	11.17535	15.37003	1.545433	2.229936	6.545174	12.09776
5	6.555932	8.131974	9.118877	14.05375	1.468533	2.118976	6.219490	10.17612
6	5.548117	6.910944	7.708608	12.87155	1.396688	2.015310	5.915215	8.725662
7	4.823444	6.024908	6.686212	11.80838	1.329528	1.918403	5.630780	7.611930
8	4.278286	5.355953	5.914950	10.85102	1.266711	1.827763	5.364740	6.743301
9	3.854026	4.835340	5.315155	9.987852	1.207925	1.742939	5.115770	6.056083
10	3.514962	4.420166	4.837161	9.208616	1.152881	1.663515	4.882649	5.505159
11	3.238086	4.082262	4.448412	8.504279	1.101314	1.589108	4.664254	5.057993
12	3.007907	3.802374	4.126709	7.866864	1.052979	1.519365	4.459550	4.690738
13	2.813615	3.566923	3.856426	7.289314	1.007653	1.453963	4.267584	4.385644
14	2.647443	3.366070	3.626272	6.765387	.9651264	1.392601	4.087477	4.129311
15	2.503672	3.192532	3.427907	6.289550	.9252084	1.335002	3.918418	3.911494
16	2.378000	3.040817	3.255054	5.856894	.8877224	1.280913	3.759658	3.724273
17	2.267138	2.906724	3.102912	5.463062	.8525049	1.230097	3.610506	3.561468
18	2.168525	2.787004	2.967760	5.104178	.8194054	1.182337	3.470324	3.418218
19	2.080153	2.679117	2.846684	4.776793	.7882844	1.137432	3.338521	3.290679
20	1.994647	2.592948	2.752529	4.477834	.7590132	1.095196	3.214551	3.175808
21	1.912274	2.496421	2.647150	4.204559	.7314721	1.055456	3.097911	3.071192
22	1.837121	2.407538	2.550783	3.954521	.7055510	1.018054	2.988131	2.974921
23	1.768223	2.325237	2.462173	3.725532	.6811476	.9828417	2.884778	2.885500
24	1.704787	2.248678	2.380307	3.515632	.6581671	.9496828	2.787452	2.801770
25	1.646157	2.177199	2.304360	3.323071	.6365221	.9184507	2.695781	2.722838
26	1.591788	2.110271	2.233664	3.146276	.6161306	.8890275	2.609420	2.648046
27	1.541225	2.047477	2.167668	2.983835	.5969176	.8613045	2.528049	2.576913
28	1.494084	1.988484	2.105923	2.834483	.5788128	.8351807	2.451372	2.509107
29	1.450042	1.933024	2.048059	2.697079	.5617511	.8105621	2.379114	2.444414
30	1.408821	1.880877	1.993762	2.570601	.5456725	.7873621	2.311018	2.382714
31	1.370184	1.831863	1.942774	2.454123	.5305208	.7654992	2.246847	2.323958
32	1.333924	1.785824	1.894870	2.346816	.5162437	.7448987	2.186382	2.268144
33	1.299861	1.742625	1.849857	2.247929	.5027932	.7254906	2.129416	2.215307
34	1.267836	1.702142	1.807565	2.156786	.4901243	.7072103	2.075761	2.165507
35	1.237707	1.664260	1.767842	2.072778	.4781953	.6899976	2.025239	2.118805
36	1.209346	1.628868	1.730546	1.995350	.4669672	.6737964	1.977687	2.075270
37	1.182637	1.595859	1.695550	1.924006	.4564043	.6585552	1.932951	2.034952
38	1.157473	1.565125	1.662729	1.858295	.4464731	.6442250	1.890891	1.997899
39	1.133757	1.536557	1.631965	1.797810	.4371424	.6307617	1.851374	1.964123
40	1.111396	1.510045	1.603142	1.742184	.4283837	.6181234	1.814279	1.933615
41	1.090302	1.485473	1.576148	1.691083	.4201699	.6062716	1.779492	1.906331
42	1.070393	1.462717	1.550865	1.644209	.4124765	.5951706	1.746909	1.882186
43	1.051586	1.441647	1.527178	1.601290	.4052804	.5847873	1.716432	1.861060
44	1.033802	1.422119	1.504965	1.562082	.3985604	.5750909	1.687972	1.842764
45	1.016960	1.403978	1.484099	1.526365	.3922970	.5660533	1.661445	1.827072
46	1.000977	1.387048	1.464447	1.493944	.3864719	.5576481	1.636775	1.813675
47	.9857692	1.371132	1.445860	1.464640	.3810684	.5498514	1.613891	1.802194
48	.9712462	1.356007	1.428184	1.438297	.3760715	.5426412	1.592727	1.792176
49	.9712462	1.356007	1.428184	1.414773	.3714666	.5359968	1.573225	1.792176
50	.9712462	1.356007	1.428184	1.393947	.3672413	.5298999	1.555330	1.792176
51	.9712462	1.356007	1.428184	1.375709	.3633836	.5243337	1.538992	1.792176
52	.9712462	1.356007	1.428184	1.359966	.3598830	.5192825	1.524167	1.792176
53	.9712462	1.356007	1.428184	1.346636	.3567300	.5147328	1.510813	1.792176
54	.9712462	1.356007	1.428184	1.335652	.3539158	.5106723	1.498895	1.792176
55	.9712462	1.356007	1.428184	1.326958	.3514330	.5070897	1.488379	1.792176
56	1.030749	1.446045	1.525321	1.320512	.3492748	.5039757	1.479239	1.920046
57	1.090251	1.536083	1.622457	1.316280	.3474355	.5013218	1.471449	2.047917
58	1.149754	1.626121	1.719593	1.314241	.3459101	.4991208	1.464989	2.175787
59	1.209256	1.716158	1.816730	1.314386	.3446947	.4973670	1.459842	2.303658
60	1.268759	1.806196	1.913866	1.316714	.3437859	.4960556	1.455993	2.431528
61	1.328261	1.896234	2.011002	1.321238	.3431814	.4951833	1.453432	2.559399
62	1.387764	1.986272	2.108139	1.327980	.3428795	.4947478	1.452154	2.687270
63	1.447266	2.076310	2.205275	1.336975	.3428795	.4947478	1.452154	2.815140
64	1.506769	2.166348	2.302411	1.348266	.3431814	.4951833	1.453432	2.943011
65	1.566271	2.256386	2.399548	1.361912	.3437859	.4960556	1.455993	3.070882

Table B-17
Victoria 1993 RNLS Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	8.201384	7.446031	9.087590	17.14659	.0000000	.0000000	.0000000	.0000000
4	5.012305	4.374584	5.286872	9.910704	.0000000	.0000000	.0000000	.0000000
5	3.463239	2.918884	3.495652	6.512924	.0000000	.0000000	.0000000	.0000000
6	2.582359	2.109742	2.505348	4.640968	.0000000	.0000000	.0000000	.0000000
7	2.027526	1.610801	1.897830	3.496462	.0000000	.0000000	.0000000	.0000000
8	1.812513	1.418899	1.664767	3.058548	.0000000	.0000000	.0000000	.0000000
9	1.651164	1.279575	1.497032	2.745378	.0000000	.0000000	.0000000	.0000000
10	1.511201	1.162973	1.358008	2.487592	.0000000	.0000000	.0000000	.0000000
11	1.386791	1.062897	1.239865	2.270087	.0000000	.0000000	.0000000	.0000000
12	1.274047	.9752150	1.137383	2.082792	.0000000	.0000000	.0000000	.0000000
13	1.170275	.8970674	1.046947	1.918735	.0000000	.0000000	.0000000	.0000000
14	1.073554	.8264109	.9659771	1.772938	.0000000	.0000000	.0000000	.0000000
15	.9824727	.7617473	.8925791	1.641747	.0000000	.0000000	.0000000	.0000000
16	.8959743	.7019531	.8253336	1.522424	.0000000	.0000000	.0000000	.0000000
17	.8132500	.6461688	.7631546	1.412876	.0000000	.0000000	.0000000	.0000000
18	.7336707	.5937261	.7051981	1.311472	.0000000	.0000000	.0000000	.0000000
19	.6567398	.5440975	.6507972	1.216928	.0000000	.0000000	.0000000	.0000000
20	.6009676	.5059881	.6080024	1.140806	.0000000	.0000000	.0000000	.0000000
21	.5754865	.4836201	.5806736	1.088570	.0000000	.0000000	.0000000	.0000000
22	.5516719	.4630227	.5555822	1.040651	.0000000	.0000000	.0000000	.0000000
23	.5293062	.4439649	.5324361	.9964844	.0000000	.0000000	.0000000	.0000000
24	.5082086	.4262545	.5109924	.9556015	.0000000	.0000000	.0000000	.0000000
25	.4882268	.4097295	.4910467	.9176081	.0000000	.0000000	.0000000	.0000000
26	.4692320	.3942534	.4724261	.8821712	.0000000	.0000000	.0000000	.0000000
27	.4511146	.3797095	.4549835	.8490062	.0000000	.0000000	.0000000	.0000000
28	.4337806	.3659980	.4385926	.8178703	.0000000	.0000000	.0000000	.0000000
29	.4171489	.3530326	.4231446	.7885531	.0000000	.0000000	.0000000	.0000000
30	.4011495	.3407390	.4085452	.7608728	.0000000	.0000000	.0000000	.0000000
31	.3857208	.3290521	.3947123	.7346714	.0000000	.0000000	.0000000	.0000000
32	.3708096	.3179148	.3815741	.7098098	.0000000	.0000000	.0000000	.0000000
33	.3563688	.3072774	.3690673	.6861663	.0000000	.0000000	.0000000	.0000000
34	.3423569	.2970956	.3571363	.6636335	.0000000	.0000000	.0000000	.0000000
35	.3287370	.2873304	.3457318	.6421161	.0000000	.0000000	.0000000	.0000000
36	.3154767	.2779472	.3348098	.6215297	.0000000	.0000000	.0000000	.0000000
37	.3025466	.2689149	.3243312	.6017988	.0000000	.0000000	.0000000	.0000000
38	.2899207	.2602059	.3142610	.5828553	.0000000	.0000000	.0000000	.0000000
39	.2775756	.2517952	.3045679	.5646394	.0000000	.0000000	.0000000	.0000000
40	.2654903	.2436606	.2952235	.5470961	.0000000	.0000000	.0000000	.0000000
41	.2536458	.2357817	.2862023	.5301763	.0000000	.0000000	.0000000	.0000000
42	.2420247	.2281403	.2774812	.5138354	.0000000	.0000000	.0000000	.0000000
43	.2306117	.2207199	.2690393	.4980330	.0000000	.0000000	.0000000	.0000000
44	.2193924	.2135054	.2608576	.4827327	.0000000	.0000000	.0000000	.0000000
45	.2083540	.2064831	.2529186	.4679004	.0000000	.0000000	.0000000	.0000000
46	.1974846	.1996404	.2452066	.4535061	.0000000	.0000000	.0000000	.0000000
47	.1867736	.1929659	.2377071	.4395217	.0000000	.0000000	.0000000	.0000000
48	.1765572	.1863490	.2301981	.4255094	.0000000	.0000000	.0000000	.0000000
49	.1697541	.1791460	.2212042	.4085385	.0000000	.0000000	.0000000	.0000000
50	.1633484	.1723643	.2127384	.3925713	.0000000	.0000000	.0000000	.0000000
51	.1573098	.1659715	.2047599	.3775300	.0000000	.0000000	.0000000	.0000000
52	.1516103	.1599383	.1972320	.3633442	.0000000	.0000000	.0000000	.0000000
53	.1462250	.1542379	.1901211	.3499501	.0000000	.0000000	.0000000	.0000000
54	.1411308	.1488462	.1833967	.3372898	.0000000	.0000000	.0000000	.0000000
55	.1363071	.1437411	.1770312	.3253105	.0000000	.0000000	.0000000	.0000000
56	.1317349	.1389025	.1709994	.3139641	.0000000	.0000000	.0000000	.0000000
57	.1273968	.1343119	.1652782	.3032067	.0000000	.0000000	.0000000	.0000000
58	.1232770	.1299526	.1598465	.2929983	.0000000	.0000000	.0000000	.0000000
59	.1193610	.1258092	.1546849	.2833017	.0000000	.0000000	.0000000	.0000000
60	.1156353	.1218675	.1497758	.2740834	.0000000	.0000000	.0000000	.0000000
61	.1120878	.1181145	.1451028	.2653124	.0000000	.0000000	.0000000	.0000000
62	.1087071	.1145384	.1406510	.2569602	.0000000	.0000000	.0000000	.0000000
63	.1054830	.1111279	.1364064	.2490003	.0000000	.0000000	.0000000	.0000000
64	.1024056	.1078730	.1323564	.2414085	.0000000	.0000000	.0000000	.0000000
65	.0994663	.1047643	.1284891	.2341625	.0000000	.0000000	.0000000	.0000000

Table B-18
Victoria 1993 RSTL, CC, and HTSK Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.1070134	.0995806	.0856280	.1322786	.0000000	.0000000	.0000000	.7397392
--	.0115322	.0203062	.0222594	.0317492	.0000000	.0000000	.0000000	.0000000
--	.2393301	.2530346	.2476860	1.996228	.0000000	.0000000	.0000000	2.994889

Table B-19
Victoria 1993 VOC Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	15.30831	17.49158	20.43287	28.21638	1.627791	2.348772	6.893975	17.43765
4	11.01172	12.77031	14.77681	22.31502	1.545433	2.229936	6.545174	14.83183
5	8.636135	10.10353	11.59385	18.95350	1.468533	2.118976	6.219490	12.90184
6	7.136436	8.394649	9.560202	16.67074	1.396688	2.015310	5.915215	11.44510
7	6.107267	7.210826	8.155058	14.95399	1.329528	1.918403	5.630780	10.32653
8	5.458536	6.442464	7.245016	13.77778	1.266711	1.827763	5.364740	9.454132
9	4.958452	5.848600	6.543750	12.76868	1.207925	1.742939	5.115770	8.763935
10	4.552989	5.368555	5.978827	11.87369	1.152881	1.663515	4.882649	8.210619
11	4.216562	4.971828	5.513725	11.07480	1.101314	1.589108	4.664254	7.761514
12	3.931967	4.637663	5.123601	10.35815	1.052979	1.519365	4.459550	7.392665
13	3.687217	4.351454	4.790998	9.712700	1.007653	1.453963	4.267584	7.086247
14	3.473702	4.102645	4.503317	9.129416	.9651264	1.392601	4.087477	6.828802
15	3.285089	3.883430	4.251256	8.600779	.9252084	1.335002	3.918418	6.610039
16	3.116615	3.687930	4.027818	8.120428	.8877224	1.280913	3.759658	6.422006
17	2.964638	3.511646	3.827654	7.682931	.8525049	1.230097	3.610506	6.258495
18	2.826326	3.351093	3.646613	7.283596	.8194054	1.182337	3.470324	6.114623
19	2.699448	3.203545	3.481444	6.918357	.7882844	1.137432	3.338521	5.986530
20	2.585991	3.089182	3.354304	6.590002	.7590132	1.095196	3.214551	5.871162
21	2.490835	2.983228	3.234283	6.298585	.7314721	1.055456	3.097911	5.766091
22	2.403656	2.885702	3.124412	6.031853	.7055510	1.018054	2.988131	5.669402
23	2.323394	2.795444	3.023288	5.787384	.6811476	.9828417	2.884778	5.579593
24	2.249171	2.711531	2.929773	5.563033	.6581671	.9496828	2.787452	5.495500
25	2.180262	2.633220	2.842940	5.356894	.6365221	.9184507	2.695781	5.416226
26	2.116061	2.559916	2.762031	5.167272	.6161306	.8890275	2.609420	5.341109
27	2.056061	2.491140	2.686422	4.992651	.5969176	.8613045	2.528049	5.269667
28	1.999834	2.426505	2.615601	4.831684	.5788128	.8351807	2.451372	5.201568
29	1.947016	2.365692	2.549139	4.683160	.5617511	.8105621	2.379114	5.136595
30	1.897297	2.308439	2.486679	4.545996	.5456725	.7873621	2.311018	5.074625
31	1.850409	2.254524	2.427918	4.419220	.5305208	.7654992	2.246847	5.015615
32	1.806119	2.203759	2.372597	4.301958	.5162437	.7448987	2.186382	4.959559
33	1.764223	2.155976	2.320490	4.193425	.5027932	.7254906	2.129416	4.906493
34	1.724543	2.111025	2.271399	4.092914	.4901243	.7072103	2.075761	4.856476
35	1.686918	2.068771	2.225147	3.999787	.4781953	.6899976	2.025239	4.809572
36	1.651206	2.029083	2.181571	3.913470	.4669672	.6737964	1.977687	4.765848
37	1.617276	1.991840	2.140521	3.833443	.4564043	.6585552	1.932951	4.725355
38	1.585011	1.956919	2.101858	3.759240	.4464731	.6442250	1.890891	4.688141
39	1.554301	1.924204	2.065446	3.690436	.4371424	.6307617	1.851374	4.654219
40	1.525044	1.893574	2.031154	3.626649	.4283837	.6181234	1.814279	4.623578
41	1.497148	1.864911	1.998858	3.567533	.4201699	.6062716	1.779492	4.596176
42	1.470519	1.838086	1.968429	3.512779	.4124765	.5951706	1.746909	4.571926
43	1.445072	1.812969	1.939738	3.462104	.4052804	.5847873	1.716432	4.550708
44	1.420722	1.789420	1.912656	3.415254	.3985604	.5750909	1.687972	4.532333
45	1.397385	1.767286	1.887047	3.372001	.3922970	.5660533	1.661445	4.516573
46	1.374975	1.746401	1.862767	3.332138	.3864719	.5576481	1.636775	4.503118
47	1.353405	1.726576	1.839661	3.295481	.3810684	.5498514	1.613891	4.491588
48	1.332817	1.707570	1.817464	3.261617	.3760715	.5426412	1.592727	4.481525
49	1.328428	1.702932	1.811710	3.228644	.3714666	.5359968	1.573225	4.481525
50	1.324293	1.698562	1.806292	3.198855	.3672413	.5298999	1.555330	4.481525
51	1.320392	1.694441	1.801184	3.172098	.3633836	.5243337	1.538992	4.481525
52	1.316709	1.690550	1.796362	3.148239	.3598830	.5192825	1.524167	4.481525
53	1.313227	1.686872	1.791805	3.127163	.3567300	.5147328	1.510813	4.481525
54	1.309931	1.683390	1.787495	3.108769	.3539158	.5106723	1.498895	4.481525
55	1.306809	1.680093	1.783413	3.092970	.3514330	.5070897	1.488379	4.481525
56	1.360652	1.761968	1.873665	3.079697	.3492748	.5039757	1.479239	4.609950
57	1.414645	1.844002	1.964114	3.068889	.3474355	.5013218	1.471449	4.738377
58	1.468779	1.926184	2.054749	3.060502	.3459101	.4991208	1.464989	4.866802
59	1.523043	2.008505	2.145555	3.054504	.3446947	.4973670	1.459842	4.995227
60	1.577429	2.090955	2.236522	3.050873	.3437859	.4960556	1.455993	5.123652
61	1.631930	2.173526	2.327640	3.049601	.3431814	.4951833	1.453432	5.252078
62	1.686537	2.256210	2.418899	3.050693	.3428795	.4947478	1.452154	5.380504
63	1.741246	2.339000	2.510290	3.054161	.3428795	.4947478	1.452154	5.508928
64	1.796048	2.421891	2.601805	3.060035	.3431814	.4951833	1.453432	5.637354
65	1.850940	2.504875	2.693437	3.068353	.3437859	.4960556	1.455993	5.765779

Table B-20
Victoria 1993 CO Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	136.9931	167.8419	199.1089	302.7873	5.336277	6.218547	44.07346	169.8933
4	104.5337	128.5921	152.1636	276.6437	4.917981	5.731092	40.61868	135.4935
5	84.68362	104.1040	122.6261	253.3141	4.540731	5.291471	37.50288	110.6651
6	71.30464	87.43762	102.4100	232.4629	4.200057	4.894471	34.68919	92.34384
7	61.69836	75.43346	87.79489	213.7977	3.892019	4.535504	32.14503	78.54836
8	54.48417	66.42783	76.80334	197.0644	3.613143	4.210521	29.84173	67.96663
9	48.87993	59.45705	68.28122	182.0407	3.360360	3.915943	27.75394	59.71026
10	44.40892	53.92383	61.50906	168.5328	3.130955	3.648610	25.85924	53.16519
11	40.76400	49.43847	56.01577	156.3708	2.922525	3.405720	24.13777	47.89875
12	37.73844	45.73627	51.48077	145.4061	2.732940	3.184790	22.57195	43.60065
13	35.18814	42.63142	47.67893	135.5080	2.560309	2.983617	21.14615	40.04472
14	33.00965	39.98989	44.44803	126.5618	2.402952	2.800243	19.84651	37.06359
15	31.12689	37.71274	41.66852	118.4665	2.259375	2.632927	18.66067	34.53181
16	29.48270	35.72561	39.25066	111.1333	2.128246	2.480118	17.57765	32.35421
17	28.03338	33.97170	37.12602	104.4836	2.008379	2.340434	16.58764	30.45788
18	26.74504	32.40717	35.24166	98.44818	1.898717	2.212640	15.68191	28.78648
19	25.59105	30.99785	33.55622	92.96569	1.798311	2.095634	14.85264	27.29631
20	24.53577	29.96456	32.35116	87.98184	1.706318	1.988431	14.09286	25.95325
21	23.56336	28.90382	31.16112	83.44858	1.621981	1.890150	13.39629	24.73070
22	22.67603	27.92394	30.07341	79.32318	1.544620	1.799999	12.75735	23.60792
23	21.86234	27.01341	29.07358	75.56782	1.473629	1.717271	12.17102	22.56876
24	21.11291	26.16334	28.14999	72.14878	1.408462	1.641329	11.63279	21.60077
25	20.42005	25.36685	27.29331	69.03616	1.348628	1.571603	11.13862	20.69444
26	19.77740	24.61872	26.49596	66.20331	1.293689	1.507581	10.68486	19.84253
27	19.17965	23.91497	25.75182	63.62653	1.243249	1.448801	10.26826	19.03963
28	18.62235	23.25253	25.05593	61.28471	1.196952	1.394849	9.885884	18.28177
29	18.10176	22.62904	24.40416	59.15910	1.154478	1.345353	9.535084	17.56602
30	17.61468	22.04264	23.79317	57.23299	1.115539	1.299977	9.213482	16.89029
31	17.15836	21.49179	23.22010	55.49153	1.079878	1.258419	8.918949	16.25308
32	16.73040	20.97520	22.68258	53.92156	1.047261	1.220409	8.649555	15.65330
33	16.32872	20.49168	22.17849	52.51141	1.017479	1.185704	8.403582	15.09008
34	15.95146	20.04013	21.70602	51.25076	.9903449	1.154083	8.179476	14.56278
35	15.59694	19.61949	21.26349	50.13055	.9656905	1.125352	7.975848	14.07070
36	15.26367	19.22867	20.84941	49.14281	.9433651	1.099336	7.791458	13.61320
37	14.95028	18.86658	20.46234	48.28064	.9232345	1.075877	7.625196	13.18955
38	14.65549	18.53210	20.10090	47.53806	.9051796	1.054837	7.476076	12.79885
39	14.37814	18.22404	19.76378	46.90999	.8890944	1.036092	7.343225	12.44014
40	14.11712	17.94118	19.44967	46.39217	.8748858	1.019535	7.225873	12.11220
41	13.87140	17.68217	19.15726	45.98110	.8624725	1.005069	7.123349	11.81359
42	13.63995	17.44558	18.88520	45.67406	.8517843	.9926136	7.035072	11.54275
43	13.42180	17.22981	18.63211	45.46899	.8427610	.9820984	6.960546	11.29772
44	13.21597	17.03308	18.39651	45.36453	.8353521	.9734647	6.899355	11.07632
45	13.02145	16.85328	18.17685	45.35999	.8295168	.9666644	6.851160	10.87601
46	12.83720	16.68799	17.97141	45.45535	.8252227	.9616606	6.815695	10.69389
47	12.66213	16.53439	17.77836	45.65122	.8224465	.9584252	6.792765	10.52660
48	12.49506	16.38913	17.59560	45.94893	.8211726	.9569407	6.782245	10.37036
49	12.49506	16.38913	17.59560	46.35043	.8213943	.9571992	6.784075	10.37036
50	12.49506	16.38913	17.59560	46.85841	.8231128	.9592018	6.798268	10.37036
51	12.49506	16.38913	17.59560	47.47629	.8263376	.9629596	6.824902	10.37036
52	12.49506	16.38913	17.59560	48.20827	.8310860	.9684933	6.864121	10.37036
53	12.49506	16.38913	17.59560	49.05934	.8373845	.9758331	6.916142	10.37036
54	12.49506	16.38913	17.59560	50.03539	.8452677	.9850197	6.981250	10.37036
55	12.49506	16.38913	17.59560	51.14325	.8547794	.9961038	7.059809	10.37036
56	14.61994	19.65590	21.19844	52.39077	.8659726	1.009148	7.152257	12.86784
57	16.74483	22.92268	24.80129	53.78693	.8789108	1.024225	7.259115	15.36532
58	18.86972	26.18946	28.40413	55.34192	.8936672	1.041421	7.380991	17.86281
59	20.99461	29.45625	32.00697	57.06725	.9103265	1.060835	7.518586	20.36029
60	23.11950	32.72302	35.60982	58.97599	.9289857	1.082579	7.672696	22.85778
61	25.24438	35.98980	39.21266	61.08281	.9497542	1.106781	7.844228	25.35526
62	27.36927	39.25658	42.81551	63.40424	.9727561	1.133586	8.034204	27.85274
63	29.49416	42.52336	46.41835	65.95881	.9981297	1.163155	8.243773	30.35023
64	31.61905	45.79014	50.02119	68.76746	1.026031	1.195670	8.474215	32.84771
65	33.74394	49.05692	53.62404	71.85359	1.056634	1.231332	8.726967	35.34520

Table B-21
Victoria 1993 NOX Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.397755	2.654607	2.731133	4.595104	2.854864	3.305471	34.20677	.8587984
4	2.212846	2.447909	2.529243	4.642654	2.734625	3.166253	32.76608	.8214276
5	2.099925	2.322826	2.408401	4.690205	2.623172	3.037209	31.43066	.7904159
6	2.023306	2.239152	2.328361	4.737755	2.519837	2.917564	30.19251	.7652757
7	1.967670	2.179591	2.271837	4.785306	2.424013	2.806614	29.04434	.7455366
8	1.925337	2.135442	2.230161	4.832856	2.335145	2.703721	27.97955	.7307454
9	1.892019	2.101829	2.198493	4.880407	2.252733	2.608301	26.99209	.7204659
10	1.865133	2.075785	2.173910	4.927957	2.176317	2.519824	26.07648	.7142793
11	1.843019	2.055393	2.154536	4.975507	2.105482	2.437807	25.22773	.7117833
12	1.824560	2.039346	2.139104	5.023057	2.039846	2.361812	24.44129	.7125935
13	1.808975	2.026715	2.126728	5.070609	1.979064	2.291437	23.71301	.7163422
14	1.795697	2.016817	2.116765	5.118159	1.922822	2.226318	23.03912	.7226785
15	1.784305	2.009132	2.108732	5.165709	1.870834	2.166123	22.41619	.7312693
16	1.774475	2.003257	2.102262	5.213260	1.822837	2.110551	21.84110	.7417981
17	1.765957	1.998870	2.097071	5.260811	1.778596	2.059326	21.31101	.7539656
18	1.758551	1.995708	2.092927	5.308361	1.737894	2.012201	20.82333	.7674898
19	1.752095	1.993557	2.089649	5.355911	1.700537	1.968947	20.37572	.7821057
20	1.752318	1.997917	2.093409	5.403462	1.666348	1.929361	19.96606	.7975655
21	1.761800	2.017345	2.112943	5.451012	1.635166	1.893257	19.59244	.8136382
22	1.770593	2.035498	2.131012	5.498563	1.606848	1.860470	19.25313	.8301102
23	1.778790	2.052503	2.147783	5.546113	1.581264	1.830848	18.94659	.8467849
24	1.786470	2.068464	2.163398	5.593663	1.558298	1.804257	18.67142	.8634830
25	1.793698	2.083466	2.177976	5.641214	1.537848	1.780580	18.42639	.8800423
26	1.800528	2.097580	2.191617	5.688765	1.519824	1.759710	18.21042	.8963169
27	1.807007	2.110869	2.204408	5.736315	1.504144	1.741556	18.02255	.9121795
28	1.813176	2.123385	2.216426	5.783866	1.490742	1.726039	17.86197	.9275187
29	1.819070	2.135175	2.227739	5.831416	1.479559	1.713090	17.72797	.9422406
30	1.824720	2.146283	2.238409	5.878967	1.470547	1.702655	17.61998	.9562686
31	1.830156	2.156750	2.248490	5.926517	1.463666	1.694689	17.53754	.9695427
32	1.835403	2.166615	2.258035	5.974067	1.458887	1.689156	17.48028	.9820210
33	1.840488	2.175917	2.267093	6.021618	1.456191	1.686034	17.44798	.9936773
34	1.845434	2.184695	2.275712	6.069167	1.455565	1.685309	17.44048	1.004504
35	1.850263	2.192987	2.283935	6.116719	1.457007	1.686978	17.45775	1.014509
36	1.854999	2.200835	2.291809	6.164269	1.460523	1.691049	17.49987	1.023719
37	1.859664	2.208281	2.299376	6.211820	1.466127	1.697538	17.56703	1.032177
38	1.864281	2.215369	2.306683	6.259370	1.473844	1.706474	17.65950	1.039943
39	1.868873	2.222147	2.313772	6.306921	1.483708	1.717894	17.77768	1.047094
40	1.873463	2.228663	2.320688	6.354471	1.495759	1.731848	17.92208	1.053724
41	1.878076	2.234970	2.327479	6.402021	1.510052	1.748396	18.09334	1.059945
42	1.882737	2.241123	2.334190	6.449572	1.526648	1.767611	18.29218	1.065885
43	1.887472	2.247181	2.340871	6.497122	1.545619	1.789576	18.51949	1.071691
44	1.892309	2.253205	2.347570	6.544673	1.567049	1.814389	18.77627	1.077525
45	1.897275	2.259261	2.354340	6.592223	1.591034	1.842160	19.06366	1.083566
46	1.902400	2.265418	2.361233	6.639773	1.617682	1.873014	19.38295	1.090013
47	1.907715	2.271748	2.368305	6.687324	1.647113	1.907091	19.73559	1.097079
48	1.913252	2.278327	2.375611	6.734876	1.679463	1.944547	20.12321	1.104995
49	1.991849	2.371482	2.476670	6.782425	1.714882	1.985556	20.54759	1.140976
50	2.070445	2.464638	2.577728	6.829975	1.753536	2.030311	21.01074	1.176957
51	2.149041	2.557793	2.678787	6.877526	1.795609	2.079025	21.51486	1.212939
52	2.227638	2.650948	2.779845	6.925076	1.841304	2.131933	22.06237	1.248920
53	2.306234	2.744103	2.880903	6.972627	1.890846	2.189293	22.65598	1.284902
54	2.384830	2.837258	2.981961	7.020178	1.944479	2.251393	23.29861	1.320883
55	2.463427	2.930413	3.083020	7.067728	2.002476	2.318543	23.99352	1.356864
56	2.542023	3.023568	3.184078	7.115278	2.065132	2.391089	24.74427	1.392846
57	2.620620	3.116723	3.285136	7.162829	2.132776	2.469409	25.55476	1.428827
58	2.699216	3.209879	3.386194	7.210379	2.205764	2.553919	26.42931	1.464809
59	2.777812	3.303034	3.487253	7.257930	2.284493	2.645073	27.37263	1.500790
60	2.856409	3.396189	3.588311	7.305480	2.369394	2.743375	28.38991	1.536771
61	2.935005	3.489344	3.689369	7.353031	2.460942	2.849373	29.48683	1.572753
62	3.013602	3.582499	3.790428	7.400581	2.559659	2.963672	30.66965	1.608734
63	3.092198	3.675654	3.891486	7.448132	2.666120	3.086936	31.94526	1.644716
64	3.170794	3.768809	3.992544	7.495682	2.780955	3.219896	33.32120	1.680697
65	3.249391	3.861964	4.093602	7.543233	2.904857	3.363355	34.80579	1.716678

Table B-22
Victoria 1993 EXHS Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	10.02519	12.06425	14.01525	15.92756	1.627791	2.348772	6.893975	14.75607
4	7.693929	9.385874	10.85230	14.53938	1.545433	2.229936	6.545174	12.15026
5	6.269191	7.702174	8.858585	13.29424	1.468533	2.118976	6.219490	10.22027
6	5.308239	6.547579	7.490000	12.17593	1.396688	2.015310	5.915215	8.763523
7	4.617286	5.710150	6.497322	11.17021	1.329528	1.918403	5.630780	7.644958
8	4.097487	5.077984	5.748335	10.26460	1.266711	1.827763	5.364740	6.772558
9	3.692950	4.585971	5.165868	9.448072	1.207925	1.742939	5.115770	6.082360
10	3.369631	4.193534	4.701748	8.710949	1.152881	1.663515	4.882649	5.529046
11	3.105601	3.874060	4.324361	8.044678	1.101314	1.589108	4.664254	5.079939
12	2.886094	3.609379	4.012135	7.441710	1.052979	1.519365	4.459550	4.711092
13	2.700806	3.386678	3.749879	6.895373	1.007653	1.453963	4.267584	4.404674
14	2.542337	3.196683	3.526613	6.399761	.9651264	1.392601	4.087477	4.147228
15	2.405234	3.032525	3.334220	5.949639	.9252084	1.335002	3.918418	3.928465
16	2.285399	2.889031	3.166595	5.540366	.8877224	1.280913	3.759658	3.740433
17	2.179696	2.762239	3.019068	5.167819	.8525049	1.230097	3.610506	3.576922
18	2.085685	2.649084	2.888017	4.828330	.8194054	1.182337	3.470324	3.433050
19	2.001450	2.547170	2.770609	4.518638	.7882844	1.137432	3.338521	3.304957
20	1.919706	2.465574	2.678645	4.235836	.7590132	1.095196	3.214551	3.189588
21	1.840776	2.374048	2.576138	3.977330	.7314721	1.055456	3.097911	3.084517
22	1.768780	2.289839	2.482378	3.740805	.7055510	1.018054	2.988131	2.987828
23	1.702791	2.211934	2.396146	3.524190	.6811476	.9828417	2.884778	2.898020
24	1.642047	2.139529	2.316456	3.325635	.6581671	.9496828	2.787452	2.813926
25	1.585917	2.071983	2.242508	3.143480	.6365221	.9184507	2.695781	2.734652
26	1.533878	2.008788	2.173655	2.976239	.6161306	.8890275	2.609420	2.659535
27	1.485489	1.949536	2.109363	2.822578	.5969176	.8613045	2.528049	2.588094
28	1.440383	1.893903	2.049199	2.681297	.5788128	.8351807	2.451372	2.519994
29	1.398246	1.841624	1.992804	2.551319	.5617511	.8105621	2.379114	2.455021
30	1.358811	1.792485	1.939879	2.431676	.5456725	.7873621	2.311018	2.393052
31	1.321849	1.746303	1.890173	2.321493	.5305208	.7654992	2.246847	2.334041
32	1.287161	1.702927	1.843471	2.219985	.5162437	.7448987	2.186382	2.277985
33	1.254572	1.662219	1.799587	2.126443	.5027932	.7254906	2.129416	2.224919
34	1.223930	1.624058	1.758359	2.040226	.4901243	.7072103	2.075761	2.174903
35	1.195098	1.588333	1.719639	1.960757	.4781953	.6899976	2.025239	2.127999
36	1.167953	1.554935	1.683293	1.887514	.4669672	.6737964	1.977687	2.084274
37	1.142384	1.523760	1.649195	1.820026	.4564043	.6585552	1.932951	2.043781
38	1.118288	1.494707	1.617227	1.757866	.4464731	.6442250	1.890891	2.006567
39	1.095572	1.467671	1.587275	1.700650	.4371424	.6307617	1.851374	1.972645
40	1.074147	1.442548	1.559225	1.648030	.4283837	.6181234	1.814279	1.942005
41	1.053931	1.419232	1.532967	1.599691	.4201699	.6062716	1.779492	1.914602
42	1.034842	1.397604	1.508388	1.555350	.4124765	.5951706	1.746909	1.890353
43	1.016805	1.377547	1.485373	1.514750	.4052804	.5847873	1.716432	1.869135
44	.9997436	1.358928	1.463804	1.477661	.3985604	.5750909	1.687972	1.850760
45	.9835808	1.341604	1.443554	1.443875	.3922970	.5660533	1.661445	1.834999
46	.9682400	1.325416	1.424492	1.413206	.3864719	.5576481	1.636775	1.821544
47	.9536406	1.310183	1.406471	1.385485	.3810684	.5498514	1.613891	1.810014
48	.9396991	1.295704	1.389338	1.360565	.3760715	.5426412	1.592727	1.799952
49	.9396991	1.295704	1.389338	1.338314	.3714666	.5359968	1.573225	1.799952
50	.9396991	1.295704	1.389338	1.318613	.3672413	.5298999	1.555330	1.799952
51	.9396991	1.295704	1.389338	1.301361	.3633836	.5243337	1.538992	1.799952
52	.9396991	1.295704	1.389338	1.286468	.3598830	.5192825	1.524167	1.799952
53	.9396991	1.295704	1.389338	1.273859	.3567300	.5147328	1.510813	1.799952
54	.9396991	1.295704	1.389338	1.263468	.3539158	.5106723	1.498895	1.799952
55	.9396991	1.295704	1.389338	1.255245	.3514330	.5070897	1.488379	1.799952
56	.9965037	1.380707	1.483460	1.249146	.3492748	.5039757	1.479239	1.928377
57	1.053308	1.465710	1.577582	1.245143	.3474355	.5013218	1.471449	2.056803
58	1.110113	1.550712	1.671704	1.243215	.3459101	.4991208	1.464989	2.185228
59	1.166917	1.635715	1.765826	1.243351	.3446947	.4973670	1.459842	2.313654
60	1.223722	1.720717	1.859947	1.245554	.3437859	.4960556	1.455993	2.442079
61	1.280527	1.805720	1.954069	1.249834	.3431814	.4951833	1.453432	2.570504
62	1.337331	1.890723	2.048191	1.256212	.3428795	.4947478	1.452154	2.698929
63	1.394136	1.975725	2.142313	1.264720	.3428795	.4947478	1.452154	2.827355
64	1.450940	2.060728	2.236434	1.275401	.3431814	.4951833	1.453432	2.955781
65	1.507745	2.145731	2.330556	1.288309	.3437859	.4960556	1.455993	3.084206

Table B-23
Victoria 1993 RNLS Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	5.006803	5.138330	6.139495	10.65858	.0000000	.0000000	.0000000	.0000000
4	3.041476	3.095441	3.646379	6.145395	.0000000	.0000000	.0000000	.0000000
5	2.090631	2.112356	2.457138	4.029013	.0000000	.0000000	.0000000	.0000000
6	1.551883	1.558073	1.792075	2.864563	.0000000	.0000000	.0000000	.0000000
7	1.213668	1.211679	1.379610	2.153535	.0000000	.0000000	.0000000	.0000000
8	1.084736	1.075482	1.218555	1.882933	.0000000	.0000000	.0000000	.0000000
9	.9891890	.9736320	1.099756	1.690355	.0000000	.0000000	.0000000	.0000000
10	.9070446	.8860228	.9989538	1.532491	.0000000	.0000000	.0000000	.0000000
11	.8346474	.8087710	.9112391	1.399875	.0000000	.0000000	.0000000	.0000000
12	.7695605	.7392871	.8333405	1.286194	.0000000	.0000000	.0000000	.0000000
13	.7100970	.6757786	.7629926	1.187078	.0000000	.0000000	.0000000	.0000000
14	.6550518	.6169653	.6985776	1.099407	.0000000	.0000000	.0000000	.0000000
15	.6035416	.5619079	.6389089	1.020891	.0000000	.0000000	.0000000	.0000000
16	.5549030	.5099022	.5830964	.9498143	.0000000	.0000000	.0000000	.0000000
17	.5086298	.4604098	.5304596	.8848637	.0000000	.0000000	.0000000	.0000000
18	.4643275	.4130118	.4804695	.8250180	.0000000	.0000000	.0000000	.0000000
19	.4216850	.3673774	.4327078	.7694715	.0000000	.0000000	.0000000	.0000000
20	.3899718	.3346112	.3975326	.7239187	.0000000	.0000000	.0000000	.0000000
21	.3737455	.3201836	.3800190	.6910074	.0000000	.0000000	.0000000	.0000000
22	.3585637	.3068658	.3639078	.6608012	.0000000	.0000000	.0000000	.0000000
23	.3442900	.2945129	.3490160	.6329472	.0000000	.0000000	.0000000	.0000000
24	.3308108	.2830044	.3351910	.6071513	.0000000	.0000000	.0000000	.0000000
25	.3180310	.2722390	.3223051	.5831667	.0000000	.0000000	.0000000	.0000000
26	.3058698	.2621309	.3102498	.5607844	.0000000	.0000000	.0000000	.0000000
27	.2942584	.2526070	.2989327	.5398260	.0000000	.0000000	.0000000	.0000000
28	.2831380	.2436049	.2882749	.5201396	.0000000	.0000000	.0000000	.0000000
29	.2724577	.2350704	.2782082	.5015930	.0000000	.0000000	.0000000	.0000000
30	.2621736	.2269569	.2686733	.4840726	.0000000	.0000000	.0000000	.0000000
31	.2522473	.2192236	.2596188	.4674789	.0000000	.0000000	.0000000	.0000000
32	.2426453	.2118349	.2509998	.4517250	.0000000	.0000000	.0000000	.0000000
33	.2333380	.2047594	.2427766	.4367347	.0000000	.0000000	.0000000	.0000000
34	.2242995	.1979695	.2349142	.4224406	.0000000	.0000000	.0000000	.0000000
35	.2155067	.1914407	.2273819	.4087828	.0000000	.0000000	.0000000	.0000000
36	.2069392	.1851513	.2201520	.3957086	.0000000	.0000000	.0000000	.0000000
37	.1985787	.1790819	.2132000	.3831705	.0000000	.0000000	.0000000	.0000000
38	.1904089	.1732150	.2065040	.3711262	.0000000	.0000000	.0000000	.0000000
39	.1824150	.1675351	.2000443	.3595378	.0000000	.0000000	.0000000	.0000000
40	.1745839	.1620282	.1938032	.3483709	.0000000	.0000000	.0000000	.0000000
41	.1669037	.1566817	.1877647	.3375950	.0000000	.0000000	.0000000	.0000000
42	.1593636	.1514840	.1819143	.3271818	.0000000	.0000000	.0000000	.0000000
43	.1519538	.1464247	.1762389	.3171061	.0000000	.0000000	.0000000	.0000000
44	.1446655	.1414946	.1707266	.3073451	.0000000	.0000000	.0000000	.0000000
45	.1374905	.1366848	.1653664	.2978776	.0000000	.0000000	.0000000	.0000000
46	.1304215	.1319877	.1601485	.2886845	.0000000	.0000000	.0000000	.0000000
47	.1234516	.1273959	.1550638	.2797484	.0000000	.0000000	.0000000	.0000000
48	.1168047	.1228685	.1499997	.2708033	.0000000	.0000000	.0000000	.0000000
49	.1124155	.1182300	.1442457	.2600825	.0000000	.0000000	.0000000	.0000000
50	.1082805	.1138606	.1388275	.2499941	.0000000	.0000000	.0000000	.0000000
51	.1043802	.1097396	.1337191	.2404892	.0000000	.0000000	.0000000	.0000000
52	.1006969	.1058484	.1288972	.2315236	.0000000	.0000000	.0000000	.0000000
53	.0972147	.1021699	.1243406	.2230569	.0000000	.0000000	.0000000	.0000000
54	.0939189	.0986888	.1200300	.2150529	.0000000	.0000000	.0000000	.0000000
55	.0907964	.0953910	.1159478	.2074781	.0000000	.0000000	.0000000	.0000000
56	.0878351	.0922637	.1120781	.2003025	.0000000	.0000000	.0000000	.0000000
57	.0850238	.0892952	.1084061	.1934982	.0000000	.0000000	.0000000	.0000000
58	.0823525	.0864748	.1049186	.1870401	.0000000	.0000000	.0000000	.0000000
59	.0798120	.0837927	.1016033	.1809050	.0000000	.0000000	.0000000	.0000000
60	.0773937	.0812399	.0984488	.1750715	.0000000	.0000000	.0000000	.0000000
61	.0750897	.0788081	.0954449	.1695202	.0000000	.0000000	.0000000	.0000000
62	.0728929	.0764897	.0925820	.1642331	.0000000	.0000000	.0000000	.0000000
63	.0707967	.0742775	.0898513	.1591935	.0000000	.0000000	.0000000	.0000000
64	.0687948	.0721652	.0872447	.1543863	.0000000	.0000000	.0000000	.0000000
65	.0668817	.0701467	.0847548	.1497973	.0000000	.0000000	.0000000	.0000000

Table B-24
Victoria 1993 RSTL, CC, and HTSK Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0871118	.0810613	.0697035	.1076784	.0000000	.0000000	.0000000	.6021678
--	.0115322	.0203062	.0222594	.0317492	.0000000	.0000000	.0000000	.0000000
--	.1776692	.1876299	.1861634	1.490820	.0000000	.0000000	.0000000	2.079406

Table B-25
Victoria 1993 Diurnal Emission Rates

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.2256284	.3024178	.3148556	.6911960	.0000000	.0000000	.0000000	2.588104

Table B-26
Victoria 1996 VOC Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	11.26200	13.39695	15.34813	18.17499	1.635669	2.342109	5.802175	14.01173
4	8.174508	9.817609	11.20669	14.61134	1.552912	2.223610	5.508612	11.75802
5	6.462798	7.801394	8.875531	12.50935	1.475640	2.112964	5.234508	10.08882
6	5.380340	6.512122	7.385690	11.03976	1.403448	2.009592	4.978421	8.828918
7	4.636350	5.619295	6.354462	9.909568	1.335963	1.912960	4.739031	7.861498
8	4.161618	5.036712	5.678154	9.105520	1.272842	1.822578	4.515124	7.106980
9	3.795602	4.584779	5.154459	8.409586	1.213771	1.737994	4.305584	6.510044
10	3.499184	4.217634	4.730291	7.789917	1.158461	1.658796	4.109383	6.031496
11	3.253460	3.912335	4.378730	7.235093	1.106644	1.584600	3.925574	5.643075
12	3.045769	3.653433	4.081662	6.736176	1.058076	1.515055	3.753290	5.324067
13	2.867314	3.430152	3.826454	6.285946	1.012530	1.449838	3.591726	5.059053
14	2.711794	3.234752	3.604040	5.878426	.9697976	1.388650	3.440142	4.836395
15	2.574583	3.061535	3.407752	5.508589	.9296863	1.331215	3.297857	4.647192
16	2.452206	2.906219	3.232580	5.172152	.8920188	1.277279	3.164239	4.484567
17	2.342008	2.765533	3.074693	4.865429	.8566310	1.226607	3.038709	4.343150
18	2.241922	2.636935	2.931117	4.585224	.8233713	1.178983	2.920728	4.218719
19	2.150322	2.518430	2.799512	4.328751	.7920997	1.134205	2.809798	4.107935
20	2.062025	2.422187	2.693456	4.098303	.7626867	1.092088	2.705462	4.008155
21	1.983225	2.335013	2.595105	3.894099	.7350124	1.052462	2.607294	3.917282
22	1.911185	2.255237	2.505325	3.707142	.7089658	1.015166	2.514899	3.833658
23	1.845013	2.181873	2.422971	3.535751	.6844444	.9800535	2.427915	3.755985
24	1.783972	2.114114	2.347099	3.378437	.6613526	.9469886	2.346003	3.683254
25	1.727445	2.051294	2.276928	3.233875	.6396028	.9158450	2.268849	3.614691
26	1.674917	1.992862	2.211803	3.100883	.6191126	.8865054	2.196165	3.549725
27	1.625950	1.938356	2.151178	2.978408	.5998066	.8588609	2.127681	3.487937
28	1.580171	1.887390	2.094588	2.865505	.5816143	.8328112	2.063148	3.429039
29	1.537263	1.839637	2.041641	2.761330	.5644701	.8082627	2.002333	3.372845
30	1.496950	1.794817	1.991999	2.665125	.5483136	.7851283	1.945021	3.319250
31	1.458995	1.752690	1.945372	2.576210	.5330884	.7633274	1.891013	3.268213
32	1.423191	1.713046	1.901507	2.493974	.5187423	.7427855	1.840124	3.219731
33	1.389354	1.675702	1.860184	2.417866	.5052267	.7234324	1.792180	3.173836
34	1.357324	1.640493	1.821208	2.347391	.4924965	.7052040	1.747022	3.130578
35	1.326959	1.607275	1.784406	2.282101	.4805097	.6880401	1.704502	3.090012
36	1.298131	1.575913	1.749622	2.221594	.4692273	.6718849	1.664480	3.052195
37	1.270724	1.546288	1.716716	2.165506	.4586133	.6566867	1.626829	3.017174
38	1.244636	1.518287	1.685560	2.113508	.4486339	.6423973	1.591430	2.984989
39	1.219772	1.491805	1.656035	2.065303	.4392582	.6289722	1.558171	2.955649
40	1.196046	1.466745	1.628034	2.020623	.4304570	.6163698	1.526951	2.929149
41	1.173379	1.443013	1.601453	1.979226	.4222035	.6045517	1.497673	2.905450
42	1.151698	1.420518	1.576198	1.940894	.4144728	.5934821	1.470250	2.884477
43	1.130933	1.399174	1.552174	1.905428	.4072419	.5831282	1.444600	2.866126
44	1.111020	1.378894	1.529295	1.872651	.4004894	.5734594	1.420648	2.850234
45	1.091899	1.359588	1.507473	1.842402	.3941956	.5644473	1.398322	2.836603
46	1.073509	1.341170	1.486624	1.814537	.3883424	.5560660	1.377558	2.824966
47	1.055792	1.323543	1.466661	1.788927	.3829128	.5482915	1.358298	2.814994
48	1.038860	1.306632	1.447486	1.765383	.3778915	.5411016	1.340487	2.806292
49	1.035887	1.303524	1.443904	1.743367	.3732646	.5344762	1.324073	2.806292
50	1.033085	1.300596	1.440530	1.723533	.3690187	.5283966	1.309012	2.806292
51	1.030441	1.297833	1.437347	1.705783	.3651424	.5228461	1.295262	2.806292
52	1.027943	1.295224	1.434342	1.690025	.3616248	.5178093	1.282784	2.806292
53	1.025580	1.292756	1.431500	1.676185	.3584565	.5132726	1.271545	2.806292
54	1.023344	1.290419	1.428812	1.664194	.3556287	.5092236	1.261514	2.806292
55	1.021224	1.288205	1.426264	1.653997	.3531339	.5056512	1.252664	2.806292
56	1.058947	1.343271	1.490605	1.645547	.3509653	.5025459	1.244972	2.917364
57	1.096772	1.398444	1.555068	1.638807	.3491171	.4998995	1.238415	3.028435
58	1.134692	1.453715	1.619645	1.633748	.3475843	.4977048	1.232978	3.139508
59	1.172699	1.509078	1.684329	1.630349	.3463630	.4959560	1.228646	3.250580
60	1.210789	1.564528	1.749113	1.628601	.3454497	.4946483	1.225407	3.361652
61	1.248957	1.620058	1.813990	1.628498	.3448423	.4937786	1.223252	3.472724
62	1.287196	1.675665	1.878955	1.630047	.3445390	.4933442	1.222176	3.583796
63	1.325504	1.731342	1.944001	1.633261	.3445390	.4933442	1.222176	3.694868
64	1.363875	1.787086	2.009125	1.638162	.3448423	.4937786	1.223252	3.805940
65	1.402307	1.842892	2.074322	1.644781	.3454497	.4946483	1.225407	3.917012

Table B-27
Victoria 1996 CO Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	103.7191	126.1636	146.9664	186.6694	5.375589	6.190707	40.70939	150.0722
4	79.81107	96.95020	112.5587	170.5518	4.954211	5.705435	37.51830	119.6857
5	65.32050	79.09911	91.49139	156.1690	4.574183	5.267781	34.64034	97.75404
6	55.60530	67.08221	77.28474	143.3141	4.230999	4.872559	32.04140	81.57027
7	48.64832	58.46555	67.08311	131.8070	3.920692	4.515199	29.69144	69.38428
8	43.42836	52.00298	59.42256	121.4908	3.639761	4.191670	27.56395	60.03710
9	39.37208	46.98858	53.47263	112.2287	3.385116	3.898412	25.63552	52.74399
10	36.13259	42.99225	48.72672	103.9010	3.154021	3.632275	23.88543	46.96251
11	33.48769	39.73705	44.85839	96.40315	2.944056	3.390472	22.29536	42.31050
12	31.28853	37.03669	41.64795	89.64334	2.753074	3.170532	20.84906	38.51385
13	29.43170	34.76141	38.94239	83.54111	2.579171	2.970259	19.53209	35.37278
14	27.84316	32.81806	36.63191	78.02576	2.420655	2.787706	18.33164	32.73946
15	26.46854	31.13821	34.63588	73.03502	2.276020	2.621140	17.23632	30.50306
16	25.26703	29.67044	32.89376	68.51406	2.143925	2.469015	16.23596	28.57951
17	24.20746	28.37548	31.35932	64.41451	2.023175	2.329956	15.32153	26.90442
18	23.26561	27.22291	29.99670	60.69364	1.912704	2.202734	14.48493	25.42802
19	22.42242	26.18887	28.77773	57.31367	1.811560	2.086252	13.71896	24.11171
20	21.53979	25.31159	27.78786	54.24110	1.718889	1.979530	13.01716	22.92534
21	20.61331	24.30451	26.70305	51.44632	1.633930	1.881688	12.37377	21.84542
22	19.76977	23.38416	25.71510	48.90301	1.555999	1.791941	11.78360	20.85363
23	18.99822	22.53889	24.81103	46.58781	1.484485	1.709583	11.24202	19.93570
24	18.28959	21.75923	23.98014	44.47997	1.418838	1.633981	10.74487	19.08065
25	17.63635	21.03741	23.21362	42.56103	1.358564	1.564567	10.28842	18.28007
26	17.03216	20.36705	22.50406	40.81456	1.303220	1.500831	9.869299	17.52754
27	16.47167	19.74286	21.84529	39.22596	1.252408	1.442315	9.484500	16.81832
28	15.95035	19.16041	21.23208	37.78224	1.205770	1.388604	9.131307	16.14887
29	15.46432	18.61600	20.66000	36.47179	1.162983	1.339330	8.807281	15.51663
30	15.01023	18.10645	20.12524	35.28433	1.123758	1.294157	8.510229	14.91974
31	14.58518	17.62905	19.62453	34.21072	1.087833	1.252785	8.238174	14.35687
32	14.18665	17.18143	19.15503	33.24282	1.054976	1.214946	7.989346	13.82706
33	13.81242	16.76151	18.71426	32.37346	1.024975	1.180395	7.762146	13.32955
34	13.46053	16.36742	18.30001	31.59627	.9976410	1.148916	7.555145	12.86377
35	13.12923	15.99748	17.91034	30.90565	.9728048	1.120314	7.367061	12.42910
36	12.81696	15.65018	17.54349	30.29670	.9503149	1.094414	7.196745	12.02497
37	12.52233	15.32411	17.19788	29.76517	.9300361	1.071060	7.043173	11.65075
38	12.24406	15.01797	16.87206	29.30737	.9118481	1.050115	6.905435	11.30564
39	11.98100	14.73052	16.56471	28.92016	.8956442	1.031454	6.782724	10.98878
40	11.73209	14.46062	16.27461	28.60092	.8813311	1.014970	6.674330	10.69909
41	11.49636	14.20716	16.00060	28.34750	.8688264	1.000569	6.579631	10.43533
42	11.27291	13.96904	15.74159	28.15821	.8580594	.9881698	6.498094	10.19608
43	11.06087	13.74520	15.49655	28.03178	.8489696	.9777016	6.429255	9.979636
44	10.85946	13.53455	15.26447	27.96739	.8415062	.9691066	6.372736	9.784068
45	10.66789	13.33596	15.04437	27.96459	.8356279	.9623369	6.328218	9.607126
46	10.48540	13.14824	14.83526	28.02338	.8313022	.9573553	6.295460	9.446256
47	10.31126	12.97009	14.63616	28.14413	.8285054	.9541343	6.274280	9.298480
48	10.14471	12.80011	14.44605	28.32767	.8272223	.9526566	6.264563	9.160467
49	10.14471	12.80011	14.44605	28.57520	.8274456	.9529140	6.266254	9.160467
50	10.14471	12.80011	14.44605	28.88837	.8291768	.9549075	6.279365	9.160467
51	10.14471	12.80011	14.44605	29.26929	.8324252	.9586486	6.303965	9.160467
52	10.14471	12.80011	14.44605	29.72056	.8372086	.9641574	6.340191	9.160467
53	10.14471	12.80011	14.44605	30.24525	.8435535	.9714644	6.388240	9.160467
54	10.14471	12.80011	14.44605	30.84699	.8514948	.9806098	6.448379	9.160467
55	10.14471	12.80011	14.44605	31.52999	.8610766	.9916444	6.520941	9.160467
56	11.57602	14.91852	16.89755	32.29909	.8723523	1.004630	6.606334	11.36657
57	13.00733	17.03692	19.34905	33.15983	.8853857	1.019640	6.705035	13.57268
58	14.43863	19.15532	21.80055	34.11848	.9002509	1.036759	6.817609	15.77879
59	15.86994	21.27373	24.25206	35.18216	.9170330	1.056086	6.944699	17.98490
60	17.30125	23.39213	26.70356	36.35890	.9358296	1.077733	7.087048	20.19101
61	18.73256	25.51053	29.15506	37.65776	.9567513	1.101827	7.245486	22.39711
62	20.16387	27.62893	31.60656	39.08892	.9799225	1.128511	7.420963	24.60322
63	21.59518	29.74733	34.05807	40.66383	1.005483	1.157948	7.614534	26.80933
64	23.02649	31.86573	36.50957	42.39536	1.033590	1.190317	7.827388	29.01543
65	24.45780	33.98414	38.96107	44.29798	1.064418	1.225819	8.060848	31.22154

Table B-28
Victoria 1996 NOX Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.336460	2.632239	2.909406	4.365463	2.804023	3.180156	28.05130	.9264835
4	2.144000	2.416481	2.673520	4.410637	2.685925	3.046216	26.86986	.8861674
5	2.027781	2.286391	2.531960	4.455812	2.576457	2.922064	25.77475	.8527116
6	1.949830	2.199424	2.437675	4.500985	2.474962	2.806955	24.75940	.8255899
7	1.893863	2.137316	2.370489	4.546159	2.380844	2.700212	23.81785	.8042951
8	1.851724	2.090911	2.320300	4.591333	2.293560	2.601219	22.94466	.7883381
9	1.818874	2.055099	2.281488	4.636508	2.212615	2.509417	22.13490	.7772484
10	1.792582	2.026799	2.250677	4.681682	2.137560	2.424294	21.38405	.7705742
11	1.771101	2.004033	2.225707	4.726856	2.067986	2.345386	20.68803	.7678816
12	1.753263	1.985472	2.205136	4.772030	2.003519	2.272272	20.04310	.7687557
13	1.738255	1.970182	2.187961	4.817204	1.943820	2.204565	19.44588	.7727997
14	1.725488	1.957487	2.173461	4.862379	1.888580	2.141915	18.89326	.7796354
15	1.714532	1.946885	2.161103	4.907553	1.837517	2.084002	18.38243	.7889032
16	1.705057	1.937990	2.150487	4.952726	1.790375	2.030537	17.91082	.8002619
17	1.696810	1.930502	2.141305	4.997901	1.746921	1.981254	17.47612	.8133884
18	1.689591	1.924181	2.133312	5.043075	1.706945	1.935915	17.07619	.8279786
19	1.683242	1.918836	2.126318	5.088249	1.670253	1.894302	16.70913	.8437463
20	1.684863	1.917136	2.123690	5.133423	1.636672	1.856216	16.37319	.8604246
21	1.695183	1.930127	2.137997	5.178597	1.606046	1.821482	16.06680	.8777639
22	1.704660	1.942165	2.151121	5.223771	1.578232	1.789937	15.78855	.8955341
23	1.713402	1.953358	2.163210	5.268946	1.553103	1.761437	15.53717	.9135231
24	1.721499	1.963794	2.174388	5.314119	1.530547	1.735855	15.31152	.9315372
25	1.729028	1.973548	2.184758	5.359294	1.510461	1.713075	15.11058	.9494014
26	1.736050	1.982680	2.194409	5.404468	1.492758	1.692997	14.93347	.9669590
27	1.742620	1.991243	2.203414	5.449642	1.477358	1.675531	14.77941	.9840716
28	1.748784	1.999283	2.211841	5.494816	1.464194	1.660602	14.64773	1.000620
29	1.754583	2.006840	2.219745	5.539990	1.453210	1.648145	14.53784	1.016502
30	1.760053	2.013949	2.227179	5.585165	1.444358	1.638105	14.44929	1.031636
31	1.765224	2.020644	2.234185	5.630339	1.437600	1.630440	14.38168	1.045956
32	1.770126	2.026954	2.240806	5.675512	1.432907	1.625118	14.33473	1.059417
33	1.774784	2.032907	2.247077	5.720687	1.430258	1.622114	14.30823	1.071993
34	1.779221	2.038531	2.253033	5.765861	1.429644	1.621417	14.30208	1.083672
35	1.783459	2.043853	2.258706	5.811034	1.431060	1.623023	14.31625	1.094467
36	1.787520	2.048897	2.264125	5.856209	1.434513	1.626939	14.35079	1.104402
37	1.791423	2.053691	2.269320	5.901384	1.440017	1.633182	14.40586	1.113526
38	1.795186	2.058261	2.274315	5.946558	1.447597	1.641779	14.48169	1.121904
39	1.798829	2.062633	2.279139	5.991731	1.457285	1.652766	14.57861	1.129619
40	1.802368	2.066836	2.283816	6.036905	1.469122	1.666191	14.69703	1.136772
41	1.805823	2.070897	2.288372	6.082080	1.483160	1.682112	14.83746	1.143483
42	1.809211	2.074846	2.292831	6.127254	1.499460	1.700598	15.00052	1.149892
43	1.812549	2.078714	2.297219	6.172428	1.518093	1.721731	15.18693	1.156155
44	1.815856	2.082534	2.301559	6.217602	1.539142	1.745603	15.39750	1.162449
45	1.819151	2.086336	2.305878	6.262776	1.562700	1.772321	15.63317	1.168966
46	1.822451	2.090158	2.310199	6.307951	1.588873	1.802006	15.89501	1.175921
47	1.825776	2.094035	2.314549	6.353124	1.617780	1.834790	16.18420	1.183543
48	1.829145	2.098004	2.318954	6.398299	1.649554	1.870826	16.50206	1.192083
49	1.897419	2.182359	2.414254	6.443473	1.684342	1.910281	16.85008	1.230901
50	1.965692	2.266713	2.509555	6.488647	1.722308	1.953339	17.22988	1.269718
51	2.033966	2.351067	2.604856	6.533821	1.763632	2.000206	17.64328	1.308535
52	2.102240	2.435421	2.700156	6.578995	1.808513	2.051108	18.09228	1.347352
53	2.170514	2.519776	2.795457	6.624169	1.857172	2.106295	18.57906	1.386169
54	2.238787	2.604130	2.890758	6.669344	1.909851	2.166039	19.10605	1.424986
55	2.307061	2.688484	2.986058	6.714517	1.966814	2.230644	19.67591	1.463804
56	2.375335	2.772839	3.081359	6.759692	2.028355	2.300439	20.29156	1.502621
57	2.443608	2.857193	3.176660	6.804866	2.094794	2.375790	20.95621	1.541438
58	2.511882	2.941547	3.271960	6.850039	2.166483	2.457096	21.67339	1.580256
59	2.580155	3.025902	3.367261	6.895214	2.243809	2.544795	22.44696	1.619073
60	2.648429	3.110256	3.462562	6.940389	2.327198	2.639370	23.28118	1.657890
61	2.716703	3.194610	3.557862	6.985562	2.417116	2.741349	24.18071	1.696707
62	2.784977	3.278965	3.653163	7.030736	2.514075	2.851315	25.15068	1.735524
63	2.853250	3.363319	3.748464	7.075910	2.618640	2.969906	26.19675	1.774342
64	2.921524	3.447673	3.843765	7.121085	2.731430	3.097825	27.32508	1.813159
65	2.989797	3.532028	3.939065	7.166259	2.853125	3.235846	28.54253	1.851976

Table B-29
Victoria 1996 EXHS Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	7.767934	9.523235	11.07533	11.39902	1.635669	2.342109	5.802175	12.76218
4	5.990693	7.373040	8.551884	10.40553	1.552912	2.223610	5.508612	10.50847
5	4.913518	6.054901	7.004745	9.514408	1.475640	2.112964	5.234508	8.839266
6	4.190907	5.164586	5.959756	8.714056	1.403448	2.009592	4.978421	7.579362
7	3.673005	4.524196	5.208160	7.994287	1.335963	1.912960	4.739031	6.611941
8	3.284041	4.042566	4.642949	7.346155	1.272842	1.822578	4.515124	5.857424
9	2.981497	3.667962	4.203387	6.761787	1.213771	1.737994	4.305584	5.260488
10	2.739655	3.368791	3.852392	6.234243	1.158461	1.658796	4.109383	4.781940
11	2.542034	3.124661	3.566031	5.757407	1.106644	1.584600	3.925574	4.393518
12	2.377592	2.921825	3.328182	5.325875	1.058076	1.515055	3.753290	4.074511
13	2.238652	2.750684	3.127595	4.934874	1.012530	1.449838	3.591726	3.809497
14	2.119715	2.604339	2.956188	4.580175	.9697976	1.388650	3.440142	3.586839
15	2.016739	2.477710	2.808016	4.258032	.9296863	1.331215	3.297857	3.397636
16	1.926691	2.366978	2.678610	3.965124	.8920188	1.277279	3.164239	3.235011
17	1.847250	2.269223	2.564555	3.698499	.8566310	1.226607	3.038709	3.093594
18	1.776614	2.182182	2.463199	3.455534	.8233713	1.178983	2.920728	2.969162
19	1.713361	2.104075	2.372456	3.233894	.7920997	1.134205	2.809798	2.858378
20	1.646221	2.035806	2.295128	3.031498	.7626867	1.092088	2.705462	2.758599
21	1.578397	1.958602	2.208047	2.846491	.7350124	1.052462	2.607294	2.667726
22	1.516639	1.888068	2.128683	2.677215	.7089658	1.015166	2.514899	2.584102
23	1.460145	1.823313	2.056001	2.522189	.6844444	.9800535	2.427915	2.506428
24	1.408255	1.763607	1.989152	2.380087	.6613526	.9469886	2.346003	2.433698
25	1.360416	1.708353	1.927431	2.249723	.6396028	.9158450	2.268849	2.365135
26	1.316164	1.657053	1.870251	2.130032	.6191126	.8865054	2.196165	2.300169
27	1.275108	1.609297	1.817121	2.020060	.5998066	.8588609	2.127681	2.238380
28	1.236915	1.564738	1.767624	1.918948	.5816143	.8328112	2.063148	2.179483
29	1.201300	1.523084	1.721411	1.825926	.5644701	.8082627	2.002333	2.123289
30	1.168017	1.484088	1.678178	1.740299	.5483136	.7851283	1.945021	2.069693
31	1.136854	1.447534	1.637667	1.661444	.5330884	.7633274	1.891013	2.018657
32	1.107627	1.413237	1.599654	1.588797	.5187423	.7427855	1.840124	1.970175
33	1.080171	1.381034	1.563941	1.521851	.5052267	.7234324	1.792180	1.924279
34	1.054345	1.350779	1.530356	1.460147	.4924965	.7052040	1.747022	1.881021
35	1.030019	1.322343	1.498744	1.403273	.4805097	.6880401	1.704502	1.840455
36	1.007081	1.295606	1.468965	1.350854	.4692273	.6718849	1.664480	1.802639
37	.9854270	1.270461	1.440895	1.302554	.4586133	.6566867	1.626829	1.767618
38	.9649650	1.246807	1.414419	1.258068	.4486339	.6423973	1.591430	1.735432
39	.9456103	1.224549	1.389430	1.217119	.4392582	.6289722	1.558171	1.706093
40	.9272856	1.203599	1.365832	1.179460	.4304570	.6163698	1.526951	1.679593
41	.9099197	1.183873	1.343531	1.144865	.4222035	.6045517	1.497673	1.655894
42	.8934461	1.165286	1.322440	1.113131	.4144728	.5934821	1.470250	1.634921
43	.8778030	1.147759	1.302474	1.084075	.4072419	.5831282	1.444600	1.616570
44	.8629313	1.131209	1.283555	1.057531	.4004894	.5734594	1.420648	1.600678
45	.8487754	1.115557	1.265599	1.033351	.3941956	.5644473	1.398322	1.587047
46	.8352807	1.100717	1.248530	1.011402	.3883424	.5560660	1.377558	1.575410
47	.8223939	1.086600	1.232265	.9915627	.3829128	.5482915	1.358298	1.565438
48	.8100624	1.073112	1.216724	.9737282	.3778915	.5411016	1.340487	1.556735
49	.8100624	1.073112	1.216724	.9578031	.3732646	.5344762	1.324073	1.556735
50	.8100624	1.073112	1.216724	.9437037	.3690187	.5283966	1.309012	1.556735
51	.8100624	1.073112	1.216724	.9313567	.3651424	.5228461	1.295262	1.556735
52	.8100624	1.073112	1.216724	.9206982	.3616248	.5178093	1.282784	1.556735
53	.8100624	1.073112	1.216724	.9116738	.3584565	.5132726	1.271545	1.556735
54	.8100624	1.073112	1.216724	.9042377	.3556287	.5092236	1.261514	1.556735
55	.8100624	1.073112	1.216724	.8983521	.3531339	.5056512	1.252664	1.556735
56	.8497973	1.130279	1.283481	.8939878	.3509653	.5025459	1.244972	1.667808
57	.8895323	1.187446	1.350237	.8911228	.3491171	.4998995	1.238415	1.778880
58	.9292673	1.244613	1.416994	.8897426	.3475843	.4977048	1.232978	1.889952
59	.9690022	1.301779	1.483750	.8898405	.3463630	.4959560	1.228646	2.001024
60	1.008737	1.358946	1.550507	.8914168	.3454497	.4946483	1.225407	2.112096
61	1.048472	1.416113	1.617263	.8944797	.3448423	.4937786	1.223252	2.223168
62	1.088207	1.473279	1.684020	.8990442	.3445390	.4933442	1.222176	2.334239
63	1.127942	1.530446	1.750776	.9051333	.3445390	.4933442	1.222176	2.445312
64	1.167677	1.587613	1.817533	.9127774	.3448423	.4937786	1.223252	2.556384
65	1.207412	1.644779	1.884289	.9220156	.3454497	.4946483	1.225407	2.667456

Table B-30
Victoria 1996 RNLS Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	3.345714	3.723858	4.137181	6.140280	.0000000	.0000000	.0000000	.0000000
4	2.035461	2.294716	2.519184	3.570126	.0000000	.0000000	.0000000	.0000000
5	1.400927	1.596641	1.735165	2.359256	.0000000	.0000000	.0000000	.0000000
6	1.041081	1.197682	1.290311	1.690021	.0000000	.0000000	.0000000	.0000000
7	.8149918	.9452450	1.010679	1.279593	.0000000	.0000000	.0000000	.0000000
8	.7292255	.8442920	.8995826	1.123675	.0000000	.0000000	.0000000	.0000000
9	.6657520	.7669629	.8154489	1.012112	.0000000	.0000000	.0000000	.0000000
10	.6111770	.6989896	.7422770	.9199864	.0000000	.0000000	.0000000	.0000000
11	.5630738	.6378207	.6770777	.8419982	.0000000	.0000000	.0000000	.0000000
12	.5198243	.5817552	.6178575	.7746129	.0000000	.0000000	.0000000	.0000000
13	.4803085	.5296150	.5632369	.7153836	.0000000	.0000000	.0000000	.0000000
14	.4437264	.4805594	.5122303	.6625626	.0000000	.0000000	.0000000	.0000000
15	.4094912	.4339713	.4641147	.6148685	.0000000	.0000000	.0000000	.0000000
16	.3771629	.3893882	.4183482	.5713396	.0000000	.0000000	.0000000	.0000000
17	.3464050	.3464561	.3745161	.5312411	.0000000	.0000000	.0000000	.0000000
18	.3169557	.3048998	.3322962	.4940012	.0000000	.0000000	.0000000	.0000000
19	.2886085	.2645023	.2914339	.4591685	.0000000	.0000000	.0000000	.0000000
20	.2674509	.2365285	.2627054	.4311166	.0000000	.0000000	.0000000	.0000000
21	.2564756	.2265574	.2514358	.4119202	.0000000	.0000000	.0000000	.0000000
22	.2461937	.2173153	.2410205	.3942384	.0000000	.0000000	.0000000	.0000000
23	.2365148	.2087072	.2313480	.3778738	.0000000	.0000000	.0000000	.0000000
24	.2273635	.2006537	.2223254	.3626617	.0000000	.0000000	.0000000	.0000000
25	.2186765	.1930885	.2138748	.3484638	.0000000	.0000000	.0000000	.0000000
26	.2104002	.1859550	.2059301	.3351631	.0000000	.0000000	.0000000	.0000000
27	.2024890	.1792054	.1984352	.3226599	.0000000	.0000000	.0000000	.0000000
28	.1949038	.1727986	.1913418	.3108686	.0000000	.0000000	.0000000	.0000000
29	.1876108	.1666990	.1846085	.2997158	.0000000	.0000000	.0000000	.0000000
30	.1805809	.1608759	.1781991	.2891375	.0000000	.0000000	.0000000	.0000000
31	.1737885	.1553026	.1720825	.2790782	.0000000	.0000000	.0000000	.0000000
32	.1672114	.1499557	.1662309	.2694891	.0000000	.0000000	.0000000	.0000000
33	.1608300	.1448146	.1606206	.2603276	.0000000	.0000000	.0000000	.0000000
34	.1546271	.1398610	.1552300	.2515559	.0000000	.0000000	.0000000	.0000000
35	.1485874	.1350791	.1500405	.2431406	.0000000	.0000000	.0000000	.0000000
36	.1426972	.1304544	.1450352	.2350520	.0000000	.0000000	.0000000	.0000000
37	.1369444	.1259741	.1401992	.2272636	.0000000	.0000000	.0000000	.0000000
38	.1313183	.1216270	.1355191	.2197517	.0000000	.0000000	.0000000	.0000000
39	.1258089	.1174027	.1309830	.2124951	.0000000	.0000000	.0000000	.0000000
40	.1204077	.1132921	.1265801	.2054746	.0000000	.0000000	.0000000	.0000000
41	.1151066	.1092868	.1223005	.1986728	.0000000	.0000000	.0000000	.0000000
42	.1098986	.1053793	.1181355	.1920743	.0000000	.0000000	.0000000	.0000000
43	.1047771	.1015627	.1140771	.1856648	.0000000	.0000000	.0000000	.0000000
44	.0997362	.0978310	.1101181	.1794314	.0000000	.0000000	.0000000	.0000000
45	.0947706	.0941784	.1062517	.1733624	.0000000	.0000000	.0000000	.0000000
46	.0898753	.0905997	.1024721	.1674471	.0000000	.0000000	.0000000	.0000000
47	.0850459	.0870903	.0987735	.1616756	.0000000	.0000000	.0000000	.0000000
48	.0804451	.0836662	.0951397	.1559668	.0000000	.0000000	.0000000	.0000000
49	.0774718	.0805588	.0915578	.1498753	.0000000	.0000000	.0000000	.0000000
50	.0746697	.0776306	.0881835	.1441415	.0000000	.0000000	.0000000	.0000000
51	.0720256	.0748678	.0850008	.1387377	.0000000	.0000000	.0000000	.0000000
52	.0695277	.0722581	.0819954	.1336390	.0000000	.0000000	.0000000	.0000000
53	.0671653	.0697901	.0791541	.1288227	.0000000	.0000000	.0000000	.0000000
54	.0649286	.0674538	.0764652	.1242681	.0000000	.0000000	.0000000	.0000000
55	.0628086	.0652396	.0739176	.1199567	.0000000	.0000000	.0000000	.0000000
56	.0607973	.0631392	.0715017	.1158711	.0000000	.0000000	.0000000	.0000000
57	.0588873	.0611447	.0692083	.1119960	.0000000	.0000000	.0000000	.0000000
58	.0570717	.0592491	.0670292	.1083169	.0000000	.0000000	.0000000	.0000000
59	.0553443	.0574457	.0649568	.1048208	.0000000	.0000000	.0000000	.0000000
60	.0536994	.0557287	.0629842	.1014956	.0000000	.0000000	.0000000	.0000000
61	.0521318	.0540925	.0611049	.0983303	.0000000	.0000000	.0000000	.0000000
62	.0506365	.0525319	.0593132	.0953148	.0000000	.0000000	.0000000	.0000000
63	.0492091	.0510424	.0576035	.0924397	.0000000	.0000000	.0000000	.0000000
64	.0478456	.0496196	.0559709	.0896964	.0000000	.0000000	.0000000	.0000000
65	.0465420	.0482596	.0544107	.0870768	.0000000	.0000000	.0000000	.0000000

Table B-31
Victoria 1996 RSTL, CC, and HTSK Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0590681	.0562258	.0482498	.0720339	.0000000	.0000000	.0000000	.4460661
--	.0092640	.0139192	.0149097	.0202444	.0000000	.0000000	.0000000	.0000000
--	.0800206	.0797081	.0724626	.5434100	.0000000	.0000000	.0000000	.8034901

Table B-32
Victoria 1996 VOC Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	17.27533	18.39563	20.89325	31.07917	1.635669	2.342109	5.802175	16.54807
4	11.96619	12.82754	14.46606	23.20181	1.552912	2.223610	5.508612	14.33800
5	9.163350	9.867539	11.06389	19.00228	1.475640	2.112964	5.234508	12.70113
6	7.454260	8.053065	8.985210	16.32700	1.403448	2.009592	4.978421	11.46562
7	6.312113	6.836318	7.594670	14.42330	1.335963	1.912960	4.739031	10.51694
8	5.673630	6.116086	6.772393	13.26823	1.272842	1.822578	4.515124	9.777033
9	5.183097	5.567111	6.146590	12.30174	1.213771	1.737994	4.305584	9.191657
10	4.778741	5.123716	5.641932	11.45080	1.158461	1.658796	4.109383	8.722377
11	4.437147	4.757324	5.225599	10.69461	1.106644	1.584600	3.925574	8.341478
12	4.142636	4.448695	4.875546	10.01779	1.058076	1.515055	3.753290	8.028648
13	3.884319	4.184409	4.576426	9.408490	1.012530	1.449838	3.591726	7.768767
14	3.654398	3.954827	4.317226	8.857342	.9697976	1.388650	3.440142	7.550420
15	3.447145	3.752854	4.089859	8.356726	.9296863	1.331215	3.297857	7.364881
16	3.258260	3.573161	3.888244	7.900341	.8920188	1.277279	3.164239	7.205406
17	3.084458	3.411670	3.707735	7.482903	.8566310	1.226607	3.038709	7.066729
18	2.923181	3.265219	3.544724	7.099928	.8233713	1.178983	2.920728	6.944707
19	2.772416	3.131325	3.396368	6.747571	.7920997	1.134205	2.809798	6.836068
20	2.641742	3.020174	3.274819	6.438575	.7626867	1.092088	2.705462	6.738220
21	2.544533	2.914244	3.157104	6.178085	.7350124	1.052462	2.607294	6.649108
22	2.455334	2.817200	3.049618	5.939503	.7089658	1.015166	2.514899	6.567103
23	2.373089	2.727857	2.950998	5.720620	.6844444	.9800535	2.427915	6.490933
24	2.296925	2.645247	2.860124	5.519497	.6613526	.9469886	2.346003	6.419612
25	2.226112	2.568573	2.776060	5.334417	.6396028	.9158450	2.268849	6.352378
26	2.160039	2.497173	2.698026	5.163859	.6191126	.8865054	2.196165	6.288669
27	2.098189	2.430497	2.625363	5.006474	.5998066	.8588609	2.127681	6.228077
28	2.040119	2.368085	2.557515	4.861062	.5816143	.8328112	2.063148	6.170320
29	1.985454	2.309546	2.494007	4.726546	.5644701	.8082627	2.002333	6.115215
30	1.933868	2.254545	2.434431	4.601973	.5483136	.7851283	1.945021	6.062657
31	1.885080	2.202798	2.378437	4.486481	.5330884	.7633274	1.891013	6.012609
32	1.838843	2.154054	2.325718	4.379302	.5187423	.7427855	1.840124	5.965066
33	1.794941	2.108093	2.276005	4.279745	.5052267	.7234324	1.792180	5.920059
34	1.753185	2.064721	2.229064	4.187190	.4924965	.7052040	1.747022	5.877639
35	1.713404	2.023764	2.184682	4.101076	.4805097	.6880401	1.704502	5.837858
36	1.675448	1.985061	2.142673	4.020900	.4692273	.6718849	1.664480	5.800775
37	1.639179	1.948467	2.102867	3.946208	.4586133	.6566867	1.626829	5.766431
38	1.604476	1.913847	2.065110	3.876592	.4486339	.6423973	1.591430	5.734870
39	1.571225	1.881076	2.029260	3.811678	.4392582	.6289722	1.558171	5.706099
40	1.539326	1.850034	1.995188	3.751136	.4304570	.6163698	1.526951	5.680112
41	1.508683	1.820608	1.962773	3.694661	.4222035	.6045517	1.497673	5.656872
42	1.479210	1.792688	1.931901	3.641982	.4144728	.5934821	1.470250	5.636304
43	1.450825	1.766167	1.902466	3.592853	.4072419	.5831282	1.444600	5.618309
44	1.423450	1.740938	1.874366	3.547051	.4004894	.5734594	1.420648	5.602725
45	1.397014	1.716893	1.847500	3.504375	.3941956	.5644473	1.398322	5.589357
46	1.371444	1.693922	1.821773	3.464647	.3883424	.5560660	1.377558	5.577947
47	1.346673	1.671907	1.797088	3.427703	.3829128	.5482915	1.358298	5.568167
48	1.323009	1.650629	1.773177	3.393167	.3778915	.5411016	1.340487	5.559633
49	1.315663	1.642929	1.764225	3.359410	.3732646	.5344762	1.324073	5.559633
50	1.308746	1.635680	1.755800	3.328656	.3690187	.5283966	1.309012	5.559633
51	1.302226	1.628848	1.747858	3.300753	.3651424	.5228461	1.295262	5.559633
52	1.296072	1.622400	1.740366	3.275562	.3616248	.5178093	1.282784	5.559633
53	1.290259	1.616308	1.733288	3.252962	.3584565	.5132726	1.271545	5.559633
54	1.284760	1.610547	1.726595	3.232848	.3556287	.5092236	1.261514	5.559633
55	1.279554	1.605092	1.720259	3.215129	.3531339	.5056512	1.252664	5.559633
56	1.315941	1.662153	1.784693	3.199726	.3509653	.5025459	1.244972	5.668555
57	1.352582	1.719481	1.849436	3.186576	.3491171	.4998995	1.238415	5.777475
58	1.389458	1.777055	1.914467	3.175624	.3475843	.4977048	1.232978	5.886396
59	1.426555	1.834860	1.979767	3.166829	.3463630	.4959560	1.228646	5.995317
60	1.463858	1.892882	2.045318	3.160161	.3454497	.4946483	1.225407	6.104239
61	1.501353	1.951105	2.111104	3.155600	.3448423	.4937786	1.223252	6.213160
62	1.539028	2.009517	2.177110	3.153136	.3445390	.4933442	1.222176	6.322080
63	1.576873	2.068106	2.243323	3.152774	.3445390	.4933442	1.222176	6.431001
64	1.614876	2.126862	2.309729	3.154524	.3448423	.4937786	1.223252	6.539922
65	1.653028	2.185774	2.376317	3.158411	.3454497	.4946483	1.225407	6.648844

Table B-33
Victoria 1996 CO Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	112.3755	144.7461	165.2158	262.1096	5.375589	6.190707	40.70939	198.7290
4	86.38644	111.1640	126.3434	239.4783	4.954211	5.705435	37.51830	158.4905
5	70.57805	90.51231	102.4726	219.2829	4.574183	5.267781	34.64034	129.4481
6	59.95893	76.56605	86.35039	201.2328	4.230999	4.872559	32.04140	108.0172
7	52.34869	66.55524	74.76572	185.0753	3.920692	4.515199	29.69144	91.88026
8	46.63836	59.04906	66.06608	170.5899	3.639761	4.191670	27.56395	79.50249
9	42.20294	53.23128	59.31108	157.5847	3.385116	3.898412	25.63552	69.84480
10	38.66315	48.60191	53.92574	145.8914	3.154021	3.632275	23.88543	62.18884
11	35.77549	44.83771	49.53887	135.3634	2.944056	3.390472	22.29536	56.02852
12	33.37655	41.72062	45.90039	125.8717	2.753074	3.170532	20.84906	51.00092
13	31.35267	39.09839	42.83598	117.3033	2.579171	2.970259	19.53209	46.84144
14	29.62241	36.86159	40.22048	109.5590	2.420655	2.787706	18.33164	43.35434
15	28.12593	34.92970	37.96196	102.5513	2.276020	2.621140	17.23632	40.39285
16	26.81831	33.24223	35.99141	96.20322	2.143925	2.469015	16.23596	37.84565
17	25.66523	31.75302	34.25613	90.44688	2.023175	2.329956	15.32153	35.62745
18	24.64007	30.42632	32.71529	85.22227	1.912704	2.202734	14.48493	33.67236
19	23.72187	29.23420	31.33680	80.47632	1.811560	2.086252	13.71896	31.92927
20	22.77547	28.25591	30.25832	76.16202	1.718889	1.979530	13.01716	30.35826
21	21.79488	27.15030	29.08677	72.23775	1.633930	1.881688	12.37377	28.92820
22	20.90128	26.13685	28.01931	68.66659	1.555999	1.791941	11.78360	27.61485
23	20.08312	25.20302	27.04193	65.41573	1.484485	1.709583	11.24202	26.39931
24	19.33089	24.33873	26.14312	62.45602	1.418838	1.633981	10.74487	25.26703
25	18.63669	23.53584	25.31338	59.76157	1.358564	1.564567	10.28842	24.20688
26	17.99394	22.78779	24.54481	57.30929	1.303220	1.500831	9.869299	23.21037
27	17.39710	22.08923	23.83080	55.07868	1.252408	1.442315	9.484500	22.27120
28	16.84149	21.43576	23.16582	53.05148	1.205770	1.388604	9.131307	21.38471
29	16.32312	20.82375	22.54516	51.21143	1.162983	1.339330	8.807281	20.54748
30	15.83858	20.25015	21.96481	49.54408	1.123758	1.294157	8.510229	19.75706
31	15.38491	19.71235	21.42132	48.03658	1.087833	1.252785	8.238174	19.01169
32	14.95953	19.20810	20.91170	46.67753	1.054976	1.214946	7.989346	18.31010
33	14.56017	18.73539	20.43334	45.45681	1.024975	1.180395	7.762146	17.65130
34	14.18484	18.29242	19.98394	44.36553	.9976410	1.148916	7.555145	17.03450
35	13.83175	17.87756	19.56143	43.39581	.9728048	1.120314	7.367061	16.45890
36	13.49928	17.48926	19.16396	42.54077	.9503149	1.094414	7.196745	15.92375
37	13.18601	17.12612	18.78987	41.79442	.9300361	1.071060	7.043173	15.42819
38	12.89060	16.78674	18.43761	41.15160	.9118481	1.050115	6.905435	14.97118
39	12.61185	16.46984	18.10575	40.60791	.8956442	1.031454	6.782724	14.55159
40	12.34863	16.17412	17.79299	40.15965	.8813311	1.014970	6.674330	14.16799
41	12.09991	15.89832	17.49805	39.80382	.8688264	1.000569	6.579631	13.81870
42	11.86471	15.64116	17.21976	39.53802	.8580594	.9881698	6.498094	13.50188
43	11.64208	15.40134	16.95696	39.36050	.8489696	.9777016	6.429255	13.21526
44	11.43113	15.17746	16.70851	39.27008	.8415062	.9691066	6.372736	12.95629
45	11.23097	14.96804	16.47331	39.26614	.8356279	.9623369	6.328218	12.72198
46	11.04070	14.77143	16.25020	39.34869	.8313022	.9573553	6.295460	12.50895
47	10.85942	14.58579	16.03805	39.51826	.8285054	.9541343	6.274280	12.31326
48	10.68619	14.40906	15.83562	39.77596	.8272223	.9526566	6.264563	12.13050
49	10.68619	14.40906	15.83562	40.12352	.8274456	.9529140	6.266254	12.13050
50	10.68619	14.40906	15.83562	40.56327	.8291768	.9549075	6.279365	12.13050
51	10.68619	14.40906	15.83562	41.09814	.8324252	.9586486	6.303965	12.13050
52	10.68619	14.40906	15.83562	41.73177	.8372086	.9641574	6.340191	12.13050
53	10.68619	14.40906	15.83562	42.46851	.8435535	.9714644	6.388240	12.13050
54	10.68619	14.40906	15.83562	43.31344	.8514948	.9806098	6.448379	12.13050
55	10.68619	14.40906	15.83562	44.27246	.8610766	.9916444	6.520941	12.13050
56	12.25923	16.92600	18.62829	45.35239	.8723523	1.004630	6.606334	15.05188
57	13.83228	19.44295	21.42097	46.56098	.8853857	1.019640	6.705035	17.97325
58	15.40533	21.95989	24.21363	47.90706	.9002509	1.036759	6.817609	20.89463
59	16.97838	24.47684	27.00631	49.40061	.9170330	1.056086	6.944699	23.81601
60	18.55142	26.99379	29.79897	51.05293	.9358296	1.077733	7.087048	26.73739
61	20.12447	29.51073	32.59164	52.87670	.9567513	1.101827	7.245486	29.65877
62	21.69751	32.02768	35.38431	54.88625	.9799225	1.128511	7.420963	32.58014
63	23.27056	34.54462	38.17698	57.09765	1.005483	1.157948	7.614534	35.50152
64	24.84361	37.06157	40.96965	59.52895	1.033590	1.190317	7.827388	38.42290
65	26.41666	39.57852	43.76233	62.20049	1.064418	1.225819	8.060848	41.34428

Table B-34
Victoria 1996 NOX Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.310156	2.583802	2.846576	4.258745	2.804023	3.180156	28.05130	.8022444
4	2.117644	2.369869	2.612406	4.302815	2.685925	3.046216	26.86986	.7673347
5	2.001605	2.241024	2.471918	4.346885	2.576457	2.922064	25.77475	.7383652
6	1.923921	2.154962	2.378353	4.390955	2.474962	2.806955	24.75940	.7148805
7	1.868246	2.093530	2.311663	4.435024	2.380844	2.700212	23.81785	.6964412
8	1.826396	2.047629	2.261815	4.479095	2.293560	2.601219	22.94466	.6826239
9	1.793818	2.012187	2.223228	4.523164	2.212615	2.509417	22.13490	.6730214
10	1.767773	1.984147	2.192549	4.567234	2.137560	2.424294	21.38405	.6672422
11	1.746513	1.961549	2.167639	4.611303	2.067986	2.345386	20.68803	.6649106
12	1.728866	1.943075	2.147067	4.655374	2.003519	2.272272	20.04310	.6656674
13	1.714021	1.927805	2.129841	4.699444	1.943820	2.204565	19.44588	.6691692
14	1.701391	1.915073	2.115249	4.743513	1.888580	2.141915	18.89326	.6750883
15	1.690544	1.904383	2.102764	4.787582	1.837517	2.084002	18.38243	.6831134
16	1.681154	1.895358	2.091993	4.831653	1.790375	2.030537	17.91082	.6929488
17	1.672969	1.887704	2.082631	4.875722	1.746921	1.981254	17.47612	.7043152
18	1.665791	1.881188	2.074438	4.919793	1.706945	1.935915	17.07619	.7169487
19	1.659463	1.875621	2.067228	4.963862	1.670253	1.894302	16.70913	.7306021
20	1.661088	1.873482	2.064145	5.007932	1.636672	1.856216	16.37319	.7450438
21	1.671443	1.885971	2.077927	5.052002	1.606046	1.821482	16.06680	.7600581
22	1.680936	1.897516	2.090545	5.096072	1.578232	1.789937	15.78855	.7754453
23	1.689677	1.908227	2.102146	5.140141	1.553103	1.761437	15.53717	.7910219
24	1.697756	1.918193	2.112851	5.184212	1.530547	1.735855	15.31152	.8066205
25	1.705250	1.927489	2.122765	5.228281	1.510461	1.713075	15.11058	.8220892
26	1.712224	1.936175	2.131973	5.272350	1.492758	1.692997	14.93347	.8372923
27	1.718734	1.944305	2.140551	5.316421	1.477358	1.675531	14.77941	.8521102
28	1.724826	1.951926	2.148562	5.360491	1.464194	1.660602	14.64773	.8664392
29	1.730541	1.959078	2.156063	5.404560	1.453210	1.648145	14.53784	.8801917
30	1.735916	1.965795	2.163104	5.448630	1.444358	1.638105	14.44929	.8932959
31	1.740982	1.972111	2.169728	5.492700	1.437600	1.630440	14.38168	.9056959
32	1.745768	1.978054	2.175974	5.536770	1.432907	1.625118	14.33473	.9173524
33	1.750298	1.983653	2.181878	5.580839	1.430258	1.622114	14.30823	.9282412
34	1.754597	1.988934	2.187472	5.624909	1.429644	1.621417	14.30208	.9383547
35	1.758687	1.993921	2.192786	5.668979	1.431060	1.623023	14.31625	.9477014
36	1.762586	1.998640	2.197848	5.713049	1.434513	1.626939	14.35079	.9563050
37	1.766315	2.003114	2.202683	5.757119	1.440017	1.633182	14.40586	.9642054
38	1.769891	2.007368	2.207316	5.801188	1.447597	1.641779	14.48169	.9714597
39	1.773331	2.011425	2.211771	5.845258	1.457285	1.652766	14.57861	.9781398
40	1.776652	2.015312	2.216071	5.889329	1.469122	1.666191	14.69703	.9843335
41	1.779871	2.019054	2.220237	5.933398	1.483160	1.682112	14.83746	.9901446
42	1.783004	2.022676	2.224291	5.977468	1.499460	1.700598	15.00052	.9956941
43	1.786067	2.026206	2.228254	6.021537	1.518093	1.721731	15.18693	1.001118
44	1.789076	2.029671	2.232147	6.065607	1.539142	1.745603	15.39750	1.006568
45	1.792046	2.033101	2.235990	6.109677	1.562700	1.772321	15.63317	1.012211
46	1.794996	2.036525	2.239806	6.153748	1.588873	1.802006	15.89501	1.018233
47	1.797940	2.039976	2.243613	6.197816	1.617780	1.834790	16.18420	1.024833
48	1.800896	2.043484	2.247434	6.241887	1.649554	1.870826	16.50206	1.032228
49	1.867875	2.125517	2.339468	6.285956	1.684342	1.910281	16.85008	1.065840
50	1.934855	2.207550	2.431502	6.330026	1.722308	1.953339	17.22988	1.099452
51	2.001834	2.289583	2.523536	6.374096	1.763632	2.000206	17.64328	1.133064
52	2.068813	2.371617	2.615570	6.418165	1.808513	2.051108	18.09228	1.166676
53	2.135793	2.453650	2.707604	6.462235	1.857172	2.106295	18.57906	1.200288
54	2.202772	2.535683	2.799638	6.506306	1.909851	2.166039	19.10605	1.233900
55	2.269751	2.617716	2.891672	6.550375	1.966814	2.230644	19.67591	1.267512
56	2.336730	2.699749	2.983706	6.594444	2.028355	2.300439	20.29156	1.301124
57	2.403710	2.781782	3.075740	6.638515	2.094794	2.375790	20.95621	1.334735
58	2.470689	2.863816	3.167774	6.682584	2.166483	2.457096	21.67339	1.368347
59	2.537668	2.945848	3.259808	6.726654	2.243809	2.544795	22.44696	1.401959
60	2.604648	3.027882	3.351842	6.770724	2.327198	2.639370	23.28118	1.435571
61	2.671627	3.109914	3.443876	6.814794	2.417116	2.741349	24.18071	1.469183
62	2.738607	3.191948	3.535910	6.858864	2.514075	2.851315	25.15068	1.502795
63	2.805586	3.273981	3.627944	6.902933	2.618640	2.969906	26.19675	1.536407
64	2.872565	3.356014	3.719978	6.947003	2.731430	3.097825	27.32508	1.570019
65	2.939544	3.438047	3.812012	6.991074	2.853125	3.235846	28.54253	1.603631

Table B-35
Victoria 1996 EXHS Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	8.026316	10.18325	11.56946	13.01200	1.635669	2.342109	5.802175	12.51502
4	6.187113	7.885670	8.922870	11.87793	1.552912	2.223610	5.508612	10.30495
5	5.071101	6.472660	7.302461	10.86071	1.475640	2.112964	5.234508	8.668079
6	4.321916	5.516465	6.208875	9.947111	1.403448	2.009592	4.978421	7.432575
7	3.784773	4.828013	5.422659	9.125494	1.335963	1.912960	4.739031	6.483891
8	3.381299	4.310046	4.831505	8.385651	1.272842	1.822578	4.515124	5.743986
9	3.067473	3.907187	4.371763	7.718594	1.213771	1.737994	4.305584	5.158611
10	2.816634	3.585534	4.004608	7.116401	1.158461	1.658796	4.109383	4.689330
11	2.611691	3.323158	3.705010	6.572091	1.106644	1.584600	3.925574	4.308431
12	2.441183	3.105249	3.456115	6.079497	1.058076	1.515055	3.753290	3.995601
13	2.297137	2.921456	3.246169	5.633168	1.012530	1.449838	3.591726	3.735720
14	2.173841	2.764331	3.066730	5.228279	.9697976	1.388650	3.440142	3.517374
15	2.067098	2.628387	2.911589	4.860552	.9296863	1.331215	3.297857	3.331835
16	1.973754	2.509500	2.776082	4.526196	.8920188	1.277279	3.164239	3.172360
17	1.891399	2.404513	2.656642	4.221844	.8566310	1.226607	3.038709	3.033682
18	1.818160	2.310982	2.550500	3.944499	.8233713	1.178983	2.920728	2.911660
19	1.752561	2.226989	2.455476	3.691497	.7920997	1.134205	2.809798	2.803021
20	1.683403	2.154746	2.376164	3.460462	.7626867	1.092088	2.705462	2.705174
21	1.613810	2.072885	2.285977	3.249276	.7350124	1.052462	2.607294	2.616061
22	1.550419	1.998010	2.203792	3.056046	.7089658	1.015166	2.514899	2.534056
23	1.492410	1.929185	2.128540	2.879083	.6844444	.9800535	2.427915	2.457887
24	1.439107	1.865648	2.059339	2.716875	.6613526	.9469886	2.346003	2.386565
25	1.389947	1.806774	1.995459	2.568063	.6396028	.9158450	2.268849	2.319331
26	1.344455	1.752050	1.936290	2.431436	.6191126	.8865054	2.196165	2.255622
27	1.302234	1.701051	1.881321	2.305902	.5998066	.8588609	2.127681	2.195031
28	1.262945	1.653422	1.830121	2.190483	.5816143	.8328112	2.063148	2.137273
29	1.226298	1.608865	1.782323	2.084298	.5644701	.8082627	2.002333	2.082169
30	1.192046	1.567126	1.737613	1.986555	.5483136	.7851283	1.945021	2.029611
31	1.159971	1.527990	1.695722	1.896542	.5330884	.7633274	1.891013	1.979562
32	1.129887	1.491267	1.656415	1.813615	.5187423	.7427855	1.840124	1.932019
33	1.101629	1.456793	1.619487	1.737196	.5052267	.7234324	1.792180	1.887013
34	1.075050	1.424418	1.584757	1.666761	.4924965	.7052040	1.747022	1.844592
35	1.050022	1.394010	1.552063	1.601838	.4805097	.6880401	1.704502	1.804812
36	1.026429	1.365447	1.521263	1.542003	.4692273	.6718849	1.664480	1.767728
37	1.004165	1.338617	1.492224	1.486868	.4586133	.6566867	1.626829	1.733385
38	.9831364	1.313414	1.464827	1.436087	.4486339	.6423973	1.591430	1.701823
39	.9632565	1.289740	1.438963	1.389344	.4392582	.6289722	1.558171	1.673052
40	.9444456	1.267498	1.414530	1.346356	.4304570	.6163698	1.526951	1.647066
41	.9266307	1.246599	1.391432	1.306866	.4222035	.6045517	1.497673	1.623825
42	.9097425	1.226951	1.369579	1.270641	.4144728	.5934821	1.470250	1.603258
43	.8937169	1.208465	1.348885	1.237474	.4072419	.5831282	1.444600	1.585263
44	.8784920	1.191049	1.329267	1.207174	.4004894	.5734594	1.420648	1.569679
45	.8640088	1.174612	1.310642	1.179572	.3941956	.5644473	1.398322	1.556311
46	.8502094	1.159055	1.292930	1.154517	.3883424	.5560660	1.377558	1.544900
47	.8370367	1.144275	1.276049	1.131871	.3829128	.5482915	1.358298	1.535120
48	.8244333	1.130160	1.259917	1.111513	.3778915	.5411016	1.340487	1.526587
49	.8244333	1.130160	1.259917	1.093334	.3732646	.5344762	1.324073	1.526587
50	.8244333	1.130160	1.259917	1.077240	.3690187	.5283966	1.309012	1.526587
51	.8244333	1.130160	1.259917	1.063145	.3651424	.5228461	1.295262	1.526587
52	.8244333	1.130160	1.259917	1.050979	.3616248	.5178093	1.282784	1.526587
53	.8244333	1.130160	1.259917	1.040677	.3584565	.5132726	1.271545	1.526587
54	.8244333	1.130160	1.259917	1.032189	.3556287	.5092236	1.261514	1.526587
55	.8244333	1.130160	1.259917	1.025471	.3531339	.5056512	1.252664	1.526587
56	.8657556	1.192391	1.330355	1.020489	.3509653	.5025459	1.244972	1.635508
57	.9070778	1.254623	1.400792	1.017218	.3491171	.4998995	1.238415	1.744429
58	.9484000	1.316854	1.471230	1.015643	.3475843	.4977048	1.232978	1.853350
59	.9897223	1.379086	1.541668	1.015755	.3463630	.4959560	1.228646	1.962271
60	1.031045	1.441317	1.612106	1.017554	.3454497	.4946483	1.225407	2.071191
61	1.072367	1.503549	1.682544	1.021050	.3448423	.4937786	1.223252	2.180113
62	1.113689	1.565780	1.752981	1.026261	.3445390	.4933442	1.222176	2.289034
63	1.155011	1.628012	1.823419	1.033211	.3445390	.4933442	1.222176	2.397954
64	1.196334	1.690243	1.893857	1.041937	.3448423	.4937786	1.223252	2.506876
65	1.237656	1.752475	1.964294	1.052482	.3454497	.4946483	1.225407	2.615797

Table B-36
Victoria 1996 RNLS Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	8.940387	7.890488	9.039769	16.17727	.0000000	.0000000	.0000000	.0000000
4	5.470452	4.619979	5.259169	9.433978	.0000000	.0000000	.0000000	.0000000
5	3.783628	3.072986	3.477406	6.251668	.0000000	.0000000	.0000000	.0000000
6	2.823722	2.214707	2.492317	4.489992	.0000000	.0000000	.0000000	.0000000
7	2.218719	1.686412	1.887992	3.407911	.0000000	.0000000	.0000000	.0000000
8	1.983709	1.484147	1.656869	2.992677	.0000000	.0000000	.0000000	.0000000
9	1.807001	1.338031	1.490808	2.693248	.0000000	.0000000	.0000000	.0000000
10	1.653485	1.216288	1.353304	2.444505	.0000000	.0000000	.0000000	.0000000
11	1.516834	1.112273	1.236569	2.232625	.0000000	.0000000	.0000000	.0000000
12	1.392832	1.021553	1.135413	2.048390	.0000000	.0000000	.0000000	.0000000
13	1.278561	.9410602	1.046238	1.885422	.0000000	.0000000	.0000000	.0000000
14	1.171934	.8686028	.9664781	1.739165	.0000000	.0000000	.0000000	.0000000
15	1.071425	.8025739	.8942502	1.606275	.0000000	.0000000	.0000000	.0000000
16	.9758842	.7417683	.8281419	1.484245	.0000000	.0000000	.0000000	.0000000
17	.8844364	.6852641	.7670734	1.371161	.0000000	.0000000	.0000000	.0000000
18	.7963989	.6323444	.7102047	1.265530	.0000000	.0000000	.0000000	.0000000
19	.7112335	.5824435	.6568726	1.166176	.0000000	.0000000	.0000000	.0000000
20	.6497158	.5435350	.6146355	1.088214	.0000000	.0000000	.0000000	.0000000
21	.6221009	.5194662	.5871082	1.038911	.0000000	.0000000	.0000000	.0000000
22	.5962930	.4972968	.5618062	.9935579	.0000000	.0000000	.0000000	.0000000
23	.5720565	.4767790	.5384393	.9516386	.0000000	.0000000	.0000000	.0000000
24	.5491949	.4577063	.5167657	.9127247	.0000000	.0000000	.0000000	.0000000
25	.5275434	.4399053	.4965820	.8764551	.0000000	.0000000	.0000000	.0000000
26	.5069622	.4232295	.4777165	.8425249	.0000000	.0000000	.0000000	.0000000
27	.4873324	.4075536	.4600226	.8106740	.0000000	.0000000	.0000000	.0000000
28	.4685521	.3927705	.4433749	.7806799	.0000000	.0000000	.0000000	.0000000
29	.4505334	.3787880	.4276649	.7523503	.0000000	.0000000	.0000000	.0000000
30	.4332003	.3655260	.4127992	.7255187	.0000000	.0000000	.0000000	.0000000
31	.4164861	.3529146	.3986958	.7000405	.0000000	.0000000	.0000000	.0000000
32	.4003331	.3408930	.3852834	.6757883	.0000000	.0000000	.0000000	.0000000
33	.3846902	.3294075	.3724990	.6526510	.0000000	.0000000	.0000000	.0000000
34	.3695123	.3184108	.3602874	.6305301	.0000000	.0000000	.0000000	.0000000
35	.3547596	.3078609	.3485995	.6093385	.0000000	.0000000	.0000000	.0000000
36	.3403967	.2977208	.3373914	.5889988	.0000000	.0000000	.0000000	.0000000
37	.3263919	.2879572	.3266245	.5694419	.0000000	.0000000	.0000000	.0000000
38	.3127171	.2785402	.3162638	.5506059	.0000000	.0000000	.0000000	.0000000
39	.2993467	.2694433	.3062781	.5324355	.0000000	.0000000	.0000000	.0000000
40	.2862580	.2606425	.2966392	.5148808	.0000000	.0000000	.0000000	.0000000
41	.2734305	.2521161	.2873219	.4978966	.0000000	.0000000	.0000000	.0000000
42	.2608453	.2438444	.2783030	.4814422	.0000000	.0000000	.0000000	.0000000
43	.2484856	.2358098	.2695619	.4654806	.0000000	.0000000	.0000000	.0000000
44	.2363360	.2279961	.2610796	.4499784	.0000000	.0000000	.0000000	.0000000
45	.2243826	.2203885	.2528387	.4349047	.0000000	.0000000	.0000000	.0000000
46	.2126125	.2129735	.2448236	.4202318	.0000000	.0000000	.0000000	.0000000
47	.2010140	.2057390	.2370199	.4059339	.0000000	.0000000	.0000000	.0000000
48	.1899536	.1985766	.2292406	.3917556	.0000000	.0000000	.0000000	.0000000
49	.1826070	.1908768	.2202891	.3761768	.0000000	.0000000	.0000000	.0000000
50	.1756902	.1836280	.2118631	.3615183	.0000000	.0000000	.0000000	.0000000
51	.1691702	.1767954	.2039221	.3477089	.0000000	.0000000	.0000000	.0000000
52	.1630170	.1703475	.1964294	.3346842	.0000000	.0000000	.0000000	.0000000
53	.1572034	.1642557	.1893516	.3223857	.0000000	.0000000	.0000000	.0000000
54	.1517046	.1584942	.1826586	.3107603	.0000000	.0000000	.0000000	.0000000
55	.1464981	.1530393	.1763227	.2997594	.0000000	.0000000	.0000000	.0000000
56	.1415635	.1478695	.1703189	.2893391	.0000000	.0000000	.0000000	.0000000
57	.1368819	.1429651	.1646241	.2794592	.0000000	.0000000	.0000000	.0000000
58	.1324363	.1383080	.1592174	.2700827	.0000000	.0000000	.0000000	.0000000
59	.1282108	.1338820	.1540796	.2611759	.0000000	.0000000	.0000000	.0000000
60	.1241911	.1296716	.1491930	.2527080	.0000000	.0000000	.0000000	.0000000
61	.1203640	.1256632	.1445414	.2446504	.0000000	.0000000	.0000000	.0000000
62	.1167171	.1218438	.1401098	.2369770	.0000000	.0000000	.0000000	.0000000
63	.1132393	.1182016	.1358846	.2296636	.0000000	.0000000	.0000000	.0000000
64	.1099202	.1147258	.1318529	.2226880	.0000000	.0000000	.0000000	.0000000
65	.1067501	.1114063	.1280031	.2160297	.0000000	.0000000	.0000000	.0000000

Table B-37
Victoria 1996 RSTL, CC, and HTSK Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.1037182	.0987274	.0847222	.1264849	.0000000	.0000000	.0000000	.7832513
--	.0092640	.0139192	.0149097	.0202444	.0000000	.0000000	.0000000	.0000000
--	.1956401	.2092463	.1843874	1.743170	.0000000	.0000000	.0000000	3.249795

Table B-38
Victoria 1996 VOC Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	14.67826	15.60226	17.26178	22.70488	1.437445	1.928125	5.109254	15.72704
4	10.15328	10.84450	11.91954	16.98947	1.364717	1.830571	4.850750	13.60817
5	7.780452	8.337202	9.120663	13.93076	1.296810	1.739483	4.609380	12.03883
6	6.341197	6.810562	7.424231	11.97558	1.233366	1.654383	4.383877	10.85430
7	5.383351	5.791945	6.295961	10.58038	1.174060	1.574831	4.173076	9.944760
8	4.849806	5.195782	5.637257	9.730701	1.118588	1.500425	3.975909	9.235384
9	4.441423	4.742044	5.136667	9.018556	1.066676	1.430792	3.791392	8.674160
10	4.106030	4.375406	4.732595	8.390813	1.018069	1.365592	3.618623	8.224243
11	3.823762	4.072216	4.398777	7.832379	.9725317	1.304511	3.456766	7.859060
12	3.581333	3.816605	4.117655	7.332074	.9298494	1.247259	3.305056	7.559137
13	3.369525	3.597526	3.877047	6.881284	.8898230	1.193569	3.162786	7.309978
14	3.181740	3.407056	3.668242	6.473166	.8522694	1.143196	3.029305	7.100642
15	3.013135	3.239374	3.484845	6.102157	.8170192	1.095913	2.904013	6.922759
16	2.860077	3.090106	3.322057	5.763647	.7839166	1.051511	2.786352	6.769864
17	2.719784	2.955909	3.176212	5.453771	.7528174	1.009796	2.675813	6.636907
18	2.590100	2.834188	3.044456	5.169238	.7235883	.9705893	2.571921	6.519919
19	2.469321	2.722905	2.924542	4.907232	.6961065	.9337264	2.474240	6.415763
20	2.357373	2.621267	2.816697	4.677968	.6702579	.8990543	2.382364	6.321954
21	2.267541	2.526217	2.712299	4.485654	.6459376	.8664318	2.295919	6.236517
22	2.185219	2.439262	2.617134	4.309469	.6230475	.8357282	2.214559	6.157896
23	2.109424	2.359335	2.529990	4.147792	.6014977	.8068223	2.137963	6.084870
24	2.039338	2.285559	2.449862	3.999194	.5812044	.7796018	2.065833	6.016490
25	1.974282	2.217207	2.375906	3.862413	.5620904	.7539631	1.997893	5.952030
26	1.913684	2.153674	2.307414	3.736332	.5440835	.7298094	1.933890	5.890949
27	1.857058	2.094454	2.243782	3.619956	.5271171	.7070515	1.873584	5.832859
28	1.803993	2.039118	2.184495	3.512401	.5111293	.6856062	1.816758	5.777484
29	1.754135	1.987302	2.129112	3.412876	.4960629	.6653967	1.763205	5.724652
30	1.707176	1.938693	2.077251	3.320677	.4818644	.6463515	1.712738	5.674263
31	1.662853	1.893021	2.028580	3.235172	.4684843	.6284041	1.665180	5.626279
32	1.620933	1.850049	1.982809	3.155792	.4558768	.6114930	1.620368	5.580699
33	1.581210	1.809567	1.939684	3.082031	.4439992	.5955608	1.578150	5.537549
34	1.543505	1.771393	1.898980	3.013431	.4328116	.5805544	1.538385	5.496879
35	1.507658	1.735358	1.860497	2.949578	.4222775	.5664243	1.500943	5.458739
36	1.473522	1.701313	1.824058	2.890102	.4123624	.5531246	1.465701	5.423186
37	1.440970	1.669121	1.789504	2.834668	.4030347	.5406128	1.432546	5.390260
38	1.409883	1.638656	1.756691	2.782975	.3942648	.5288492	1.401374	5.360001
39	1.380156	1.609801	1.725491	2.734750	.3860252	.5177971	1.372088	5.332417
40	1.351690	1.582448	1.695785	2.689746	.3782906	.5074222	1.344596	5.307502
41	1.324397	1.556494	1.667467	2.647741	.3710374	.4976931	1.318815	5.285221
42	1.298194	1.531842	1.640439	2.608535	.3642435	.4885801	1.294667	5.265502
43	1.273003	1.508398	1.614611	2.571944	.3578889	.4800563	1.272080	5.248249
44	1.248752	1.486070	1.589899	2.537807	.3519548	.4720965	1.250988	5.233308
45	1.225371	1.464767	1.566225	2.505975	.3464237	.4646774	1.231328	5.220492
46	1.202796	1.444398	1.543517	2.476315	.3412798	.4577776	1.213044	5.209552
47	1.180960	1.424869	1.521705	2.448709	.3365082	.4513772	1.196085	5.200176
48	1.160033	1.405944	1.500532	2.422935	.3320955	.4454582	1.180400	5.191994
49	1.153558	1.399177	1.492902	2.398252	.3280292	.4400038	1.165947	5.191994
50	1.147461	1.392808	1.485720	2.375774	.3242979	.4349988	1.152684	5.191994
51	1.141715	1.386804	1.478952	2.355389	.3208914	.4304294	1.140576	5.191994
52	1.136292	1.381140	1.472566	2.336995	.3178001	.4262830	1.129588	5.191994
53	1.131169	1.375788	1.466534	2.320504	.3150158	.4225481	1.119692	5.191994
54	1.126324	1.370727	1.460831	2.305840	.3125307	.4192148	1.110859	5.191994
55	1.121737	1.365936	1.455432	2.292936	.3103382	.4162739	1.103066	5.191994
56	1.149801	1.405511	1.498210	2.281736	.3084323	.4137175	1.096292	5.296421
57	1.178087	1.445320	1.541252	2.272191	.3068082	.4115388	1.090519	5.400848
58	1.206582	1.485347	1.584540	2.264264	.3054611	.4097320	1.085731	5.505275
59	1.235272	1.525577	1.628057	2.257924	.3043878	.4082924	1.081916	5.609702
60	1.264142	1.565996	1.671788	2.253150	.3035853	.4072158	1.079063	5.714128
61	1.293183	1.606593	1.715720	2.249927	.3030515	.4064998	1.077166	5.818556
62	1.322382	1.647357	1.759839	2.248250	.3027849	.4061422	1.076218	5.922983
63	1.351731	1.688276	1.804135	2.248121	.3027849	.4061422	1.076218	6.027409
64	1.381219	1.729341	1.848595	2.249549	.3030515	.4064998	1.077166	6.131837
65	1.410839	1.770544	1.893211	2.252553	.3035853	.4072158	1.079063	6.236263

Table B-39
Victoria 1996 CO Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	92.64880	110.2248	122.5881	169.8700	5.011814	5.524984	38.58336	191.9401
4	71.79210	85.45991	94.71257	155.2029	4.618952	5.091896	35.55893	153.0762
5	59.20006	70.38727	77.82558	142.1145	4.264640	4.701306	32.83126	125.0260
6	50.78044	60.27051	66.50737	130.4165	3.944680	4.348584	30.36806	104.3272
7	44.76175	53.03145	58.40397	119.9450	3.655371	4.029653	28.14082	88.74149
8	40.25056	47.60992	52.32423	110.5572	3.393453	3.740915	26.12444	76.78657
9	36.74703	43.40734	47.59969	102.1287	3.156039	3.479192	24.29672	67.45878
10	33.94958	40.06003	43.82611	94.55042	2.940583	3.241676	22.63803	60.06437
11	31.66552	37.33432	40.74471	87.72733	2.744826	3.025875	21.13100	54.11450
12	29.76593	35.07332	38.18219	81.57587	2.566769	2.829586	19.76023	49.25864
13	28.16137	33.16777	36.01826	76.02281	2.404634	2.650850	18.51204	45.24126
14	26.78782	31.53935	34.16678	71.00380	2.256845	2.487928	17.37428	41.87328
15	25.59827	30.13044	32.56458	66.46220	2.121997	2.339273	16.33616	39.01297
16	24.55748	28.89779	31.16426	62.34811	1.998841	2.203507	15.38805	36.55278
17	23.63848	27.80838	29.92961	58.61751	1.886263	2.079402	14.52137	34.41035
18	22.82037	26.83664	28.83250	55.23150	1.783268	1.965861	13.72846	32.52206
19	22.08667	25.96254	27.85079	52.15570	1.688968	1.861905	13.00249	30.83852
20	21.20864	25.06828	26.89988	49.35966	1.602568	1.766659	12.33735	29.32117
21	20.19915	23.97173	25.72351	46.81640	1.523359	1.679339	11.72755	27.93997
22	19.27909	22.96844	24.65323	44.50197	1.450702	1.599243	11.16821	26.67148
23	18.43669	22.04601	23.67508	42.39513	1.384027	1.525741	10.65491	25.49747
24	17.66226	21.19431	22.77746	40.47698	1.322823	1.458269	10.18373	24.40387
25	16.94773	20.40511	21.95071	38.73073	1.266627	1.396320	9.751112	23.37993
26	16.28633	19.67163	21.18667	37.14144	1.215029	1.339438	9.353880	22.41747
27	15.67240	18.98827	20.47847	35.69582	1.167655	1.287214	8.989178	21.51039
28	15.10109	18.35036	19.82021	34.38201	1.124173	1.239280	8.654429	20.65417
29	14.56826	17.75394	19.20686	33.18950	1.084282	1.195304	8.347326	19.84554
30	14.07038	17.19568	18.63407	32.10891	1.047711	1.154988	8.065786	19.08213
31	13.60434	16.67268	18.09806	31.13191	1.014218	1.118066	7.807940	18.36222
32	13.16744	16.18240	17.59554	30.25113	.9835839	1.084295	7.572106	17.68460
33	12.75730	15.72261	17.12361	29.46000	.9556130	1.053460	7.356771	17.04830
34	12.37180	15.29128	16.67973	28.75275	.9301287	1.025367	7.160583	16.45257
35	12.00906	14.88660	16.26163	28.12429	.9069733	.9998403	6.982320	15.89664
36	11.66738	14.50689	15.86728	27.57015	.8860053	.9767254	6.820899	15.37976
37	11.34524	14.15061	15.49487	27.08644	.8670988	.9558830	6.675348	14.90114
38	11.04122	13.81631	15.14277	26.66984	.8501416	.9371895	6.544803	14.45974
39	10.75407	13.50264	14.80949	26.31748	.8350344	.9205354	6.428501	14.05448
40	10.48261	13.20831	14.49369	26.02697	.8216898	.9058245	6.325767	13.68398
41	10.22576	12.93208	14.19413	25.79636	.8100314	.8929724	6.236014	13.34663
42	9.982500	12.67274	13.90968	25.62410	.7999930	.8819062	6.158734	13.04063
43	9.751874	12.42907	13.63927	25.50906	.7915183	.8725636	6.093492	12.76381
44	9.532961	12.19985	13.38193	25.45045	.7845600	.8648928	6.039923	12.51368
45	9.324862	11.98378	13.13673	25.44791	.7790795	.8588511	5.997731	12.28737
46	9.126675	11.77948	12.90278	25.50140	.7750465	.8544052	5.966684	12.08162
47	8.937494	11.58545	12.67924	25.61130	.7724390	.8515307	5.946609	11.89262
48	8.756386	11.40001	12.46527	25.77831	.7712426	.8502118	5.937400	11.71610
49	8.756386	11.40001	12.46527	26.00356	.7714509	.8504415	5.939003	11.71610
50	8.756386	11.40001	12.46527	26.28856	.7730650	.8522208	5.951428	11.71610
51	8.756386	11.40001	12.46527	26.63520	.7760935	.8555595	5.974744	11.71610
52	8.756386	11.40001	12.46527	27.04585	.7805533	.8604759	6.009077	11.71610
53	8.756386	11.40001	12.46527	27.52332	.7864687	.8669971	6.054618	11.71610
54	8.756386	11.40001	12.46527	28.07090	.7938727	.8751590	6.111616	11.71610
55	8.756386	11.40001	12.46527	28.69244	.8028060	.8850071	6.180389	11.71610
56	9.849036	13.04388	14.22746	29.39232	.8133187	.8965961	6.261322	14.53768
57	10.94169	14.68776	15.98964	30.17559	.8254701	.9099917	6.354869	17.35926
58	12.03434	16.33163	17.75183	31.04797	.8393292	.9252700	6.461563	20.18084
59	13.12699	17.97550	19.51402	32.01593	.8549757	.9425186	6.582017	23.00242
60	14.21964	19.61938	21.27621	33.08677	.8725004	.9618375	6.716931	25.82400
61	15.31229	21.26325	23.03840	34.26874	.8920062	.9833406	6.867096	28.64558
62	16.40494	22.90712	24.80059	35.57110	.9136094	1.007156	7.033408	31.46715
63	17.49759	24.55099	26.56277	37.00428	.9374402	1.033427	7.216870	34.28874
64	18.59024	26.19487	28.32496	38.57998	.9636451	1.062315	7.418607	37.11032
65	19.68289	27.83874	30.08715	40.31137	.9923868	1.094000	7.639875	39.93189

Table B-40
Victoria 1996 NOX Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.148876	2.452371	2.802551	4.027701	2.416976	2.661671	23.16170	.8136578
4	1.966807	2.245341	2.564683	4.069380	2.315180	2.549569	22.18619	.7782514
5	1.857340	2.120919	2.421990	4.111059	2.220822	2.445658	21.28196	.7488697
6	1.784238	2.037936	2.326908	4.152738	2.133337	2.349316	20.44360	.7250507
7	1.731963	1.978733	2.259050	4.194417	2.052210	2.259976	19.66617	.7063493
8	1.692744	1.934469	2.208220	4.236096	1.976974	2.177123	18.94518	.6923355
9	1.662256	1.900222	2.168751	4.277775	1.907202	2.100287	18.27657	.6825964
10	1.637903	1.873031	2.137243	4.319454	1.842507	2.029043	17.65660	.6767349
11	1.618030	1.851004	2.111528	4.361133	1.782536	1.963001	17.08191	.6743701
12	1.601528	1.832872	2.090162	4.402812	1.726968	1.901806	16.54940	.6751378
13	1.587630	1.817754	2.072144	4.444490	1.675510	1.845138	16.05627	.6786894
14	1.575785	1.805012	2.056756	4.486170	1.627894	1.792702	15.59999	.6846926
15	1.565586	1.794178	2.043473	4.527848	1.583879	1.744232	15.17819	.6928319
16	1.556729	1.784896	2.031899	4.569528	1.543245	1.699483	14.78880	.7028071
17	1.548979	1.776891	2.021733	4.611207	1.505789	1.658236	14.42986	.7143353
18	1.542151	1.769944	2.012738	4.652885	1.471331	1.620289	14.09965	.7271485
19	1.536099	1.763885	2.004728	4.694564	1.439704	1.585459	13.79657	.7409962
20	1.538769	1.758503	1.997970	4.736243	1.410758	1.553584	13.51919	.7556434
21	1.548806	1.766606	2.006608	4.777922	1.384359	1.524512	13.26621	.7708712
22	1.557977	1.774083	2.014488	4.819601	1.360384	1.498110	13.03646	.7864774
23	1.566391	1.781007	2.021708	4.861279	1.338725	1.474257	12.82889	.8022757
24	1.574141	1.787437	2.028347	4.902959	1.319282	1.452846	12.64257	.8180960
25	1.581304	1.793424	2.034476	4.944638	1.301968	1.433780	12.47666	.8337849
26	1.587945	1.799007	2.040150	4.986317	1.286708	1.416975	12.33043	.8492041
27	1.594121	1.804224	2.045419	5.027996	1.273434	1.402357	12.20322	.8642329
28	1.599878	1.809105	2.050326	5.069674	1.262088	1.389862	12.09449	.8787658
29	1.605258	1.813677	2.054906	5.111354	1.252620	1.379435	12.00376	.8927140
30	1.610298	1.817964	2.059193	5.153033	1.244990	1.371033	11.93064	.9060045
31	1.615028	1.821986	2.063213	5.194711	1.239164	1.364618	11.87481	.9185811
32	1.619477	1.825764	2.066993	5.236390	1.235119	1.360162	11.83605	.9304034
33	1.623670	1.829316	2.070554	5.278069	1.232836	1.357649	11.81417	.9414471
34	1.627629	1.832658	2.073915	5.319748	1.232306	1.357065	11.80909	.9517046
35	1.631375	1.835807	2.077096	5.361427	1.233526	1.358409	11.82079	.9611841
36	1.634926	1.838778	2.080113	5.403107	1.236503	1.361687	11.84931	.9699101
37	1.638300	1.841588	2.082980	5.444785	1.241248	1.366912	11.89478	.9779229
38	1.641513	1.844250	2.085711	5.486465	1.247782	1.374107	11.95739	.9852804
39	1.644581	1.846780	2.088319	5.528143	1.256132	1.383303	12.03742	.9920556
40	1.647516	1.849195	2.090816	5.569822	1.266335	1.394539	12.13519	.9983374
41	1.650333	1.851508	2.093215	5.611501	1.278436	1.407865	12.25115	1.004231
42	1.653046	1.853737	2.095524	5.653179	1.292486	1.423337	12.38579	1.009860
43	1.655666	1.855897	2.097755	5.694859	1.308547	1.441025	12.53970	1.015360
44	1.658206	1.858005	2.099917	5.736537	1.326690	1.461004	12.71357	1.020888
45	1.660678	1.860079	2.102021	5.778216	1.346996	1.483367	12.90816	1.026611
46	1.663094	1.862137	2.104074	5.819895	1.369557	1.508211	13.12436	1.032719
47	1.665467	1.864197	2.106088	5.861574	1.394474	1.535651	13.36314	1.039413
48	1.667807	1.866278	2.108069	5.903254	1.421862	1.565811	13.62559	1.046913
49	1.723914	1.939095	2.191228	5.944933	1.451848	1.598833	13.91295	1.081004
50	1.780021	2.011911	2.274387	5.986611	1.484573	1.634871	14.22655	1.115094
51	1.836128	2.084728	2.357546	6.028290	1.520193	1.674098	14.56789	1.149184
52	1.892236	2.157545	2.440705	6.069969	1.558879	1.716701	14.93862	1.183274
53	1.948343	2.230361	2.523864	6.111649	1.600822	1.762890	15.34055	1.217364
54	2.004450	2.303178	2.607023	6.153328	1.646229	1.812894	15.77569	1.251454
55	2.060557	2.375994	2.690182	6.195005	1.695330	1.866965	16.24621	1.285544
56	2.116664	2.448811	2.773340	6.236685	1.748376	1.925382	16.75455	1.319634
57	2.172771	2.521627	2.856500	6.278364	1.805644	1.988447	17.30334	1.353724
58	2.228879	2.594444	2.939658	6.320042	1.867437	2.056497	17.89551	1.387815
59	2.284986	2.667261	3.022817	6.361722	1.934090	2.129898	18.53424	1.421905
60	2.341094	2.740077	3.105976	6.403400	2.005969	2.209054	19.22304	1.455995
61	2.397201	2.812894	3.189135	6.445079	2.083475	2.294406	19.96578	1.490085
62	2.453308	2.885710	3.272294	6.486759	2.167051	2.386444	20.76668	1.524175
63	2.509415	2.958527	3.355453	6.528438	2.257182	2.485700	21.63040	1.558265
64	2.565522	3.031343	3.438611	6.570117	2.354403	2.592763	22.56206	1.592355
65	2.621629	3.104160	3.521770	6.611795	2.459301	2.708281	23.56729	1.626445

Table B-41
Victoria 1996 EXHS Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	6.882018	8.461238	9.377966	9.633255	1.437445	1.928125	5.109254	11.99865
4	5.337122	6.571153	7.253819	8.793662	1.364717	1.830571	4.850750	9.879770
5	4.402829	5.417788	5.969701	8.040580	1.296810	1.739483	4.609380	8.310435
6	3.776962	4.640990	5.109727	7.364204	1.233366	1.654383	4.383877	7.125906
7	3.328775	4.083142	4.494005	6.755933	1.174060	1.574831	4.173076	6.216365
8	2.992305	3.663891	4.031816	6.208201	1.118588	1.500425	3.975909	5.506990
9	2.730619	3.337840	3.672379	5.714354	1.066676	1.430792	3.791392	4.945766
10	2.521410	3.077366	3.385037	5.268528	1.018069	1.365592	3.618623	4.495848
11	2.350408	2.864693	3.150190	4.865556	.9725317	1.304511	3.456766	4.130665
12	2.208055	2.687860	2.954717	4.500872	.9298494	1.247259	3.305056	3.830743
13	2.087717	2.538528	2.789513	4.170438	.8898230	1.193569	3.162786	3.581584
14	1.984639	2.410714	2.648060	3.870683	.8522694	1.143196	3.029305	3.372247
15	1.895331	2.300010	2.525575	3.598442	.8170192	1.095913	2.904013	3.194364
16	1.817174	2.203109	2.418466	3.350907	.7839166	1.051511	2.786352	3.041468
17	1.748163	2.117482	2.323989	3.125584	.7528174	1.009796	2.675813	2.908512
18	1.686743	2.041165	2.240011	2.920256	.7235883	.9705893	2.571921	2.791525
19	1.631688	1.972622	2.164850	2.732948	.6961065	.9337264	2.474240	2.687369
20	1.567972	1.904327	2.092426	2.561905	.6702579	.8990543	2.382364	2.593559
21	1.501522	1.829981	2.011102	2.405556	.6459376	.8664318	2.295919	2.508122
22	1.440983	1.762054	1.937109	2.262502	.6230475	.8357282	2.214559	2.429501
23	1.385579	1.699697	1.869482	2.131490	.6014977	.8068223	2.137963	2.356475
24	1.334671	1.642214	1.807422	2.011400	.5812044	.7796018	2.065833	2.288095
25	1.287722	1.589033	1.750262	1.901230	.5620904	.7539631	1.997893	2.223635
26	1.244283	1.539678	1.697436	1.800080	.5440835	.7298094	1.933890	2.162555
27	1.203975	1.493753	1.648469	1.707143	.5271171	.7070515	1.873584	2.104464
28	1.166477	1.450923	1.602953	1.621694	.5111293	.6856062	1.816758	2.049089
29	1.131511	1.410907	1.560540	1.543081	.4960629	.6653967	1.763205	1.996258
30	1.098840	1.373461	1.520926	1.470719	.4818644	.6463515	1.712738	1.945869
31	1.068256	1.338378	1.483850	1.404078	.4684843	.6284041	1.665180	1.897886
32	1.039578	1.305474	1.449084	1.342685	.4558768	.6114930	1.620368	1.852304
33	1.012647	1.274588	1.416426	1.286108	.4439992	.5955608	1.578150	1.809155
34	.9873227	1.245577	1.385699	1.233963	.4328116	.5805544	1.538385	1.768485
35	.9634788	1.218311	1.356745	1.185899	.4222775	.5664243	1.500943	1.730345
36	.9410027	1.192673	1.329426	1.141600	.4123624	.5531246	1.465701	1.694792
37	.9197927	1.168556	1.303613	1.100782	.4030347	.5406128	1.432546	1.661865
38	.8997568	1.145860	1.279195	1.063187	.3942648	.5288492	1.401374	1.631606
39	.8808109	1.124491	1.256069	1.028582	.3860252	.5177971	1.372088	1.604022
40	.8628774	1.104363	1.234140	.9967562	.3782906	.5074222	1.344596	1.579107
41	.8458858	1.085392	1.213325	.9675201	.3710374	.4976931	1.318815	1.556826
42	.8297693	1.067497	1.193544	.9407019	.3642435	.4885801	1.294667	1.537108
43	.8144656	1.050601	1.174725	.9161465	.3578889	.4800563	1.272080	1.519855
44	.7999160	1.034627	1.156802	.8937144	.3519548	.4720965	1.250988	1.504914
45	.7860637	1.019495	1.139710	.8732800	.3464237	.4646774	1.231328	1.492098
46	.7728540	1.005128	1.123391	.8547305	.3412798	.4577776	1.213044	1.481157
47	.7602326	.9914401	1.107787	.8379649	.3365082	.4513772	1.196085	1.471781
48	.7481456	.9783450	1.092845	.8228930	.3320955	.4454582	1.180400	1.463600
49	.7481456	.9783450	1.092845	.8094349	.3280292	.4400038	1.165947	1.463600
50	.7481456	.9783450	1.092845	.7975194	.3242979	.4349988	1.152684	1.463600
51	.7481456	.9783450	1.092845	.7870850	.3208914	.4304294	1.140576	1.463600
52	.7481456	.9783450	1.092845	.7780775	.3178001	.4262830	1.129588	1.463600
53	.7481456	.9783450	1.092845	.7704511	.3150158	.4225481	1.119692	1.463600
54	.7481456	.9783450	1.092845	.7641670	.3125307	.4192148	1.110859	1.463600
55	.7481456	.9783450	1.092845	.7591932	.3103382	.4162739	1.103066	1.463600
56	.7805568	1.022461	1.140739	.7555048	.3084323	.4137175	1.096292	1.568027
57	.8129679	1.066577	1.188633	.7530835	.3068082	.4115388	1.090519	1.672454
58	.8453790	1.110693	1.236527	.7519171	.3054611	.4097320	1.085731	1.776880
59	.8777902	1.154809	1.284420	.7520000	.3043878	.4082924	1.081916	1.881307
60	.9102014	1.198925	1.332314	.7533320	.3035853	.4072158	1.079063	1.985734
61	.9426125	1.243041	1.380208	.7559205	.3030515	.4064998	1.077166	2.090161
62	.9750236	1.287156	1.428102	.7597780	.3027849	.4061422	1.076218	2.194588
63	1.007435	1.331272	1.475996	.7649238	.3027849	.4061422	1.076218	2.299015
64	1.039846	1.375388	1.523890	.7713839	.3030515	.4064998	1.077166	2.403442
65	1.072257	1.419504	1.571784	.7791909	.3035853	.4072158	1.079063	2.507869

Table B-42
Victoria 1996 RNLS Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	7.551259	6.887208	7.670972	11.75489	.0000000	.0000000	.0000000	.0000000
4	4.571177	4.019535	4.452872	6.879073	.0000000	.0000000	.0000000	.0000000
5	3.132642	2.665598	2.938115	4.573444	.0000000	.0000000	.0000000	.0000000
6	2.319254	1.915756	2.101657	3.294637	.0000000	.0000000	.0000000	.0000000
7	1.809595	1.454988	1.589109	2.507708	.0000000	.0000000	.0000000	.0000000
8	1.612520	1.278076	1.392593	2.205763	.0000000	.0000000	.0000000	.0000000
9	1.465823	1.150390	1.251441	1.987466	.0000000	.0000000	.0000000	.0000000
10	1.339639	1.044224	1.134710	1.805547	.0000000	.0000000	.0000000	.0000000
11	1.228374	.9537079	1.035740	1.650085	.0000000	.0000000	.0000000	.0000000
12	1.128297	.8749300	.9500901	1.514465	.0000000	.0000000	.0000000	.0000000
13	1.036828	.8051814	.8746868	1.394109	.0000000	.0000000	.0000000	.0000000
14	.9521204	.7425274	.8073344	1.285746	.0000000	.0000000	.0000000	.0000000
15	.8728235	.6855488	.7464227	1.186977	.0000000	.0000000	.0000000	.0000000
16	.7979221	.6331816	.6907442	1.096003	.0000000	.0000000	.0000000	.0000000
17	.7266408	.5846121	.6393752	1.011450	.0000000	.0000000	.0000000	.0000000
18	.6583762	.5392075	.5915977	.9322457	.0000000	.0000000	.0000000	.0000000
19	.5926520	.4964677	.5468444	.8575466	.0000000	.0000000	.0000000	.0000000
20	.5444200	.4631245	.5114237	.7993259	.0000000	.0000000	.0000000	.0000000
21	.5210387	.4424199	.4883494	.7633610	.0000000	.0000000	.0000000	.0000000
22	.4992558	.4233924	.4671780	.7302307	.0000000	.0000000	.0000000	.0000000
23	.4788629	.4058228	.4476614	.6995654	.0000000	.0000000	.0000000	.0000000
24	.4596862	.3895293	.4295927	.6710570	.0000000	.0000000	.0000000	.0000000
25	.4415798	.3743586	.4127981	.6444465	.0000000	.0000000	.0000000	.0000000
26	.4244201	.3601810	.3971307	.6195151	.0000000	.0000000	.0000000	.0000000
27	.4081020	.3468863	.3824652	.5960761	.0000000	.0000000	.0000000	.0000000
28	.3925353	.3343800	.3686943	.5739697	.0000000	.0000000	.0000000	.0000000
29	.3776424	.3225804	.3557253	.5530580	.0000000	.0000000	.0000000	.0000000
30	.3633557	.3114168	.3434783	.5332215	.0000000	.0000000	.0000000	.0000000
31	.3496166	.3008278	.3318831	.5143561	.0000000	.0000000	.0000000	.0000000
32	.3363739	.2907594	.3208789	.4963709	.0000000	.0000000	.0000000	.0000000
33	.3235824	.2811643	.3104117	.4791857	.0000000	.0000000	.0000000	.0000000
34	.3112021	.2720008	.3004343	.4627302	.0000000	.0000000	.0000000	.0000000
35	.2991981	.2632319	.2909046	.4469416	.0000000	.0000000	.0000000	.0000000
36	.2875388	.2548246	.2817854	.4317645	.0000000	.0000000	.0000000	.0000000
37	.2761962	.2467497	.2730434	.4171491	.0000000	.0000000	.0000000	.0000000
38	.2651455	.2389809	.2646487	.4030513	.0000000	.0000000	.0000000	.0000000
39	.2543642	.2314947	.2565747	.3894311	.0000000	.0000000	.0000000	.0000000
40	.2438320	.2242699	.2487974	.3762527	.0000000	.0000000	.0000000	.0000000
41	.2335307	.2172874	.2412950	.3634840	.0000000	.0000000	.0000000	.0000000
42	.2234439	.2105297	.2340478	.3510954	.0000000	.0000000	.0000000	.0000000
43	.2135565	.2039814	.2270381	.3390605	.0000000	.0000000	.0000000	.0000000
44	.2038550	.1976280	.2202496	.3273553	.0000000	.0000000	.0000000	.0000000
45	.1943270	.1914566	.2136677	.3159577	.0000000	.0000000	.0000000	.0000000
46	.1849611	.1854554	.2072789	.3048477	.0000000	.0000000	.0000000	.0000000
47	.1757470	.1796134	.2010708	.2940070	.0000000	.0000000	.0000000	.0000000
48	.1669067	.1737837	.1948395	.2833055	.0000000	.0000000	.0000000	.0000000
49	.1604311	.1670171	.1872091	.2720806	.0000000	.0000000	.0000000	.0000000
50	.1543348	.1606474	.1800271	.2615180	.0000000	.0000000	.0000000	.0000000
51	.1485886	.1546439	.1732590	.2515665	.0000000	.0000000	.0000000	.0000000
52	.1431660	.1489790	.1668733	.2421798	.0000000	.0000000	.0000000	.0000000
53	.1380430	.1436275	.1608416	.2333157	.0000000	.0000000	.0000000	.0000000
54	.1331978	.1385666	.1551382	.2249360	.0000000	.0000000	.0000000	.0000000
55	.1286105	.1337754	.1497394	.2170059	.0000000	.0000000	.0000000	.0000000
56	.1242630	.1292350	.1446239	.2094938	.0000000	.0000000	.0000000	.0000000
57	.1201387	.1249281	.1397720	.2023706	.0000000	.0000000	.0000000	.0000000
58	.1162225	.1208388	.1351659	.1956099	.0000000	.0000000	.0000000	.0000000
59	.1125006	.1169526	.1307891	.1891873	.0000000	.0000000	.0000000	.0000000
60	.1089601	.1132562	.1266265	.1830808	.0000000	.0000000	.0000000	.0000000
61	.1055895	.1097374	.1226644	.1772696	.0000000	.0000000	.0000000	.0000000
62	.1023778	.1063848	.1188900	.1717351	.0000000	.0000000	.0000000	.0000000
63	.0993152	.1031881	.1152915	.1664600	.0000000	.0000000	.0000000	.0000000
64	.0963926	.1001377	.1118581	.1614280	.0000000	.0000000	.0000000	.0000000
65	.0936015	.0972247	.1085797	.1566245	.0000000	.0000000	.0000000	.0000000

Table B-43
Victoria 1996 RSTL, CC, and HTSK Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0823336	.0790178	.0655148	.0964312	.0000000	.0000000	.0000000	.7397392
--	.0083466	.0106656	.0110268	.0142772	.0000000	.0000000	.0000000	.0000000
--	.1543005	.1641319	.1363056	1.206029	.0000000	.0000000	.0000000	2.988655

Table B-44
Victoria 1996 VOC Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	12.96188	14.96425	17.03062	22.43093	1.635669	2.342109	5.802175	15.25778
4	9.245600	10.78561	12.21001	17.59686	1.552912	2.223610	5.508612	13.03615
5	7.227469	8.482319	9.559935	14.87176	1.475640	2.112964	5.234508	11.39070
6	5.970259	7.031895	7.894394	13.03984	1.403448	2.009592	4.978421	10.14873
7	5.115939	6.038891	6.755723	11.67406	1.335963	1.912960	4.739031	9.195076
8	4.597028	5.412791	6.035834	10.75800	1.272842	1.822578	4.515124	8.451296
9	4.197996	4.929670	5.481322	9.974669	1.213771	1.737994	4.305584	7.862856
10	3.873307	4.537658	5.032520	9.280136	1.158461	1.658796	4.109383	7.391118
11	3.602766	4.212103	4.660821	8.660109	1.106644	1.584600	3.925574	7.008224
12	3.372847	3.936403	4.346984	8.103664	1.058076	1.515055	3.753290	6.693758
13	3.174156	3.698975	4.077601	7.602146	1.012530	1.449838	3.591726	6.432515
14	2.999962	3.491498	3.843053	7.148500	.9697976	1.388650	3.440142	6.213025
15	2.845322	3.307848	3.636262	6.736876	.9296863	1.331215	3.297857	6.026515
16	2.706525	3.143421	3.451916	6.362340	.8920188	1.277279	3.164239	5.866205
17	2.580734	2.994698	3.285951	6.020685	.8566310	1.226607	3.038709	5.726801
18	2.465743	2.858950	3.135211	5.708292	.8233713	1.178983	2.920728	5.604140
19	2.359814	2.734030	2.997213	5.422023	.7920997	1.134205	2.809798	5.494933
20	2.261005	2.632411	2.886027	5.166301	.7626867	1.092088	2.705462	5.396574
21	2.176988	2.539794	2.782371	4.942311	.7350124	1.052462	2.607294	5.306993
22	2.100071	2.455002	2.687749	4.737208	.7089658	1.015166	2.514899	5.224559
23	2.029319	2.376992	2.600956	4.549132	.6844444	.9800535	2.427915	5.147991
24	1.963955	2.304912	2.520999	4.376439	.6613526	.9469886	2.346003	5.076296
25	1.903334	2.238056	2.447053	4.217668	.6396028	.9158450	2.268849	5.008709
26	1.846914	2.175844	2.378429	4.071519	.6191126	.8865054	2.196165	4.944667
27	1.794235	2.117790	2.314548	3.936834	.5998066	.8588609	2.127681	4.883758
28	1.744906	2.063487	2.254920	3.812580	.5816143	.8328112	2.063148	4.825699
29	1.698595	2.012591	2.199129	3.697831	.5644701	.8082627	2.002333	4.770305
30	1.655012	1.964808	2.146819	3.591759	.5483136	.7851283	1.945021	4.717472
31	1.613908	1.919885	2.097681	3.493621	.5330884	.7633274	1.891013	4.667162
32	1.575066	1.877602	2.051447	3.402749	.5187423	.7427855	1.840124	4.619370
33	1.538295	1.837767	2.007885	3.318542	.5052267	.7234324	1.792180	4.574128
34	1.503424	1.800206	1.966786	3.240461	.4924965	.7052040	1.747022	4.531485
35	1.470306	1.764768	1.927968	3.168018	.4805097	.6880401	1.704502	4.491496
36	1.438805	1.731311	1.891266	3.100774	.4692273	.6718849	1.664480	4.454219
37	1.408801	1.699707	1.856530	3.038333	.4586133	.6566867	1.626829	4.419695
38	1.380186	1.669838	1.823627	2.980337	.4486339	.6423973	1.591430	4.387968
39	1.352860	1.641594	1.792430	2.926463	.4392582	.6289722	1.558171	4.359047
40	1.326732	1.614869	1.762826	2.876419	.4304570	.6163698	1.526951	4.332924
41	1.301720	1.589566	1.734707	2.829942	.4222035	.6045517	1.497673	4.309562
42	1.277746	1.565585	1.707973	2.786794	.4144728	.5934821	1.470250	4.288888
43	1.254738	1.542835	1.682527	2.746759	.4072419	.5831282	1.444600	4.270798
44	1.232627	1.521221	1.658276	2.709644	.4004894	.5734594	1.420648	4.255132
45	1.211349	1.500649	1.635132	2.675274	.3941956	.5644473	1.398322	4.241694
46	1.190840	1.481022	1.613006	2.643491	.3883424	.5560660	1.377558	4.230224
47	1.171040	1.462237	1.591809	2.614156	.3829128	.5482915	1.358298	4.220393
48	1.152120	1.444159	1.571380	2.587024	.3778915	.5411016	1.340487	4.211814
49	1.147825	1.439666	1.566185	2.561255	.3732646	.5344762	1.324073	4.211814
50	1.143779	1.435433	1.561292	2.537942	.3690187	.5283966	1.309012	4.211814
51	1.139962	1.431441	1.556679	2.516968	.3651424	.5228461	1.295262	4.211814
52	1.136357	1.427671	1.552324	2.498229	.3616248	.5178093	1.282784	4.211814
53	1.132950	1.424108	1.548208	2.481635	.3584565	.5132726	1.271545	4.211814
54	1.129724	1.420735	1.544313	2.467106	.3556287	.5092236	1.261514	4.211814
55	1.126668	1.417540	1.540625	2.454574	.3531339	.5056512	1.252664	4.211814
56	1.163886	1.473389	1.604889	2.443985	.3509653	.5025459	1.244972	4.321306
57	1.201250	1.529391	1.669332	2.435290	.3491171	.4998995	1.238415	4.430798
58	1.238752	1.585537	1.733941	2.428455	.3475843	.4977048	1.232978	4.540288
59	1.276381	1.641817	1.798705	2.423453	.3463630	.4959560	1.228646	4.649780
60	1.314130	1.698222	1.863614	2.420267	.3454497	.4946483	1.225407	4.759271
61	1.351990	1.754744	1.928659	2.418889	.3448423	.4937786	1.223252	4.868763
62	1.389956	1.811376	1.993831	2.419320	.3445390	.4933442	1.222176	4.978253
63	1.428020	1.868110	2.059123	2.421571	.3445390	.4933442	1.222176	5.087745
64	1.466176	1.924942	2.124526	2.425662	.3448423	.4937786	1.223252	5.197236
65	1.504419	1.981864	2.190034	2.431621	.3454497	.4946483	1.225407	5.306727

Table B-45
Victoria 1996 CO Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	105.9780	131.9146	152.3617	218.9430	5.375589	6.190707	40.70939	169.8933
4	81.51921	101.3537	116.6260	200.0388	4.954211	5.705435	37.51830	135.4935
5	66.66933	82.62238	94.71178	183.1694	4.574183	5.267781	34.64034	110.6651
6	56.70397	69.99355	79.92186	168.0920	4.230999	4.872559	32.04140	92.34384
7	49.56508	60.93319	69.29776	154.5954	3.920692	4.515199	29.69144	78.54836
8	44.20845	54.13851	61.31972	142.4956	3.639761	4.191670	27.56395	67.96663
9	40.04678	48.86901	55.12415	131.6322	3.385116	3.898412	25.63552	59.71026
10	36.72419	44.67238	50.18364	121.8647	3.154021	3.632275	23.88543	53.16519
11	34.01250	41.25680	46.15796	113.0705	2.944056	3.390472	22.29536	47.89875
12	31.75872	38.42574	42.81807	105.1420	2.753074	3.170532	20.84906	43.60065
13	29.85650	36.04211	40.00431	97.98471	2.579171	2.970259	19.53209	40.04472
14	28.22966	34.00746	37.60215	91.51578	2.420655	2.787706	18.33164	37.06359
15	26.82225	32.24940	35.52738	85.66219	2.276020	2.621140	17.23632	34.53181
16	25.59227	30.71355	33.71687	80.35959	2.143925	2.469015	16.23596	32.35421
17	24.50764	29.35841	32.12238	75.55126	2.023175	2.329956	15.32153	30.45788
18	23.54346	28.15180	30.70648	71.18709	1.912704	2.202734	14.48493	28.78648
19	22.68011	27.06855	29.43981	67.22274	1.811560	2.086252	13.71896	27.29631
20	21.78219	26.16162	28.42617	63.61895	1.718889	1.979530	13.01716	25.95325
21	20.84500	25.12725	27.31925	60.34098	1.633930	1.881688	12.37377	24.73070
22	19.99138	24.18074	26.31092	57.35795	1.555999	1.791941	11.78360	23.60792
23	19.21027	23.31022	25.38794	54.64247	1.484485	1.709583	11.24202	22.56876
24	18.49253	22.50608	24.53944	52.17019	1.418838	1.633981	10.74487	21.60077
25	17.83058	21.76052	23.75639	49.91948	1.358564	1.564567	10.28842	20.69444
26	17.21804	21.06713	23.03131	47.87107	1.303220	1.500831	9.869299	19.84253
27	16.64957	20.42069	22.35793	46.00783	1.252408	1.442315	9.484500	19.03963
28	16.12063	19.81681	21.73096	44.31448	1.205770	1.388604	9.131307	18.28177
29	15.62733	19.25189	21.14590	42.77747	1.162983	1.339330	8.807281	17.56602
30	15.16636	18.72282	20.59893	41.38470	1.123758	1.294157	8.510229	16.89029
31	14.73481	18.22697	20.08675	40.12547	1.087833	1.252785	8.238174	16.25308
32	14.33018	17.76205	19.60649	38.99024	1.054976	1.214946	7.989346	15.65330
33	13.95026	17.32603	19.15565	37.97057	1.024975	1.180395	7.762146	15.09008
34	13.59310	16.91710	18.73202	37.05901	.9976410	1.148916	7.555145	14.56278
35	13.25694	16.53363	18.33363	36.24899	.9728048	1.120314	7.367061	14.07070
36	12.94025	16.17409	17.95871	35.53476	.9503149	1.094414	7.196745	13.61320
37	12.64161	15.83710	17.60566	34.91133	.9300361	1.071060	7.043173	13.18955
38	12.35976	15.52134	17.27302	34.37438	.9118481	1.050115	6.905435	12.79885
39	12.09352	15.22558	16.95945	33.92023	.8956442	1.031454	6.782724	12.44014
40	11.84184	14.94862	16.66367	33.54580	.8813311	1.014970	6.674330	12.11220
41	11.60372	14.68929	16.38453	33.24856	.8688264	1.000569	6.579631	11.81359
42	11.37823	14.44646	16.12090	33.02654	.8580594	.9881698	6.498094	11.54275
43	11.16450	14.21896	15.87171	32.87825	.8489696	.9777016	6.429255	11.29772
44	10.96170	14.00560	15.63591	32.80272	.8415062	.9691066	6.372736	11.07632
45	10.76902	13.80513	15.41247	32.79944	.8356279	.9623369	6.328218	10.87601
46	10.58564	13.61617	15.20036	32.86839	.8313022	.9573553	6.295460	10.69389
47	10.41077	13.43724	14.99852	33.01003	.8285054	.9541343	6.274280	10.52660
48	10.24359	13.26669	14.80586	33.22530	.8272223	.9526566	6.264563	10.37036
49	10.24359	13.26669	14.80586	33.51562	.8274456	.9529140	6.266254	10.37036
50	10.24359	13.26669	14.80586	33.88293	.8291768	.9549075	6.279365	10.37036
51	10.24359	13.26669	14.80586	34.32972	.8324252	.9586486	6.303965	10.37036
52	10.24359	13.26669	14.80586	34.85901	.8372086	.9641574	6.340191	10.37036
53	10.24359	13.26669	14.80586	35.47440	.8435535	.9714644	6.388240	10.37036
54	10.24359	13.26669	14.80586	36.18018	.8514948	.9806098	6.448379	10.37036
55	10.24359	13.26669	14.80586	36.98127	.8610766	.9916444	6.520941	10.37036
56	11.71412	15.51372	17.35907	37.88334	.8723523	1.004630	6.606334	12.86784
57	13.18464	17.76074	19.91228	38.89289	.8853857	1.019640	6.705035	15.36532
58	14.65517	20.00777	22.46550	40.01729	.9002509	1.036759	6.817609	17.86281
59	16.12570	22.25480	25.01871	41.26487	.9170330	1.056086	6.944699	20.36029
60	17.59622	24.50182	27.57193	42.64507	.9358296	1.077733	7.087048	22.85778
61	19.06675	26.74885	30.12514	44.16848	.9567513	1.101827	7.245486	25.35526
62	20.53728	28.99588	32.67835	45.84708	.9799225	1.128511	7.420963	27.85274
63	22.00780	31.24290	35.23157	47.69429	1.005483	1.157948	7.614534	30.35023
64	23.47833	33.48993	37.78478	49.72518	1.033590	1.190317	7.827388	32.84771
65	24.94886	35.73695	40.33800	51.95675	1.064418	1.225819	8.060848	35.34520

Table B-46
Victoria 1996 NOX Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.303788	2.588753	2.856538	4.346863	2.804023	3.180156	28.05130	.8587984
4	2.112843	2.375444	2.623158	4.391845	2.685925	3.046216	26.86986	.8214276
5	1.997652	2.246907	2.483128	4.436827	2.576457	2.922064	25.77475	.7904159
6	1.920470	2.161019	2.389869	4.481808	2.474962	2.806955	24.75940	.7652757
7	1.865110	2.099699	2.323406	4.526790	2.380844	2.700212	23.81785	.7455366
8	1.823467	2.053886	2.273744	4.571772	2.293560	2.601219	22.94466	.7307454
9	1.791029	2.018524	2.235322	4.616754	2.212615	2.509417	22.13490	.7204659
10	1.765084	1.990566	2.204797	4.661735	2.137560	2.424294	21.38405	.7142793
11	1.743899	1.968056	2.180036	4.706716	2.067986	2.345386	20.68803	.7117833
12	1.726313	1.949681	2.159612	4.751698	2.003519	2.272272	20.04310	.7125935
13	1.711519	1.934520	2.142534	4.796679	1.943820	2.204565	19.44588	.7163422
14	1.698935	1.921908	2.128090	4.841661	1.888580	2.141915	18.89326	.7226785
15	1.688132	1.911347	2.115757	4.886642	1.837517	2.084002	18.38243	.7312693
16	1.678786	1.902461	2.105138	4.931624	1.790375	2.030537	17.91082	.7417981
17	1.670646	1.894953	2.095930	4.976606	1.746921	1.981254	17.47612	.7539656
18	1.663515	1.888588	2.087893	5.021588	1.706945	1.935915	17.07619	.7674898
19	1.657237	1.883180	2.080838	5.066569	1.670253	1.894302	16.70913	.7821057
20	1.658836	1.881303	2.078024	5.111551	1.636672	1.856216	16.37319	.7975655
21	1.669091	1.894003	2.092016	5.156533	1.606046	1.821482	16.06680	.8136382
22	1.678501	1.905757	2.104837	5.201515	1.578232	1.789937	15.78855	.8301102
23	1.687172	1.916674	2.116636	5.246496	1.553103	1.761437	15.53717	.8467849
24	1.695196	1.926842	2.127535	5.291477	1.530547	1.735855	15.31152	.8634830
25	1.702646	1.936334	2.137635	5.336459	1.510461	1.713075	15.11058	.8800423
26	1.709588	1.945212	2.147025	5.381441	1.492758	1.692997	14.93347	.8963169
27	1.716075	1.953530	2.155779	5.426422	1.477358	1.675531	14.77941	.9121795
28	1.722152	1.961332	2.163963	5.471404	1.464194	1.660602	14.64773	.9275187
29	1.727861	1.968660	2.171632	5.516386	1.453210	1.648145	14.53784	.9422406
30	1.733238	1.975547	2.178836	5.561368	1.444358	1.638105	14.44929	.9562686
31	1.738312	1.982028	2.185619	5.606349	1.437600	1.630440	14.38168	.9695427
32	1.743114	1.988130	2.192022	5.651331	1.432907	1.625118	14.33473	.9820210
33	1.747667	1.993883	2.198080	5.696313	1.430258	1.622114	14.30823	.9936773
34	1.751995	1.999313	2.203826	5.741294	1.429644	1.621417	14.30208	1.004504
35	1.756120	2.004445	2.209291	5.786276	1.431060	1.623023	14.31625	1.014509
36	1.760062	2.009305	2.214503	5.831257	1.434513	1.626939	14.35079	1.023719
37	1.763841	2.013917	2.219490	5.876239	1.440017	1.633182	14.40586	1.032177
38	1.767474	2.018308	2.224277	5.921221	1.447597	1.641779	14.48169	1.039943
39	1.770978	2.022502	2.228888	5.966202	1.457285	1.652766	14.57861	1.047094
40	1.774373	2.026525	2.233348	6.011184	1.469122	1.666191	14.69703	1.053724
41	1.777673	2.030406	2.237681	6.056166	1.483160	1.682112	14.83746	1.059945
42	1.780897	2.034170	2.241908	6.101147	1.499460	1.700598	15.00052	1.065885
43	1.784060	2.037847	2.246053	6.146129	1.518093	1.721731	15.18693	1.071691
44	1.787181	2.041466	2.250139	6.191111	1.539142	1.745603	15.39750	1.077525
45	1.790275	2.045058	2.254187	6.236093	1.562700	1.772321	15.63317	1.083566
46	1.793360	2.048657	2.258222	6.281075	1.588873	1.802006	15.89501	1.090013
47	1.796455	2.052294	2.262265	6.326056	1.617780	1.834790	16.18420	1.097079
48	1.799577	2.056006	2.266340	6.371037	1.649554	1.870826	16.50206	1.104995
49	1.866650	2.138617	2.359327	6.416018	1.684342	1.910281	16.85008	1.140976
50	1.933723	2.221228	2.452314	6.461000	1.722308	1.953339	17.22988	1.176957
51	2.000796	2.303839	2.545302	6.505982	1.763632	2.000206	17.64328	1.212939
52	2.067869	2.386451	2.638289	6.550964	1.808513	2.051108	18.09228	1.248920
53	2.134943	2.469062	2.731276	6.595945	1.857172	2.106295	18.57906	1.284902
54	2.202016	2.551673	2.824263	6.640927	1.909851	2.166039	19.10605	1.320883
55	2.269089	2.634284	2.917250	6.685909	1.966814	2.230644	19.67591	1.356864
56	2.336162	2.716895	3.010237	6.730890	2.028355	2.300439	20.29156	1.392846
57	2.403235	2.799507	3.103224	6.775872	2.094794	2.375790	20.95621	1.428827
58	2.470309	2.882118	3.196212	6.820853	2.166483	2.457096	21.67339	1.464809
59	2.537382	2.964729	3.289199	6.865834	2.243809	2.544795	22.44696	1.500790
60	2.604455	3.047340	3.382186	6.910817	2.327198	2.639370	23.28118	1.536771
61	2.671528	3.129952	3.475173	6.955799	2.417116	2.741349	24.18071	1.572753
62	2.738601	3.212563	3.568160	7.000781	2.514075	2.851315	25.15068	1.608734
63	2.805675	3.295174	3.661148	7.045762	2.618640	2.969906	26.19675	1.644716
64	2.872748	3.377786	3.754135	7.090743	2.731430	3.097825	27.32508	1.680697
65	2.939821	3.460396	3.847121	7.135725	2.853125	3.235846	28.54253	1.716678

Table B-47
Victoria 1996 EXHS Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	7.821975	9.732788	11.19707	12.06968	1.635669	2.342109	5.802175	12.58055
4	6.031236	7.536187	8.641396	11.01774	1.552912	2.223610	5.508612	10.35891
5	4.945259	6.187512	7.075389	10.07419	1.475640	2.112964	5.234508	8.713467
6	4.216492	5.275740	6.018012	9.226749	1.403448	2.009592	4.978421	7.471493
7	3.694083	4.619603	5.257639	8.464634	1.335963	1.912960	4.739031	6.517841
8	3.301705	4.126041	4.685863	7.778370	1.272842	1.822578	4.515124	5.774062
9	2.996508	3.742160	4.241195	7.159619	1.213771	1.737994	4.305584	5.185621
10	2.752555	3.435618	3.886101	6.601038	1.158461	1.658796	4.109383	4.713883
11	2.553224	3.185519	3.596377	6.096146	1.106644	1.584600	3.925574	4.330990
12	2.387371	2.977764	3.355714	5.639225	1.058076	1.515055	3.753290	4.016523
13	2.247249	2.802504	3.152736	5.225220	1.012530	1.449838	3.591726	3.755280
14	2.127307	2.652655	2.979273	4.849651	.9697976	1.388650	3.440142	3.535791
15	2.023463	2.523001	2.829313	4.508555	.9296863	1.331215	3.297857	3.349281
16	1.932657	2.409620	2.698340	4.198414	.8920188	1.277279	3.164239	3.188971
17	1.852545	2.309513	2.582901	3.916102	.8566310	1.226607	3.038709	3.049566
18	1.781306	2.220355	2.480313	3.658843	.8233713	1.178983	2.920728	2.926906
19	1.717507	2.140321	2.388471	3.424162	.7920997	1.134205	2.809798	2.817698
20	1.649994	2.070862	2.310918	3.209858	.7626867	1.092088	2.705462	2.719338
21	1.581912	1.992249	2.223205	3.013966	.7350124	1.052462	2.607294	2.629759
22	1.519908	1.920390	2.143270	2.834730	.7089658	1.015166	2.514899	2.547325
23	1.463180	1.854380	2.070070	2.670583	.6844444	.9800535	2.427915	2.470757
24	1.411066	1.793482	2.002749	2.520120	.6613526	.9469886	2.346003	2.399061
25	1.363010	1.737090	1.940597	2.382086	.6396028	.9158450	2.268849	2.331475
26	1.318551	1.684707	1.883023	2.255354	.6191126	.8865054	2.196165	2.267433
27	1.277295	1.635917	1.829530	2.138911	.5998066	.8588609	2.127681	2.206524
28	1.238911	1.590373	1.779699	2.031850	.5816143	.8328112	2.063148	2.148464
29	1.203113	1.547784	1.733175	1.933355	.5644701	.8082627	2.002333	2.093071
30	1.169656	1.507900	1.689655	1.842691	.5483136	.7851283	1.945021	2.040238
31	1.138329	1.470510	1.648876	1.759196	.5330884	.7633274	1.891013	1.989928
32	1.108947	1.435426	1.610612	1.682274	.5187423	.7427855	1.840124	1.942136
33	1.081347	1.402488	1.574663	1.611390	.5052267	.7234324	1.792180	1.896893
34	1.055386	1.371548	1.540855	1.546055	.4924965	.7052040	1.747022	1.854251
35	1.030936	1.342477	1.509032	1.485835	.4805097	.6880401	1.704502	1.814262
36	1.007884	1.315156	1.479053	1.430332	.4692273	.6718849	1.664480	1.776984
37	.9861267	1.289476	1.450792	1.379191	.4586133	.6566867	1.626829	1.742461
38	.9655713	1.265335	1.424133	1.332087	.4486339	.6423973	1.591430	1.710734
39	.9461333	1.242638	1.398970	1.288729	.4392582	.6289722	1.558171	1.681813
40	.9277348	1.221293	1.375203	1.248854	.4304570	.6163698	1.526951	1.655690
41	.9103044	1.201214	1.352740	1.212224	.4222035	.6045517	1.497673	1.632327
42	.8937749	1.182315	1.331492	1.178623	.4144728	.5934821	1.470250	1.611653
43	.8780838	1.164512	1.311376	1.147857	.4072419	.5831282	1.444600	1.593563
44	.8631713	1.147720	1.292309	1.119751	.4004894	.5734594	1.420648	1.577898
45	.8489809	1.131853	1.274212	1.094149	.3941956	.5644473	1.398322	1.564460
46	.8354565	1.116823	1.257006	1.070908	.3883424	.5560660	1.377558	1.552989
47	.8225439	1.102533	1.240609	1.049902	.3829128	.5482915	1.358298	1.543158
48	.8101885	1.088883	1.224941	1.031018	.3778915	.5411016	1.340487	1.534580
49	.8101885	1.088883	1.224941	1.014156	.3732646	.5344762	1.324073	1.534580
50	.8101885	1.088883	1.224941	.9992268	.3690187	.5283966	1.309012	1.534580
51	.8101885	1.088883	1.224941	.9861534	.3651424	.5228461	1.295262	1.534580
52	.8101885	1.088883	1.224941	.9748678	.3616248	.5178093	1.282784	1.534580
53	.8101885	1.088883	1.224941	.9653125	.3584565	.5132726	1.271545	1.534580
54	.8101885	1.088883	1.224941	.9574389	.3556287	.5092236	1.261514	1.534580
55	.8101885	1.088883	1.224941	.9512071	.3531339	.5056512	1.252664	1.534580
56	.8503044	1.147762	1.292702	.9465861	.3509653	.5025459	1.244972	1.644071
57	.8904201	1.206641	1.360464	.9435524	.3491171	.4998995	1.238415	1.753563
58	.9305360	1.265520	1.428225	.9420909	.3475843	.4977048	1.232978	1.863054
59	.9706518	1.324398	1.495987	.9421947	.3463630	.4959560	1.228646	1.972545
60	1.010768	1.383277	1.563748	.9438637	.3454497	.4946483	1.225407	2.082036
61	1.050884	1.442156	1.631509	.9471068	.3448423	.4937786	1.223252	2.191528
62	1.090999	1.501034	1.699271	.9519398	.3445390	.4933442	1.222176	2.301019
63	1.131115	1.559913	1.767032	.9583873	.3445390	.4933442	1.222176	2.410511
64	1.171231	1.618792	1.834793	.9664812	.3448423	.4937786	1.223252	2.520002
65	1.211347	1.677670	1.902555	.9762627	.3454497	.4946483	1.225407	2.629493

Table B-48
Victoria 1996 RNLS Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	4.912393	4.995397	5.623374	9.031877	.0000000	.0000000	.0000000	.0000000
4	2.986851	3.013350	3.358426	5.249746	.0000000	.0000000	.0000000	.0000000
5	2.054698	2.058735	2.274361	3.468194	.0000000	.0000000	.0000000	.0000000
6	1.526254	1.520084	1.666197	2.483715	.0000000	.0000000	.0000000	.0000000
7	1.194343	1.183217	1.287900	1.880052	.0000000	.0000000	.0000000	.0000000
8	1.067809	1.050680	1.139786	1.650252	.0000000	.0000000	.0000000	.0000000
9	.9739751	.9514398	1.029943	1.485677	.0000000	.0000000	.0000000	.0000000
10	.8932389	.8659693	.9362345	1.349724	.0000000	.0000000	.0000000	.0000000
11	.8220288	.7905133	.8542596	1.234588	.0000000	.0000000	.0000000	.0000000
12	.7579633	.7225682	.7810853	1.135065	.0000000	.0000000	.0000000	.0000000
13	.6993937	.6604006	.7146807	1.047552	.0000000	.0000000	.0000000	.0000000
14	.6451422	.6027725	.6535951	.9694749	.0000000	.0000000	.0000000	.0000000
15	.5943453	.5487761	.5967648	.8989469	.0000000	.0000000	.0000000	.0000000
16	.5463554	.4977305	.5433918	.8345524	.0000000	.0000000	.0000000	.0000000
17	.5006768	.4491148	.4928662	.7752092	.0000000	.0000000	.0000000	.0000000
18	.4569246	.4025242	.4447133	.7200752	.0000000	.0000000	.0000000	.0000000
19	.4147945	.3576388	.3985585	.6684860	.0000000	.0000000	.0000000	.0000000
20	.3834975	.3254783	.3649249	.6270680	.0000000	.0000000	.0000000	.0000000
21	.3675637	.3114732	.3489814	.5989704	.0000000	.0000000	.0000000	.0000000
22	.3526506	.2985411	.3342953	.5731030	.0000000	.0000000	.0000000	.0000000
23	.3386251	.2865420	.3207023	.5491751	.0000000	.0000000	.0000000	.0000000
24	.3253763	.2753593	.3080660	.5269444	.0000000	.0000000	.0000000	.0000000
25	.3128107	.2648951	.2962714	.5062070	.0000000	.0000000	.0000000	.0000000
26	.3008498	.2550665	.2852216	.4867907	.0000000	.0000000	.0000000	.0000000
27	.2894263	.2458028	.2748336	.4685486	.0000000	.0000000	.0000000	.0000000
28	.2784826	.2370435	.2650367	.4513551	.0000000	.0000000	.0000000	.0000000
29	.2679690	.2287364	.2557697	.4351016	.0000000	.0000000	.0000000	.0000000
30	.2578426	.2208363	.2469796	.4196941	.0000000	.0000000	.0000000	.0000000
31	.2480659	.2133038	.2386202	.4050507	.0000000	.0000000	.0000000	.0000000
32	.2386061	.2061045	.2306512	.3910998	.0000000	.0000000	.0000000	.0000000
33	.2294344	.1992081	.2230370	.3777785	.0000000	.0000000	.0000000	.0000000
34	.2205254	.1925878	.2157464	.3650312	.0000000	.0000000	.0000000	.0000000
35	.2118566	.1862200	.2087516	.3528087	.0000000	.0000000	.0000000	.0000000
36	.2034079	.1800836	.2020280	.3410672	.0000000	.0000000	.0000000	.0000000
37	.1951615	.1741599	.1955537	.3297678	.0000000	.0000000	.0000000	.0000000
38	.1871014	.1684320	.1893087	.3188756	.0000000	.0000000	.0000000	.0000000
39	.1792133	.1628850	.1832757	.3083592	.0000000	.0000000	.0000000	.0000000
40	.1714844	.1575053	.1774387	.2981905	.0000000	.0000000	.0000000	.0000000
41	.1639028	.1522805	.1717832	.2883440	.0000000	.0000000	.0000000	.0000000
42	.1564582	.1471997	.1662965	.2787967	.0000000	.0000000	.0000000	.0000000
43	.1491410	.1422528	.1609666	.2695277	.0000000	.0000000	.0000000	.0000000
44	.1419425	.1374306	.1557829	.2605181	.0000000	.0000000	.0000000	.0000000
45	.1348547	.1327249	.1507356	.2517505	.0000000	.0000000	.0000000	.0000000
46	.1278705	.1281281	.1458159	.2432092	.0000000	.0000000	.0000000	.0000000
47	.1209832	.1236332	.1410156	.2348797	.0000000	.0000000	.0000000	.0000000
48	.1144186	.1192051	.1362542	.2266321	.0000000	.0000000	.0000000	.0000000
49	.1101236	.1147120	.1310593	.2177241	.0000000	.0000000	.0000000	.0000000
50	.1060772	.1104793	.1261669	.2093403	.0000000	.0000000	.0000000	.0000000
51	.1022603	.1064871	.1215536	.2014403	.0000000	.0000000	.0000000	.0000000
52	.0986558	.1027174	.1171984	.1939873	.0000000	.0000000	.0000000	.0000000
53	.0952480	.0991536	.1130823	.1869479	.0000000	.0000000	.0000000	.0000000
54	.0920226	.0957810	.1091879	.1802922	.0000000	.0000000	.0000000	.0000000
55	.0889667	.0925858	.1054994	.1739925	.0000000	.0000000	.0000000	.0000000
56	.0860684	.0895558	.1020023	.1680238	.0000000	.0000000	.0000000	.0000000
57	.0833169	.0866795	.0986836	.1623632	.0000000	.0000000	.0000000	.0000000
58	.0807024	.0839466	.0955311	.1569897	.0000000	.0000000	.0000000	.0000000
59	.0782158	.0813477	.0925339	.1518841	.0000000	.0000000	.0000000	.0000000
60	.0758487	.0788739	.0896817	.1470289	.0000000	.0000000	.0000000	.0000000
61	.0735936	.0765173	.0869653	.1424077	.0000000	.0000000	.0000000	.0000000
62	.0714433	.0742705	.0843760	.1380059	.0000000	.0000000	.0000000	.0000000
63	.0693913	.0721266	.0819061	.1338095	.0000000	.0000000	.0000000	.0000000
64	.0674317	.0700794	.0795481	.1298060	.0000000	.0000000	.0000000	.0000000
65	.0655590	.0681231	.0772953	.1259836	.0000000	.0000000	.0000000	.0000000

Table B-49
Victoria 1996 RSTL, CC, and HTSK Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0797391	.0759022	.0651349	.0972422	.0000000	.0000000	.0000000	.6021678
--	.0092640	.0139192	.0149097	.0202444	.0000000	.0000000	.0000000	.0000000
--	.1385100	.1462495	.1301398	1.211888	.0000000	.0000000	.0000000	2.075067

Table B-50
Victoria 1996 Diurnal Emission Rates

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.1864829	.2423251	.2241306	.6066842	.0000000	.0000000	.0000000	2.597091

Table B-51
Victoria 1999 VOC Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	10.09917	11.82706	13.21239	14.32696	1.437445	1.928125	5.109254	13.47640
4	7.308064	8.621724	9.597481	11.47862	1.364717	1.830571	4.850750	11.31722
5	5.778891	6.842449	7.598617	9.806757	1.296810	1.739483	4.609380	9.718042
6	4.820111	5.716360	6.337028	8.643002	1.233366	1.654383	4.383877	8.510986
7	4.165238	4.942113	5.471131	7.751154	1.174060	1.574831	4.173076	7.584147
8	3.753409	4.443947	4.912189	7.121678	1.118588	1.500425	3.975909	6.861279
9	3.436663	4.058560	4.480431	6.577489	1.066676	1.430792	3.791392	6.289382
10	3.180274	3.745720	4.130672	6.092997	1.018069	1.365592	3.618623	5.830908
11	2.967811	3.485723	3.840613	5.659197	.9725317	1.304511	3.456766	5.458780
12	2.788291	3.265350	3.595333	5.269059	.9298494	1.247259	3.305056	5.153153
13	2.634090	3.075407	3.384477	4.916914	.8898230	1.193569	3.162786	4.899257
14	2.499758	2.909300	3.200639	4.598079	.8522694	1.143196	3.029305	4.685938
15	2.381290	2.762187	3.038378	4.308619	.8170192	1.095913	2.904013	4.504671
16	2.275683	2.630425	2.893615	4.045183	.7839166	1.051511	2.786352	4.348868
17	2.180642	2.511238	2.763230	3.804893	.7528174	1.009796	2.675813	4.213383
18	2.094379	2.402463	2.644798	3.585253	.7235883	.9705893	2.571921	4.094172
19	2.015491	2.302404	2.536407	3.384091	.6961065	.9337264	2.474240	3.988035
20	1.933741	2.211950	2.439631	3.203712	.6702579	.8990543	2.382364	3.892440
21	1.857570	2.129870	2.348048	3.044550	.6459376	.8664318	2.295919	3.805378
22	1.787977	2.054851	2.264593	2.898808	.6230475	.8357282	2.214559	3.725263
23	1.724099	1.985963	2.188199	2.765179	.6014977	.8068223	2.137963	3.650847
24	1.665224	1.922441	2.117980	2.642502	.5812044	.7796018	2.065833	3.581167
25	1.610754	1.863648	2.053195	2.529745	.5620904	.7539631	1.997893	3.515481
26	1.560187	1.809057	1.993218	2.425990	.5440835	.7298094	1.933890	3.453240
27	1.513098	1.758222	1.937520	2.330414	.5271171	.7070515	1.873584	3.394043
28	1.469123	1.710766	1.885649	2.242283	.5111293	.6856062	1.816758	3.337616
29	1.427952	1.666369	1.837216	2.160942	.4960629	.6653967	1.763205	3.283780
30	1.389316	1.624755	1.791887	2.085799	.4818644	.6463515	1.712738	3.232432
31	1.352980	1.585685	1.749371	2.016326	.4684843	.6284041	1.665180	3.183536
32	1.318740	1.548950	1.709412	1.952047	.4558768	.6114930	1.620368	3.137088
33	1.286417	1.514368	1.671788	1.892534	.4439992	.5955608	1.578150	3.093118
34	1.255852	1.481773	1.636302	1.837401	.4328116	.5805544	1.538385	3.051675
35	1.226902	1.451021	1.602778	1.786301	.4222775	.5664243	1.500943	3.012810
36	1.199441	1.421979	1.571062	1.738921	.4123624	.5531246	1.465701	2.976580
37	1.173356	1.394527	1.541013	1.694976	.4030347	.5406128	1.432546	2.943027
38	1.148544	1.368555	1.512504	1.654212	.3942648	.5288492	1.401374	2.912192
39	1.124912	1.343962	1.485424	1.616398	.3860252	.5177971	1.372088	2.884084
40	1.102374	1.320654	1.459667	1.581325	.3782906	.5074222	1.344596	2.858696
41	1.080854	1.298543	1.435140	1.548805	.3710374	.4976931	1.318815	2.835990
42	1.060278	1.277544	1.411756	1.518667	.3642435	.4885801	1.294667	2.815897
43	1.040580	1.257578	1.389434	1.490759	.3578889	.4800563	1.272080	2.798316
44	1.021698	1.238568	1.368102	1.464941	.3519548	.4720965	1.250988	2.783091
45	1.003573	1.220437	1.347689	1.441089	.3464237	.4646774	1.231328	2.770031
46	.9861468	1.203109	1.328130	1.419091	.3412798	.4577776	1.213044	2.758883
47	.9693660	1.186505	1.309363	1.398846	.3365082	.4513772	1.196085	2.749328
48	.9532882	1.170532	1.291289	1.380226	.3320955	.4454582	1.180400	2.740991
49	.9503762	1.167495	1.287888	1.362961	.3280292	.4400038	1.165947	2.740991
50	.9476327	1.164634	1.284685	1.347400	.3242979	.4349988	1.152684	2.740991
51	.9450448	1.161936	1.281664	1.333464	.3208914	.4304294	1.140576	2.740991
52	.9426008	1.159388	1.278813	1.321084	.3178001	.4262830	1.129588	2.740991
53	.9402900	1.156980	1.276118	1.310199	.3150158	.4225481	1.119692	2.740991
54	.9381028	1.154700	1.273568	1.300757	.3125307	.4192148	1.110859	2.740991
55	.9360307	1.152541	1.271153	1.292714	.3103382	.4162739	1.103066	2.740991
56	.9656892	1.192436	1.315938	1.286032	.3084323	.4137175	1.096292	2.847404
57	.9954473	1.232435	1.360840	1.280684	.3068082	.4115388	1.090519	2.953817
58	1.025298	1.272531	1.405850	1.276645	.3054611	.4097320	1.085731	3.060230
59	1.055236	1.312717	1.450963	1.273900	.3043878	.4082924	1.081916	3.166643
60	1.085255	1.352988	1.496170	1.272440	.3035853	.4072158	1.079063	3.273056
61	1.115349	1.393338	1.541466	1.272262	.3030515	.4064998	1.077166	3.379469
62	1.145515	1.433762	1.586845	1.273370	.3027849	.4061422	1.076218	3.485882
63	1.175747	1.474256	1.632303	1.275774	.3027849	.4061422	1.076218	3.592294
64	1.206042	1.514815	1.677834	1.279490	.3030515	.4064998	1.077166	3.698707
65	1.236396	1.555436	1.723433	1.284542	.3035853	.4072158	1.079063	3.805120

Table B-52
Victoria 1999 CO Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	89.72363	103.6029	118.0252	132.5152	5.011814	5.524984	38.58336	150.0722
4	69.56432	80.35678	91.29271	121.0734	4.618952	5.091896	35.55893	119.6857
5	57.42339	66.28171	75.12900	110.8632	4.264640	4.701306	32.83126	97.75404
6	49.31496	56.85759	64.30693	101.7376	3.944680	4.348584	30.36806	81.57027
7	43.52050	50.11845	56.56232	93.56883	3.655371	4.029653	28.14082	69.38428
8	39.17632	45.06872	50.75216	86.24544	3.393453	3.740915	26.12444	60.03710
9	35.80050	41.14959	46.23634	79.67033	3.156039	3.479192	24.29672	52.74399
10	33.10297	38.02308	42.62835	73.75858	2.940583	3.241676	22.63803	46.96251
11	30.89867	35.47279	39.68102	68.43589	2.744826	3.025875	21.13100	42.31050
12	29.06396	33.35375	37.22899	63.63715	2.566769	2.829586	19.76023	38.51385
13	27.51312	31.56526	35.15753	59.30523	2.404634	2.650850	18.51204	35.37278
14	26.18488	30.03519	33.38455	55.38990	2.256845	2.487928	17.37428	32.73946
15	25.03424	28.71055	31.84983	51.84702	2.121997	2.339273	16.33616	30.50306
16	24.02746	27.55158	30.50817	48.63762	1.998841	2.203507	15.38805	28.57951
17	23.13874	26.52790	29.32508	45.72739	1.886263	2.079402	14.52137	26.90442
18	22.34806	25.61595	28.27371	43.08596	1.783268	1.965861	13.72846	25.42802
19	21.63962	24.79722	27.33295	40.68654	1.688968	1.861905	13.00249	24.11171
20	20.78117	23.94075	26.39878	38.50536	1.602568	1.766659	12.33735	22.92534
21	19.78632	22.87767	25.23560	36.52136	1.523359	1.679339	11.72755	21.84542
22	18.88054	21.90741	24.17750	34.71589	1.450702	1.599243	11.16821	20.85363
23	18.05217	21.01770	23.21070	33.07234	1.384027	1.525741	10.65491	19.93570
24	17.29153	20.19848	22.32371	31.57600	1.322823	1.458269	10.18373	19.08065
25	16.59055	19.44144	21.50695	30.21376	1.266627	1.396320	9.751112	18.28007
26	15.94243	18.73965	20.75235	28.97395	1.215029	1.339438	9.353880	17.52754
27	15.34143	18.08734	20.05306	27.84623	1.167655	1.287214	8.989178	16.81832
28	14.78264	17.47962	19.40322	26.82133	1.124173	1.239280	8.654429	16.14887
29	14.26186	16.91232	18.79782	25.89105	1.084282	1.195304	8.347326	15.51663
30	13.77546	16.38188	18.23254	25.04808	1.047711	1.154988	8.065786	14.91974
31	13.32028	15.88522	17.70358	24.28594	1.014218	1.118066	7.807940	14.35687
32	12.89355	15.41961	17.20768	23.59883	.9835839	1.084295	7.572106	13.82706
33	12.49285	14.98269	16.74194	22.98168	.9556130	1.053460	7.356771	13.32955
34	12.11603	14.57231	16.30381	22.42996	.9301287	1.025367	7.160583	12.86377
35	11.76115	14.18657	15.89104	21.93969	.9069733	.9998403	6.982320	12.42910
36	11.42653	13.82375	15.50160	21.50741	.8860053	.9767254	6.820899	12.02497
37	11.11060	13.48227	15.13370	21.13007	.8670988	.9558830	6.675348	11.65075
38	10.81199	13.16069	14.78570	20.80508	.8501416	.9371895	6.544803	11.30564
39	10.52943	12.85768	14.45613	20.53021	.8350344	.9205354	6.428501	10.98878
40	10.26178	12.57200	14.14367	20.30358	.8216898	.9058245	6.325767	10.69909
41	10.00797	12.30248	13.84710	20.12369	.8100314	.8929724	6.236014	10.43533
42	9.767042	12.04803	13.56529	19.98931	.7999930	.8819062	6.158734	10.19608
43	9.538085	11.80756	13.29722	19.89956	.7915183	.8725636	6.093492	9.979636
44	9.320251	11.58004	13.04193	19.85384	.7845600	.8648928	6.039923	9.784068
45	9.112728	11.36439	12.79852	19.85186	.7790795	.8588511	5.997731	9.607126
46	8.914729	11.15954	12.56614	19.89359	.7750465	.8544052	5.966684	9.446256
47	8.725491	10.96434	12.34401	19.97931	.7724390	.8515307	5.946609	9.298480
48	8.544246	10.77758	12.13133	20.10960	.7712426	.8502118	5.937400	9.160467
49	8.544246	10.77758	12.13133	20.28532	.7714509	.8504415	5.939003	9.160467
50	8.544246	10.77758	12.13133	20.50764	.7730650	.8522208	5.951428	9.160467
51	8.544246	10.77758	12.13133	20.77805	.7760935	.8555595	5.974744	9.160467
52	8.544246	10.77758	12.13133	21.09840	.7805533	.8604759	6.009077	9.160467
53	8.544246	10.77758	12.13133	21.47088	.7864687	.8669971	6.054618	9.160467
54	8.544246	10.77758	12.13133	21.89805	.7938727	.8751590	6.111616	9.160467
55	8.544246	10.77758	12.13133	22.38290	.8028060	.8850071	6.180389	9.160467
56	9.573601	12.25373	13.79821	22.92888	.8133187	.8965961	6.261322	11.36657
57	10.60295	13.72989	15.46510	23.53991	.8254701	.9099917	6.354869	13.57268
58	11.63231	15.20604	17.13198	24.22045	.8393292	.9252700	6.461563	15.77879
59	12.66166	16.68220	18.79886	24.97555	.8549757	.9425186	6.582017	17.98490
60	13.69102	18.15835	20.46575	25.81091	.8725004	.9618375	6.716931	20.19101
61	14.72038	19.63451	22.13263	26.73296	.8920062	.9833406	6.867096	22.39711
62	15.74973	21.11066	23.79951	27.74894	.9136094	1.007156	7.033408	24.60322
63	16.77909	22.58682	25.46640	28.86695	.9374402	1.033427	7.216870	26.80933
64	17.80844	24.06297	27.13328	30.09615	.9636451	1.062315	7.418607	29.01543
65	18.83780	25.53913	28.80016	31.44681	.9923868	1.094000	7.639875	31.22154

Table B-53
Victoria 1999 NOX Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.159742	2.466627	2.818985	3.987194	2.416976	2.661671	23.16170	.9264835
4	1.977547	2.259155	2.580721	4.028453	2.315180	2.549569	22.18619	.8861674
5	1.867919	2.134408	2.437785	4.069714	2.220822	2.445658	21.28196	.8527116
6	1.794651	2.051181	2.342544	4.110973	2.133337	2.349316	20.44360	.8255899
7	1.742219	1.991795	2.274582	4.152233	2.052210	2.259976	19.66617	.8042951
8	1.702855	1.947400	2.223687	4.193492	1.976974	2.177123	18.94518	.7883381
9	1.672238	1.913065	2.184182	4.234753	1.907202	2.100287	18.27657	.7772484
10	1.647771	1.885824	2.152661	4.276012	1.842507	2.029043	17.65660	.7705742
11	1.627799	1.863780	2.126953	4.317272	1.782536	1.963001	17.08191	.7678816
12	1.611213	1.845660	2.105607	4.358532	1.726968	1.901806	16.54940	.7687557
13	1.597245	1.830578	2.087622	4.399792	1.675510	1.845138	16.05627	.7727997
14	1.585342	1.817895	2.072278	4.441051	1.627894	1.792702	15.59999	.7796354
15	1.575099	1.807139	2.059047	4.482310	1.583879	1.744232	15.17819	.7889032
16	1.566208	1.797950	2.047533	4.523571	1.543245	1.699483	14.78880	.8002619
17	1.558435	1.790051	2.037432	4.564830	1.505789	1.658236	14.42986	.8133884
18	1.551592	1.783223	2.028507	4.606090	1.471331	1.620289	14.09965	.8279786
19	1.545535	1.777290	2.020570	4.647350	1.439704	1.585459	13.79657	.8437463
20	1.548208	1.772082	2.013950	4.688610	1.410758	1.553584	13.51919	.8604246
21	1.558244	1.780357	2.022728	4.729870	1.384359	1.524512	13.26621	.8777639
22	1.567420	1.788007	2.030744	4.771130	1.360384	1.498110	13.03646	.8955341
23	1.575846	1.795103	2.038095	4.812389	1.338725	1.474257	12.82889	.9135231
24	1.583614	1.801704	2.044863	4.853649	1.319282	1.452846	12.64257	.9315372
25	1.590801	1.807858	2.051116	4.894909	1.301968	1.433780	12.47666	.9494014
26	1.597470	1.813606	2.056910	4.936168	1.286708	1.416975	12.33043	.9669590
27	1.603678	1.818984	2.062295	4.977428	1.273434	1.402357	12.20322	.9840716
28	1.609472	1.824021	2.067314	5.018687	1.262088	1.389862	12.09449	1.000620
29	1.614892	1.828744	2.072005	5.059948	1.252620	1.379435	12.00376	1.016502
30	1.619975	1.833176	2.076398	5.101207	1.244990	1.371033	11.93064	1.031636
31	1.624752	1.837339	2.080523	5.142467	1.239164	1.364618	11.87481	1.045956
32	1.629252	1.841252	2.084404	5.183727	1.235119	1.360162	11.83605	1.059417
33	1.633498	1.844934	2.088064	5.224987	1.232836	1.357649	11.81417	1.071993
34	1.637515	1.848401	2.091523	5.266246	1.232306	1.357065	11.80909	1.083672
35	1.641321	1.851670	2.094801	5.307507	1.233526	1.358409	11.82079	1.094467
36	1.644937	1.854758	2.097914	5.348766	1.236503	1.361687	11.84931	1.104402
37	1.648381	1.857680	2.100877	5.390026	1.241248	1.366912	11.89478	1.113526
38	1.651667	1.860453	2.103706	5.431286	1.247782	1.374107	11.95739	1.121904
39	1.654813	1.863093	2.106413	5.472546	1.256132	1.383303	12.03742	1.129619
40	1.657832	1.865616	2.109012	5.513804	1.266335	1.394539	12.13519	1.136772
41	1.660739	1.868039	2.111515	5.555066	1.278436	1.407865	12.25115	1.143483
42	1.663549	1.870380	2.113933	5.596324	1.292486	1.423337	12.38579	1.149892
43	1.666273	1.872656	2.116278	5.637584	1.308547	1.441025	12.53970	1.156155
44	1.668926	1.874886	2.118562	5.678844	1.326690	1.461004	12.71357	1.162449
45	1.671520	1.877089	2.120794	5.720104	1.346996	1.483367	12.90816	1.168966
46	1.674069	1.879285	2.122986	5.761364	1.369557	1.508211	13.12436	1.175921
47	1.676585	1.881495	2.125146	5.802624	1.394474	1.535651	13.36314	1.183543
48	1.679082	1.883741	2.127287	5.843883	1.421862	1.565811	13.62559	1.192083
49	1.735686	1.957244	2.211311	5.885143	1.451848	1.598833	13.91295	1.230901
50	1.792290	2.030748	2.295335	5.926402	1.484573	1.634871	14.22655	1.269718
51	1.848895	2.104251	2.379359	5.967663	1.520193	1.674098	14.56789	1.308535
52	1.905499	2.177755	2.463383	6.008922	1.558879	1.716701	14.93862	1.347352
53	1.962104	2.251258	2.547407	6.050182	1.600822	1.762890	15.34055	1.386169
54	2.018708	2.324762	2.631432	6.091441	1.646229	1.812894	15.77569	1.424986
55	2.075313	2.398265	2.715456	6.132702	1.695330	1.866965	16.24621	1.463804
56	2.131917	2.471769	2.799479	6.173962	1.748376	1.925382	16.75455	1.502621
57	2.188522	2.545272	2.883504	6.215221	1.805644	1.988447	17.30334	1.541438
58	2.245126	2.618776	2.967527	6.256480	1.867437	2.056497	17.89551	1.580256
59	2.301731	2.692279	3.051551	6.297740	1.934090	2.129898	18.53424	1.619073
60	2.358335	2.765782	3.135575	6.339001	2.005969	2.209054	19.22304	1.657890
61	2.414940	2.839286	3.219600	6.380260	2.083475	2.294406	19.96578	1.696707
62	2.471545	2.912789	3.303624	6.421520	2.167051	2.386444	20.76668	1.735524
63	2.528149	2.986293	3.387648	6.462780	2.257182	2.485700	21.63040	1.774342
64	2.584754	3.059796	3.471672	6.504040	2.354403	2.592763	22.56206	1.813159
65	2.641358	3.133300	3.555696	6.545299	2.459301	2.708281	23.56729	1.851976

Table B-54
Victoria 1999 EXHS Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	6.780267	8.208990	9.302297	8.843175	1.437445	1.928125	5.109254	12.22684
4	5.257993	6.371488	7.198706	8.072441	1.364717	1.830571	4.850750	10.06767
5	4.339030	5.254149	5.926699	7.381124	1.296810	1.739483	4.609380	8.468485
6	3.724102	4.503195	5.074709	6.760223	1.233366	1.654383	4.383877	7.261430
7	3.284000	3.964500	4.464658	6.201838	1.174060	1.574831	4.173076	6.334590
8	2.953673	3.559815	4.006712	5.699028	1.118588	1.500425	3.975909	5.611723
9	2.696762	3.245085	3.650576	5.245686	1.066676	1.430792	3.791392	5.039826
10	2.491339	2.993584	3.365881	4.836425	1.018069	1.365592	3.618623	4.581351
11	2.323394	2.788149	3.133203	4.466503	.9725317	1.304511	3.456766	4.209223
12	2.183554	2.617257	2.939544	4.131728	.9298494	1.247259	3.305056	3.903597
13	2.065314	2.472883	2.775880	3.828396	.8898230	1.193569	3.162786	3.649700
14	1.964019	2.349276	2.635750	3.553226	.8522694	1.143196	3.029305	3.436382
15	1.876250	2.242202	2.514414	3.303313	.8170192	1.095913	2.904013	3.255116
16	1.799441	2.148486	2.408312	3.076079	.7839166	1.051511	2.786352	3.099312
17	1.731632	2.065697	2.314724	2.869236	.7528174	1.009796	2.675813	2.963827
18	1.671299	1.991952	2.231537	2.680748	.7235883	.9705893	2.571921	2.844615
19	1.617241	1.925769	2.157083	2.508803	.6961065	.9337264	2.474240	2.738478
20	1.554284	1.859197	2.084587	2.351788	.6702579	.8990543	2.382364	2.642884
21	1.488447	1.786641	2.003513	2.208262	.6459376	.8664318	2.295919	2.555822
22	1.428496	1.720421	1.929745	2.076941	.6230475	.8357282	2.214559	2.475706
23	1.373662	1.659700	1.862323	1.956673	.6014977	.8068223	2.137963	2.401291
24	1.323303	1.603792	1.800449	1.846433	.5812044	.7796018	2.065833	2.331612
25	1.276887	1.552128	1.743458	1.745299	.5620904	.7539631	1.997893	2.265925
26	1.233964	1.504235	1.690788	1.652445	.5440835	.7298094	1.933890	2.203683
27	1.194156	1.459716	1.641963	1.567130	.5271171	.7070515	1.873584	2.144487
28	1.157138	1.418235	1.596579	1.488689	.5111293	.6856062	1.816758	2.088060
29	1.122631	1.379506	1.554286	1.416524	.4960629	.6653967	1.763205	2.034224
30	1.090397	1.343285	1.514785	1.350096	.4818644	.6463515	1.712738	1.982876
31	1.060227	1.309360	1.477814	1.288921	.4684843	.6284041	1.665180	1.933980
32	1.031939	1.277544	1.443146	1.232563	.4558768	.6114930	1.620368	1.887532
33	1.005372	1.247676	1.410580	1.180627	.4439992	.5955608	1.578150	1.843562
34	.9803851	1.219609	1.379940	1.132758	.4328116	.5805544	1.538385	1.802118
35	.9568511	1.193213	1.351069	1.088636	.4222775	.5664243	1.500943	1.763254
36	.9346575	1.168370	1.323828	1.047971	.4123624	.5531246	1.465701	1.727024
37	.9137024	1.144974	1.298091	1.010500	.4030347	.5406128	1.432546	1.693471
38	.8938941	1.122925	1.273744	.9759886	.3942648	.5288492	1.401374	1.662636
39	.8751493	1.102134	1.250687	.9442217	.3860252	.5177971	1.372088	1.634528
40	.8573914	1.082513	1.228825	.9150063	.3782906	.5074222	1.344596	1.609139
41	.8405505	1.063985	1.208073	.8881680	.3710374	.4976931	1.318815	1.586434
42	.8245620	1.046472	1.188355	.8635492	.3642435	.4885801	1.294667	1.566341
43	.8093653	1.029901	1.169596	.8410079	.3578889	.4800563	1.272080	1.548760
44	.7949036	1.014201	1.151731	.8204155	.3519548	.4720965	1.250988	1.533535
45	.7811234	.9993017	1.134696	.8016570	.3464237	.4646774	1.231328	1.520475
46	.7679730	.9851314	1.118432	.7846290	.3412798	.4577776	1.213044	1.509326
47	.7554021	.9716166	1.102881	.7692385	.3365082	.4513772	1.196085	1.499772
48	.7433614	.9586821	1.087991	.7554026	.3320955	.4454582	1.180400	1.491435
49	.7433614	.9586821	1.087991	.7430483	.3280292	.4400038	1.165947	1.491435
50	.7433614	.9586821	1.087991	.7321101	.3242979	.4349988	1.152684	1.491435
51	.7433614	.9586821	1.087991	.7225314	.3208914	.4304294	1.140576	1.491435
52	.7433614	.9586821	1.087991	.7142628	.3178001	.4262830	1.129588	1.491435
53	.7433614	.9586821	1.087991	.7072619	.3150158	.4225481	1.119692	1.491435
54	.7433614	.9586821	1.087991	.7014930	.3125307	.4192148	1.110859	1.491435
55	.7433614	.9586821	1.087991	.6969272	.3103382	.4162739	1.103066	1.491435
56	.7749854	1.000625	1.135065	.6935413	.3084323	.4137175	1.096292	1.597848
57	.8066095	1.042567	1.182140	.6913187	.3068082	.4115388	1.090519	1.704261
58	.8382335	1.084509	1.229215	.6902480	.3054611	.4097320	1.085731	1.810674
59	.8698574	1.126452	1.276290	.6903239	.3043878	.4082924	1.081916	1.917087
60	.9014814	1.168394	1.323364	.6915469	.3035853	.4072158	1.079063	2.023499
61	.9331055	1.210337	1.370439	.6939230	.3030515	.4064998	1.077166	2.129913
62	.9647295	1.252279	1.417514	.6974640	.3027849	.4061422	1.076218	2.236325
63	.9963535	1.294222	1.464588	.7021878	.3027849	.4061422	1.076218	2.342739
64	1.027978	1.336164	1.511663	.7081181	.3030515	.4064998	1.077166	2.449151
65	1.059602	1.378107	1.558738	.7152848	.3035853	.4072158	1.079063	2.555564

Table B-55
Victoria 1999 RNLS Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	3.186647	3.486708	3.796028	4.985136	.0000000	.0000000	.0000000	.0000000
4	1.917816	2.118875	2.284707	2.907527	.0000000	.0000000	.0000000	.0000000
5	1.307606	1.456939	1.557849	1.926981	.0000000	.0000000	.0000000	.0000000
6	.9637542	1.081802	1.148251	1.384127	.0000000	.0000000	.0000000	.0000000
7	.7489823	.8462502	.8924047	1.050664	.0000000	.0000000	.0000000	.0000000
8	.6674809	.7527698	.7914090	.9239974	.0000000	.0000000	.0000000	.0000000
9	.6076465	.6821128	.7157865	.8331525	.0000000	.0000000	.0000000	.0000000
10	.5566796	.6207737	.6507241	.7579200	.0000000	.0000000	.0000000	.0000000
11	.5121619	.5662113	.5933421	.6940415	.0000000	.0000000	.0000000	.0000000
12	.4724808	.5167315	.5417203	.6386789	.0000000	.0000000	.0000000	.0000000
13	.4365205	.4711613	.4945295	.5898669	.0000000	.0000000	.0000000	.0000000
14	.4034836	.4286631	.4508202	.5462016	.0000000	.0000000	.0000000	.0000000
15	.3727854	.3886223	.4098961	.5066540	.0000000	.0000000	.0000000	.0000000
16	.3439874	.3505783	.3712350	.4704519	.0000000	.0000000	.0000000	.0000000
17	.3167543	.3141786	.3344375	.4370048	.0000000	.0000000	.0000000	.0000000
18	.2908252	.2791493	.2991931	.4058537	.0000000	.0000000	.0000000	.0000000
19	.2659944	.2452740	.2652565	.3766359	.0000000	.0000000	.0000000	.0000000
20	.2472022	.2213912	.2409764	.3532732	.0000000	.0000000	.0000000	.0000000
21	.2368680	.2118667	.2304665	.3376364	.0000000	.0000000	.0000000	.0000000
22	.2272248	.2030683	.2207796	.3232162	.0000000	.0000000	.0000000	.0000000
23	.2181825	.1949013	.2118083	.3098538	.0000000	.0000000	.0000000	.0000000
24	.2096659	.1872868	.2034630	.2974170	.0000000	.0000000	.0000000	.0000000
25	.2016121	.1801584	.1956688	.2857948	.0000000	.0000000	.0000000	.0000000
26	.1939674	.1734601	.1883620	.2748932	.0000000	.0000000	.0000000	.0000000
27	.1866866	.1671440	.1814885	.2646321	.0000000	.0000000	.0000000	.0000000
28	.1797307	.1611694	.1750017	.2549429	.0000000	.0000000	.0000000	.0000000
29	.1730659	.1555007	.1688619	.2457664	.0000000	.0000000	.0000000	.0000000
30	.1666633	.1501074	.1630341	.2370514	.0000000	.0000000	.0000000	.0000000
31	.1604974	.1449630	.1574883	.2287531	.0000000	.0000000	.0000000	.0000000
32	.1545460	.1400439	.1521980	.2208326	.0000000	.0000000	.0000000	.0000000
33	.1487896	.1353298	.1471400	.2132554	.0000000	.0000000	.0000000	.0000000
34	.1432112	.1308026	.1422937	.2059913	.0000000	.0000000	.0000000	.0000000
35	.1377953	.1264462	.1376411	.1990135	.0000000	.0000000	.0000000	.0000000
36	.1325284	.1222464	.1331659	.1922981	.0000000	.0000000	.0000000	.0000000
37	.1273985	.1181906	.1288539	.1858238	.0000000	.0000000	.0000000	.0000000
38	.1223947	.1142673	.1246921	.1795715	.0000000	.0000000	.0000000	.0000000
39	.1175074	.1104663	.1206690	.1735243	.0000000	.0000000	.0000000	.0000000
40	.1127277	.1067785	.1167741	.1676667	.0000000	.0000000	.0000000	.0000000
41	.1080480	.1031956	.1129981	.1619849	.0000000	.0000000	.0000000	.0000000
42	.1034608	.0997102	.1093325	.1564662	.0000000	.0000000	.0000000	.0000000
43	.0989600	.0963153	.1057696	.1510994	.0000000	.0000000	.0000000	.0000000
44	.0945394	.0930049	.1023024	.1458740	.0000000	.0000000	.0000000	.0000000
45	.0901939	.0897732	.0989245	.1407806	.0000000	.0000000	.0000000	.0000000
46	.0859185	.0866152	.0956300	.1358107	.0000000	.0000000	.0000000	.0000000
47	.0817087	.0835262	.0924138	.1309563	.0000000	.0000000	.0000000	.0000000
48	.0776716	.0804876	.0892303	.1261722	.0000000	.0000000	.0000000	.0000000
49	.0747596	.0774507	.0858291	.1212613	.0000000	.0000000	.0000000	.0000000
50	.0720161	.0745900	.0826259	.1166383	.0000000	.0000000	.0000000	.0000000
51	.0694281	.0718918	.0796054	.1122812	.0000000	.0000000	.0000000	.0000000
52	.0669841	.0693441	.0767540	.1081697	.0000000	.0000000	.0000000	.0000000
53	.0646734	.0669357	.0740590	.1042856	.0000000	.0000000	.0000000	.0000000
54	.0624863	.0646564	.0715092	.1006124	.0000000	.0000000	.0000000	.0000000
55	.0604140	.0624971	.0690942	.0971350	.0000000	.0000000	.0000000	.0000000
56	.0584486	.0604495	.0668045	.0938395	.0000000	.0000000	.0000000	.0000000
57	.0565827	.0585058	.0646316	.0907135	.0000000	.0000000	.0000000	.0000000
58	.0548097	.0566591	.0625675	.0877455	.0000000	.0000000	.0000000	.0000000
59	.0531233	.0549029	.0606050	.0849248	.0000000	.0000000	.0000000	.0000000
60	.0515179	.0532313	.0587376	.0822418	.0000000	.0000000	.0000000	.0000000
61	.0499884	.0516389	.0569590	.0796877	.0000000	.0000000	.0000000	.0000000
62	.0485300	.0501208	.0552636	.0772543	.0000000	.0000000	.0000000	.0000000
63	.0471383	.0486722	.0536464	.0749340	.0000000	.0000000	.0000000	.0000000
64	.0458091	.0472890	.0521024	.0727199	.0000000	.0000000	.0000000	.0000000
65	.0445389	.0459672	.0506273	.0706055	.0000000	.0000000	.0000000	.0000000

Table B-56
Victoria 1999 RSTL, CC, and HTSK Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0496476	.0476481	.0395057	.0581485	.0000000	.0000000	.0000000	.4460661
--	.0083466	.0106656	.0110268	.0142772	.0000000	.0000000	.0000000	.0000000
--	.0742610	.0730483	.0635356	.4262260	.0000000	.0000000	.0000000	.8034901

Table B-57
Victoria 1999 VOC Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	15.54907	16.32204	18.04542	24.22052	1.437445	1.928125	5.109254	16.02209
4	10.69287	11.26679	12.37031	17.95994	1.364717	1.830571	4.850750	13.90491
5	8.158854	8.619896	9.416725	14.63831	1.296810	1.739483	4.609380	12.33683
6	6.627788	7.016402	7.635914	12.53363	1.233366	1.654383	4.383877	11.15325
7	5.612037	5.950863	6.456560	11.04373	1.174060	1.574831	4.173076	10.24444
8	5.054931	5.335935	5.778195	10.15304	1.118588	1.500425	3.975909	9.535629
9	4.628773	4.869168	5.264049	9.409746	1.066676	1.430792	3.791392	8.974855
10	4.278071	4.492316	4.849319	8.755481	1.018069	1.365592	3.618623	8.525297
11	3.982288	4.180967	4.506948	8.174000	.9725317	1.304511	3.456766	8.160406
12	3.727690	3.918736	4.218856	7.653340	.9298494	1.247259	3.305056	7.860724
13	3.504748	3.694216	3.972495	7.184331	.8898230	1.193569	3.162786	7.611765
14	3.306641	3.499233	3.758891	6.759726	.8522694	1.143196	3.029305	7.402595
15	3.128362	3.327773	3.571460	6.373652	.8170192	1.095913	2.904013	7.224853
16	2.966153	3.175320	3.405260	6.021272	.7839166	1.051511	2.786352	7.072081
17	2.817142	3.038426	3.256513	5.698527	.7528174	1.009796	2.675813	6.939231
18	2.679096	2.914409	3.122283	5.401987	.7235883	.9705893	2.571921	6.822338
19	2.550256	2.801166	3.000254	5.128713	.6961065	.9337264	2.474240	6.718265
20	2.432483	2.697421	2.890232	4.890455	.6702579	.8990543	2.382364	6.624529
21	2.340015	2.599711	2.783127	4.692160	.6459376	.8664318	2.295919	6.539162
22	2.255244	2.510303	2.685481	4.510488	.6230475	.8357282	2.214559	6.460604
23	2.177162	2.428105	2.596052	4.343756	.6014977	.8068223	2.137963	6.387635
24	2.104934	2.352213	2.513809	4.190491	.5812044	.7796018	2.065833	6.319311
25	2.037861	2.281885	2.437891	4.049385	.5620904	.7539631	1.997893	6.254903
26	1.975357	2.216500	2.367568	3.919286	.5440835	.7298094	1.933890	6.193871
27	1.916926	2.155537	2.302224	3.799168	.5271171	.7070515	1.873584	6.135826
28	1.862144	2.098560	2.241332	3.688119	.5111293	.6856062	1.816758	6.080496
29	1.810649	2.045194	2.184438	3.585326	.4960629	.6653967	1.763205	6.027708
30	1.762128	1.995118	2.131151	3.490061	.4818644	.6463515	1.712738	5.977358
31	1.716308	1.948056	2.081133	3.401675	.4684843	.6284041	1.665180	5.929413
32	1.672952	1.903765	2.034083	3.319583	.4558768	.6114930	1.620368	5.883868
33	1.631850	1.862031	1.989743	3.243263	.4439992	.5955608	1.578150	5.840753
34	1.592817	1.822666	1.947882	3.172243	.4328116	.5805544	1.538385	5.800116
35	1.555689	1.785498	1.908295	3.106101	.4222775	.5664243	1.500943	5.762007
36	1.520317	1.750373	1.870800	3.044454	.4123624	.5531246	1.465701	5.726482
37	1.486568	1.717151	1.835235	2.986959	.4030347	.5406128	1.432546	5.693582
38	1.454323	1.685703	1.801452	2.933304	.3942648	.5288492	1.401374	5.663346
39	1.423473	1.655909	1.769319	2.883211	.3860252	.5177971	1.372088	5.635785
40	1.393917	1.627657	1.738716	2.836426	.3782906	.5074222	1.344596	5.610891
41	1.365565	1.600844	1.709534	2.792719	.3710374	.4976931	1.318815	5.588626
42	1.338329	1.575368	1.681671	2.751886	.3642435	.4885801	1.294667	5.568924
43	1.312133	1.551133	1.655036	2.713739	.3578889	.4800563	1.272080	5.551685
44	1.286901	1.528045	1.629543	2.678111	.3519548	.4720965	1.250988	5.536756
45	1.262562	1.506009	1.605114	2.644848	.3464237	.4646774	1.231328	5.523950
46	1.239048	1.484933	1.581672	2.613816	.3412798	.4577776	1.213044	5.513019
47	1.216293	1.464718	1.559149	2.584890	.3365082	.4513772	1.196085	5.503650
48	1.194481	1.445116	1.537266	2.557829	.3320955	.4454582	1.180400	5.495475
49	1.187334	1.437646	1.528837	2.531761	.3280292	.4400038	1.165947	5.495475
50	1.180607	1.430616	1.520903	2.507990	.3242979	.4349988	1.152684	5.495475
51	1.174266	1.423990	1.513428	2.486398	.3208914	.4304294	1.140576	5.495475
52	1.168283	1.417738	1.506375	2.466877	.3178001	.4262830	1.129588	5.495475
53	1.162631	1.411832	1.499714	2.449336	.3150158	.4225481	1.119692	5.495475
54	1.157285	1.406248	1.493415	2.433692	.3125307	.4192148	1.110859	5.495475
55	1.152225	1.400961	1.487454	2.419874	.3103382	.4162739	1.103066	5.495475
56	1.180021	1.440495	1.529937	2.407822	.3084323	.4137175	1.096292	5.599819
57	1.208063	1.480286	1.572711	2.397485	.3068082	.4115388	1.090519	5.704162
58	1.236336	1.520318	1.615757	2.388822	.3054611	.4097320	1.085731	5.808505
59	1.264822	1.560574	1.659056	2.381799	.3043878	.4082924	1.081916	5.912848
60	1.293509	1.601040	1.702592	2.376393	.3035853	.4072158	1.079063	6.017192
61	1.322384	1.641702	1.746350	2.372589	.3030515	.4064998	1.077166	6.121536
62	1.351434	1.682547	1.790315	2.370376	.3027849	.4061422	1.076218	6.225878
63	1.380649	1.723565	1.834475	2.369757	.3027849	.4061422	1.076218	6.330222
64	1.410019	1.764744	1.878817	2.370739	.3030515	.4064998	1.077166	6.434565
65	1.439534	1.806075	1.923330	2.373340	.3035853	.4072158	1.079063	6.538908

Table B-58
Victoria 1999 CO Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	93.51206	111.9090	123.9425	176.0021	5.011814	5.524984	38.58336	198.7290
4	72.45384	86.75739	95.73650	160.8055	4.618952	5.091896	35.55893	158.4905
5	59.73498	71.43697	78.64531	147.2447	4.264640	4.701306	32.83126	129.4481
6	51.22890	61.14999	67.18875	135.1244	3.944680	4.348584	30.36806	108.0172
7	45.14812	53.78841	58.98585	124.2749	3.655371	4.029653	28.14082	91.88026
8	40.59058	48.27555	52.83138	114.5482	3.393453	3.740915	26.12444	79.50249
9	37.05138	44.00298	48.04889	105.8154	3.156039	3.479192	24.29672	69.84480
10	34.22582	40.60076	44.22917	97.96359	2.940583	3.241676	22.63803	62.18884
11	31.91910	37.83109	41.11024	90.89418	2.744826	3.025875	21.13100	56.02852
12	30.00092	35.53422	38.51664	84.52068	2.566769	2.829586	19.76023	51.00092
13	28.38084	33.59888	36.32656	78.76715	2.404634	2.650850	18.51204	46.84144
14	26.99413	31.94529	34.45280	73.56696	2.256845	2.487928	17.37428	43.35434
15	25.79324	30.51473	32.83137	68.86142	2.121997	2.339273	16.33616	40.39285
16	24.74253	29.26316	31.41429	64.59882	1.998841	2.203507	15.38805	37.84565
17	23.81473	28.15693	30.16489	60.73354	1.886263	2.079402	14.52137	35.62745
18	22.98870	27.16997	29.05468	57.22529	1.783268	1.965861	13.72846	33.67236
19	22.24778	26.28192	28.06124	54.03847	1.688968	1.861905	13.00249	31.92927
20	21.36305	25.37711	27.10347	51.14149	1.602568	1.766659	12.33735	30.35826
21	20.34722	24.27011	25.92018	48.50642	1.523359	1.679339	11.72755	28.92820
22	19.42121	23.25687	24.84358	46.10844	1.450702	1.599243	11.16821	27.61485
23	18.57321	22.32486	23.85962	43.92554	1.384027	1.525741	10.65491	26.39931
24	17.79348	21.46394	22.95664	41.93816	1.322823	1.458269	10.18373	25.26703
25	17.07391	20.66583	22.12492	40.12887	1.266627	1.396320	9.751112	24.20688
26	16.40773	19.92377	21.35628	38.48221	1.215029	1.339438	9.353880	23.21037
27	15.78925	19.23215	20.64377	36.98440	1.167655	1.287214	8.989178	22.27120
28	15.21361	18.58632	19.98149	35.62317	1.124173	1.239280	8.654429	21.38471
29	14.67671	17.98235	19.36438	34.38760	1.084282	1.195304	8.347326	20.54748
30	14.17496	17.41692	18.78807	33.26800	1.047711	1.154988	8.065786	19.75706
31	13.70528	16.88716	18.24876	32.25574	1.014218	1.118066	7.807940	19.01169
32	13.26498	16.39054	17.74315	31.34316	.9835839	1.084295	7.572106	18.31010
33	12.85166	15.92485	17.26832	30.52348	.9556130	1.053460	7.356771	17.65130
34	12.46321	15.48808	16.82172	29.79070	.9301287	1.025367	7.160583	17.03450
35	12.09775	15.07841	16.40107	29.13954	.9069733	.9998403	6.982320	16.45890
36	11.75356	14.69417	16.00433	28.56540	.8860053	.9767254	6.820899	15.92375
37	11.42912	14.33382	15.62968	28.06424	.8670988	.9558830	6.675348	15.42819
38	11.12303	13.99591	15.27549	27.63260	.8501416	.9371895	6.544803	14.97118
39	10.83400	13.67907	14.94026	27.26752	.8350344	.9205354	6.428501	14.55159
40	10.56086	13.38200	14.62263	26.96652	.8216898	.9058245	6.325767	14.16799
41	10.30251	13.10343	14.32136	26.72758	.8100314	.8929724	6.236014	13.81870
42	10.05793	12.84214	14.03531	26.54911	.7999930	.8819062	6.158734	13.50188
43	9.826144	12.59687	13.76341	26.42990	.7915183	.8725636	6.093492	13.21526
44	9.606218	12.36638	13.50467	26.36919	.7845600	.8648928	6.039923	12.95629
45	9.397230	12.14931	13.25816	26.36655	.7790795	.8588511	5.997731	12.72198
46	9.198261	11.94423	13.02298	26.42197	.7750465	.8544052	5.966684	12.50895
47	9.008375	11.74957	12.79827	26.53583	.7724390	.8515307	5.946609	12.31326
48	8.826605	11.56356	12.58320	26.70888	.7712426	.8502118	5.937400	12.13050
49	8.826605	11.56356	12.58320	26.94227	.7714509	.8504415	5.939003	12.13050
50	8.826605	11.56356	12.58320	27.23754	.7730650	.8522208	5.951428	12.13050
51	8.826605	11.56356	12.58320	27.59669	.7760935	.8555595	5.974744	12.13050
52	8.826605	11.56356	12.58320	28.02217	.7805533	.8604759	6.009077	12.13050
53	8.826605	11.56356	12.58320	28.51688	.7864687	.8669971	6.054618	12.13050
54	8.826605	11.56356	12.58320	29.08423	.7938727	.8751590	6.111616	12.13050
55	8.826605	11.56356	12.58320	29.72820	.8028060	.8850071	6.180389	12.13050
56	9.934635	13.24538	14.37129	30.45335	.8133187	.8965961	6.261322	15.05188
57	11.04267	14.92719	16.15937	31.26490	.8254701	.9099917	6.354869	17.97325
58	12.15070	16.60900	17.94746	32.16877	.8393292	.9252700	6.461563	20.89463
59	13.25873	18.29082	19.73555	33.17167	.8549757	.9425186	6.582017	23.81601
60	14.36676	19.97263	21.52364	34.28117	.8725004	.9618375	6.716931	26.73739
61	15.47479	21.65444	23.31173	35.50580	.8920062	.9833406	6.867096	29.65877
62	16.58282	23.33626	25.09982	36.85518	.9136094	1.007156	7.033408	32.58014
63	17.69086	25.01807	26.88791	38.34009	.9374402	1.033427	7.216870	35.50152
64	18.79889	26.69988	28.67600	39.97268	.9636451	1.062315	7.418607	38.42290
65	19.90691	28.38170	30.46408	41.76656	.9923868	1.094000	7.639875	41.34428

Table B-59
Victoria 1999 NOX Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.152234	2.455399	2.806006	4.023248	2.416976	2.661671	23.16170	.8022444
4	1.969801	2.248032	2.567745	4.064880	2.315180	2.549569	22.18619	.7673347
5	1.860122	2.123413	2.424815	4.106514	2.220822	2.445658	21.28196	.7383652
6	1.786884	2.040301	2.329575	4.148146	2.133337	2.349316	20.44360	.7148805
7	1.734516	1.981006	2.261603	4.189778	2.052210	2.259976	19.66617	.6964412
8	1.695229	1.936672	2.210686	4.231412	1.976974	2.177123	18.94518	.6826239
9	1.664690	1.902370	2.171148	4.273045	1.907202	2.100287	18.27657	.6730214
10	1.640298	1.875132	2.139583	4.314678	1.842507	2.029043	17.65660	.6672422
11	1.620391	1.853063	2.113820	4.356310	1.782536	1.963001	17.08191	.6649106
12	1.603862	1.834894	2.092412	4.397943	1.726968	1.901806	16.54940	.6656674
13	1.589941	1.819741	2.074357	4.439576	1.675510	1.845138	16.05627	.6691692
14	1.578075	1.806968	2.058936	4.481209	1.627894	1.792702	15.59999	.6750883
15	1.567859	1.796103	2.045622	4.522841	1.583879	1.744232	15.17819	.6831134
16	1.558985	1.786791	2.034021	4.564475	1.543245	1.699483	14.78880	.6929488
17	1.551219	1.778756	2.023829	4.606108	1.505789	1.658236	14.42986	.7043152
18	1.544377	1.771782	2.014810	4.647740	1.471331	1.620289	14.09965	.7169487
19	1.538311	1.765695	2.006777	4.689373	1.439704	1.585459	13.79657	.7306021
20	1.540986	1.760279	1.999988	4.731006	1.410758	1.553584	13.51919	.7450438
21	1.551043	1.768368	2.008618	4.772639	1.384359	1.524512	13.26621	.7600581
22	1.560230	1.775832	2.016490	4.814272	1.360384	1.498110	13.03646	.7754453
23	1.568659	1.782742	2.023701	4.855905	1.338725	1.474257	12.82889	.7910219
24	1.576422	1.789159	2.030334	4.897537	1.319282	1.452846	12.64257	.8066205
25	1.583597	1.795131	2.036454	4.939171	1.301968	1.433780	12.47666	.8220892
26	1.590248	1.800700	2.042120	4.980803	1.286708	1.416975	12.33043	.8372923
27	1.596432	1.805904	2.047382	5.022436	1.273434	1.402357	12.20322	.8521102
28	1.602196	1.810771	2.052281	5.064069	1.262088	1.389862	12.09449	.8664392
29	1.607583	1.815330	2.056854	5.105702	1.252620	1.379435	12.00376	.8801917
30	1.612627	1.819604	2.061132	5.147335	1.244990	1.371033	11.93064	.8932959
31	1.617362	1.823614	2.065146	5.188968	1.239164	1.364618	11.87481	.9056959
32	1.621814	1.827381	2.068918	5.230600	1.235119	1.360162	11.83605	.9173524
33	1.626009	1.830921	2.072472	5.272233	1.232836	1.357649	11.81417	.9282412
34	1.629970	1.834252	2.075826	5.313866	1.232306	1.357065	11.80909	.9383547
35	1.633717	1.837390	2.079000	5.355499	1.233526	1.358409	11.82079	.9477014
36	1.637269	1.840352	2.082009	5.397132	1.236503	1.361687	11.84931	.9563050
37	1.640643	1.843151	2.084868	5.438765	1.241248	1.366912	11.89478	.9642054
38	1.643855	1.845804	2.087592	5.480398	1.247782	1.374107	11.95739	.9714597
39	1.646921	1.848325	2.090192	5.522030	1.256132	1.383303	12.03742	.9781398
40	1.649853	1.850730	2.092682	5.563663	1.266335	1.394539	12.13519	.9843335
41	1.652667	1.853034	2.095071	5.605296	1.278436	1.407865	12.25115	.9901446
42	1.655375	1.855253	2.097372	5.646929	1.292486	1.423337	12.38579	.9956941
43	1.657990	1.857403	2.099594	5.688561	1.308547	1.441025	12.53970	1.001118
44	1.660524	1.859501	2.101746	5.730195	1.326690	1.461004	12.71357	1.006568
45	1.662989	1.861563	2.103838	5.771827	1.346996	1.483367	12.90816	1.012211
46	1.665397	1.863608	2.105880	5.813460	1.369557	1.508211	13.12436	1.018233
47	1.667760	1.865654	2.107881	5.855093	1.394474	1.535651	13.36314	1.024833
48	1.670089	1.867720	2.109848	5.896726	1.421862	1.565811	13.62559	1.032228
49	1.726260	1.940590	2.193063	5.938359	1.451848	1.598833	13.91295	1.065840
50	1.782431	2.013460	2.276276	5.979991	1.484573	1.634871	14.22655	1.099452
51	1.838602	2.086331	2.359491	6.021625	1.520193	1.674098	14.56789	1.133064
52	1.894773	2.159201	2.442705	6.063257	1.558879	1.716701	14.93862	1.166676
53	1.950943	2.232071	2.525919	6.104891	1.600822	1.762890	15.34055	1.200288
54	2.007114	2.304942	2.609133	6.146523	1.646229	1.812894	15.77569	1.233900
55	2.063285	2.377812	2.692347	6.188156	1.695330	1.866965	16.24621	1.267512
56	2.119456	2.450682	2.775561	6.229789	1.748376	1.925382	16.75455	1.301124
57	2.175627	2.523552	2.858775	6.271421	1.805644	1.988447	17.30334	1.334735
58	2.231797	2.596422	2.941989	6.313055	1.867437	2.056497	17.89551	1.368347
59	2.287968	2.669292	3.025203	6.354688	1.934090	2.129898	18.53424	1.401959
60	2.344139	2.742163	3.108418	6.396320	2.005969	2.209054	19.22304	1.435571
61	2.400310	2.815033	3.191631	6.437953	2.083475	2.294406	19.96578	1.469183
62	2.456481	2.887903	3.274846	6.479586	2.167051	2.386444	20.76668	1.502795
63	2.512651	2.960773	3.358059	6.521218	2.257182	2.485700	21.63040	1.536407
64	2.568822	3.033644	3.441274	6.562852	2.354403	2.592763	22.56206	1.570019
65	2.624993	3.106514	3.524488	6.604485	2.459301	2.708281	23.56729	1.603631

Table B-60
Victoria 1999 EXHS Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	6.910144	8.517222	9.409972	9.765808	1.437445	1.928125	5.109254	11.98905
4	5.358960	6.615173	7.278050	8.914663	1.364717	1.830571	4.850750	9.871864
5	4.420618	5.453926	5.989280	8.151218	1.296810	1.739483	4.609380	8.303784
6	3.791941	4.671585	5.126209	7.465539	1.233366	1.654383	4.383877	7.120204
7	3.341702	4.109668	4.508277	6.848895	1.174060	1.574831	4.173076	6.211390
8	3.003682	3.687333	4.044431	6.293625	1.118588	1.500425	3.975909	5.502582
9	2.740791	3.358885	3.683705	5.792984	1.066676	1.430792	3.791392	4.941808
10	2.530623	3.096507	3.395333	5.341024	1.018069	1.365592	3.618623	4.492250
11	2.358842	2.882292	3.159641	4.932508	.9725317	1.304511	3.456766	4.127359
12	2.215847	2.704189	2.963464	4.562804	.9298494	1.247259	3.305056	3.827677
13	2.094968	2.553793	2.797664	4.227824	.8898230	1.193569	3.162786	3.578718
14	1.991430	2.425073	2.655701	3.923945	.8522694	1.143196	3.029305	3.369548
15	1.901725	2.313587	2.532773	3.647957	.8170192	1.095913	2.904013	3.191807
16	1.823219	2.216001	2.425276	3.397016	.7839166	1.051511	2.786352	3.039034
17	1.753898	2.129763	2.330457	3.168593	.7528174	1.009796	2.675813	2.906184
18	1.692200	2.052898	2.246175	2.960438	.7235883	.9705893	2.571921	2.789291
19	1.636894	1.983853	2.170743	2.770555	.6961065	.9337264	2.474240	2.685218
20	1.572945	1.915157	2.098173	2.597157	.6702579	.8990543	2.382364	2.591483
21	1.506279	1.840387	2.016638	2.438657	.6459376	.8664318	2.295919	2.506115
22	1.445540	1.772062	1.942451	2.293634	.6230475	.8357282	2.214559	2.427557
23	1.389949	1.709329	1.874649	2.160819	.6014977	.8068223	2.137963	2.354589
24	1.338863	1.651490	1.812428	2.039077	.5812044	.7796018	2.065833	2.286264
25	1.291747	1.597970	1.755120	1.927391	.5620904	.7539631	1.997893	2.221856
26	1.248151	1.548293	1.702158	1.824849	.5440835	.7298094	1.933890	2.160825
27	1.207694	1.502060	1.653064	1.730633	.5271171	.7070515	1.873584	2.102780
28	1.170055	1.458939	1.607431	1.644009	.5111293	.6856062	1.816758	2.047449
29	1.134955	1.418646	1.564909	1.564314	.4960629	.6653967	1.763205	1.994660
30	1.102158	1.380939	1.525193	1.490956	.4818644	.6463515	1.712738	1.944312
31	1.071455	1.345609	1.488022	1.423398	.4684843	.6284041	1.665180	1.896367
32	1.042665	1.312473	1.453166	1.361160	.4558768	.6114930	1.620368	1.850822
33	1.015630	1.281371	1.420424	1.303806	.4439992	.5955608	1.578150	1.807707
34	.9902084	1.252157	1.389619	1.250942	.4328116	.5805544	1.538385	1.767069
35	.9662739	1.224705	1.360591	1.202217	.4222775	.5664243	1.500943	1.728960
36	.9437139	1.198894	1.333201	1.157309	.4123624	.5531246	1.465701	1.693435
37	.9224265	1.174619	1.307322	1.115929	.4030347	.5406128	1.432546	1.660536
38	.9023194	1.151778	1.282841	1.077816	.3942648	.5288492	1.401374	1.630300
39	.8833081	1.130278	1.259654	1.042735	.3860252	.5177971	1.372088	1.602738
40	.8653151	1.110031	1.237669	1.010472	.3782906	.5074222	1.344596	1.577844
41	.8482693	1.090954	1.216799	.9808333	.3710374	.4976931	1.318815	1.555580
42	.8321037	1.072964	1.196966	.9536459	.3642435	.4885801	1.294667	1.535877
43	.8167557	1.055984	1.178098	.9287528	.3578889	.4800563	1.272080	1.518638
44	.8021658	1.039935	1.160128	.9060119	.3519548	.4720965	1.250988	1.503709
45	.7882770	1.024737	1.142991	.8852965	.3464237	.4646774	1.231328	1.490904
46	.7750338	1.010309	1.126628	.8664918	.3412798	.4577776	1.213044	1.479972
47	.7623814	.9965667	1.110983	.8494954	.3365082	.4513772	1.196085	1.470603
48	.7502649	.9834199	1.096002	.8342161	.3320955	.4454582	1.180400	1.462428
49	.7502649	.9834199	1.096002	.8205727	.3280292	.4400038	1.165947	1.462428
50	.7502649	.9834199	1.096002	.8084933	.3242979	.4349988	1.152684	1.462428
51	.7502649	.9834199	1.096002	.7979152	.3208914	.4304294	1.140576	1.462428
52	.7502649	.9834199	1.096002	.7887840	.3178001	.4262830	1.129588	1.462428
53	.7502649	.9834199	1.096002	.7810526	.3150158	.4225481	1.119692	1.462428
54	.7502649	.9834199	1.096002	.7746819	.3125307	.4192148	1.110859	1.462428
55	.7502649	.9834199	1.096002	.7696397	.3103382	.4162739	1.103066	1.462428
56	.7828560	1.027962	1.144133	.7659006	.3084323	.4137175	1.096292	1.566772
57	.8154471	1.072505	1.192264	.7634460	.3068082	.4115388	1.090519	1.671115
58	.8480383	1.117048	1.240395	.7622637	.3054611	.4097320	1.085731	1.775459
59	.8806294	1.161591	1.288526	.7623475	.3043878	.4082924	1.081916	1.879802
60	.9132205	1.206134	1.336658	.7636980	.3035853	.4072158	1.079063	1.984145
61	.9458116	1.250676	1.384789	.7663221	.3030515	.4064998	1.077166	2.088489
62	.9784027	1.295219	1.432920	.7702324	.3027849	.4061422	1.076218	2.192832
63	1.010994	1.339762	1.481051	.7754492	.3027849	.4061422	1.076218	2.297175
64	1.043585	1.384305	1.529182	.7819983	.3030515	.4064998	1.077166	2.401518
65	1.076176	1.428847	1.577314	.7899127	.3035853	.4072158	1.079063	2.505862

Table B-61
Victoria 1999 RNLS Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	8.378231	7.534304	8.408792	13.04410	.0000000	.0000000	.0000000	.0000000
4	5.073215	4.381104	4.865600	7.634668	.0000000	.0000000	.0000000	.0000000
5	3.477540	2.895452	3.200789	5.076488	.0000000	.0000000	.0000000	.0000000
6	2.575150	2.074299	2.283048	3.657490	.0000000	.0000000	.0000000	.0000000
7	2.009638	1.570677	1.721625	2.784223	.0000000	.0000000	.0000000	.0000000
8	1.790552	1.378084	1.507108	2.448811	.0000000	.0000000	.0000000	.0000000
9	1.627285	1.239766	1.353687	2.206157	.0000000	.0000000	.0000000	.0000000
10	1.486751	1.125291	1.227328	2.003850	.0000000	.0000000	.0000000	.0000000
11	1.362749	1.028157	1.120651	1.830887	.0000000	.0000000	.0000000	.0000000
12	1.251147	.9440293	1.028735	1.679930	.0000000	.0000000	.0000000	.0000000
13	1.149084	.8699054	.9481731	1.545902	.0000000	.0000000	.0000000	.0000000
14	1.054514	.8036423	.8765330	1.425176	.0000000	.0000000	.0000000	.0000000
15	.9659402	.7436676	.8120307	1.315090	.0000000	.0000000	.0000000	.0000000
16	.8822374	.6888024	.7533270	1.213649	.0000000	.0000000	.0000000	.0000000
17	.8025466	.6381449	.6993993	1.119329	.0000000	.0000000	.0000000	.0000000
18	.7261987	.5909939	.6494513	1.030943	.0000000	.0000000	.0000000	.0000000
19	.6526661	.5467958	.6028546	.9475523	.0000000	.0000000	.0000000	.0000000
20	.5988409	.5117463	.5654017	.8826925	.0000000	.0000000	.0000000	.0000000
21	.5730385	.4888064	.5398327	.8428982	.0000000	.0000000	.0000000	.0000000
22	.5490074	.4677245	.5163727	.8062480	.0000000	.0000000	.0000000	.0000000
23	.5265168	.4482583	.4947462	.7723315	.0000000	.0000000	.0000000	.0000000
24	.5053740	.4302057	.4747243	.7408072	.0000000	.0000000	.0000000	.0000000
25	.4854172	.4133972	.4561144	.7113879	.0000000	.0000000	.0000000	.0000000
26	.4665097	.3976891	.4387534	.6838307	.0000000	.0000000	.0000000	.0000000
27	.4485348	.3829594	.4225027	.6579289	.0000000	.0000000	.0000000	.0000000
28	.4313926	.3691030	.4072434	.6335050	.0000000	.0000000	.0000000	.0000000
29	.4149970	.3560296	.3928728	.6104061	.0000000	.0000000	.0000000	.0000000
30	.3992733	.3436611	.3793021	.5884997	.0000000	.0000000	.0000000	.0000000
31	.3841566	.3319291	.3664539	.5676705	.0000000	.0000000	.0000000	.0000000
32	.3695898	.3207740	.3542604	.5478173	.0000000	.0000000	.0000000	.0000000
33	.3555229	.3101434	.3426622	.5288515	.0000000	.0000000	.0000000	.0000000
34	.3419120	.2999908	.3316066	.5106949	.0000000	.0000000	.0000000	.0000000
35	.3287179	.2902755	.3210472	.4932781	.0000000	.0000000	.0000000	.0000000
36	.3159059	.2809609	.3109426	.4765393	.0000000	.0000000	.0000000	.0000000
37	.3034449	.2720146	.3012562	.4604236	.0000000	.0000000	.0000000	.0000000
38	.2913073	.2634074	.2919545	.4448819	.0000000	.0000000	.0000000	.0000000
39	.2794682	.2551134	.2830082	.4298699	.0000000	.0000000	.0000000	.0000000
40	.2679053	.2471089	.2743907	.4153481	.0000000	.0000000	.0000000	.0000000
41	.2565983	.2393729	.2660778	.4012804	.0000000	.0000000	.0000000	.0000000
42	.2455288	.2318861	.2580477	.3876344	.0000000	.0000000	.0000000	.0000000
43	.2346805	.2246312	.2502809	.3743807	.0000000	.0000000	.0000000	.0000000
44	.2240381	.2175923	.2427592	.3614927	.0000000	.0000000	.0000000	.0000000
45	.2135880	.2107550	.2354664	.3489458	.0000000	.0000000	.0000000	.0000000
46	.2033175	.2041063	.2283875	.3367179	.0000000	.0000000	.0000000	.0000000
47	.1932153	.1976340	.2215089	.3247886	.0000000	.0000000	.0000000	.0000000
48	.1835195	.1911782	.2146073	.3130069	.0000000	.0000000	.0000000	.0000000
49	.1763726	.1837089	.2061782	.3005820	.0000000	.0000000	.0000000	.0000000
50	.1696451	.1766782	.1982451	.2888908	.0000000	.0000000	.0000000	.0000000
51	.1633043	.1700522	.1907695	.2778764	.0000000	.0000000	.0000000	.0000000
52	.1573212	.1638004	.1837168	.2674874	.0000000	.0000000	.0000000	.0000000
53	.1516691	.1578948	.1770555	.2576773	.0000000	.0000000	.0000000	.0000000
54	.1463239	.1523103	.1707571	.2484037	.0000000	.0000000	.0000000	.0000000
55	.1412636	.1470239	.1647956	.2396280	.0000000	.0000000	.0000000	.0000000
56	.1364682	.1420146	.1591471	.2313152	.0000000	.0000000	.0000000	.0000000
57	.1319194	.1372632	.1537901	.2234330	.0000000	.0000000	.0000000	.0000000
58	.1276006	.1327522	.1487048	.2159523	.0000000	.0000000	.0000000	.0000000
59	.1234962	.1284656	.1438729	.2088460	.0000000	.0000000	.0000000	.0000000
60	.1195923	.1243887	.1392779	.2020896	.0000000	.0000000	.0000000	.0000000
61	.1158759	.1205078	.1349044	.1956604	.0000000	.0000000	.0000000	.0000000
62	.1123351	.1168106	.1307383	.1895374	.0000000	.0000000	.0000000	.0000000
63	.1089589	.1132856	.1267667	.1837015	.0000000	.0000000	.0000000	.0000000
64	.1057373	.1099221	.1229774	.1781350	.0000000	.0000000	.0000000	.0000000
65	.1026608	.1067103	.1193596	.1728214	.0000000	.0000000	.0000000	.0000000

Table B-62
Victoria 1999 RSTL, CC, and HTSK Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0871766	.0836657	.0693685	.1021034	.0000000	.0000000	.0000000	.7832513
--	.0083466	.0106656	.0110268	.0142772	.0000000	.0000000	.0000000	.0000000
--	.1651735	.1761863	.1462614	1.294225	.0000000	.0000000	.0000000	3.249795

Table B-63
Victoria 1999 VOC Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	14.67826	15.60226	17.26178	22.70488	1.437445	1.928125	5.109254	15.72704
4	10.15328	10.84450	11.91954	16.98947	1.364717	1.830571	4.850750	13.60817
5	7.780452	8.337202	9.120663	13.93076	1.296810	1.739483	4.609380	12.03883
6	6.341197	6.810562	7.424231	11.97558	1.233366	1.654383	4.383877	10.85430
7	5.383351	5.791945	6.295961	10.58038	1.174060	1.574831	4.173076	9.944760
8	4.849806	5.195782	5.637257	9.730701	1.118588	1.500425	3.975909	9.235384
9	4.441423	4.742044	5.136667	9.018556	1.066676	1.430792	3.791392	8.674160
10	4.106030	4.375406	4.732595	8.390813	1.018069	1.365592	3.618623	8.224243
11	3.823762	4.072216	4.398777	7.832379	.9725317	1.304511	3.456766	7.859060
12	3.581333	3.816605	4.117655	7.332074	.9298494	1.247259	3.305056	7.559137
13	3.369525	3.597526	3.877047	6.881284	.8898230	1.193569	3.162786	7.309978
14	3.181740	3.407056	3.668242	6.473166	.8522694	1.143196	3.029305	7.100642
15	3.013135	3.239374	3.484845	6.102157	.8170192	1.095913	2.904013	6.922759
16	2.860077	3.090106	3.322057	5.763647	.7839166	1.051511	2.786352	6.769864
17	2.719784	2.955909	3.176212	5.453771	.7528174	1.009796	2.675813	6.636907
18	2.590100	2.834188	3.044456	5.169238	.7235883	.9705893	2.571921	6.519919
19	2.469321	2.722905	2.924542	4.907232	.6961065	.9337264	2.474240	6.415763
20	2.357373	2.621267	2.816697	4.677968	.6702579	.8990543	2.382364	6.321954
21	2.267541	2.526217	2.712299	4.485654	.6459376	.8664318	2.295919	6.236517
22	2.185219	2.439262	2.617134	4.309469	.6230475	.8357282	2.214559	6.157896
23	2.109424	2.359335	2.529990	4.147792	.6014977	.8068223	2.137963	6.084870
24	2.039338	2.285559	2.449862	3.999194	.5812044	.7796018	2.065833	6.016490
25	1.974282	2.217207	2.375906	3.862413	.5620904	.7539631	1.997893	5.952030
26	1.913684	2.153674	2.307414	3.736332	.5440835	.7298094	1.933890	5.890949
27	1.857058	2.094454	2.243782	3.619956	.5271171	.7070515	1.873584	5.832859
28	1.803993	2.039118	2.184495	3.512401	.5111293	.6856062	1.816758	5.777484
29	1.754135	1.987302	2.129112	3.412876	.4960629	.6653967	1.763205	5.724652
30	1.707176	1.938693	2.077251	3.320677	.4818644	.6463515	1.712738	5.674263
31	1.662853	1.893021	2.028580	3.235172	.4684843	.6284041	1.665180	5.626279
32	1.620933	1.850049	1.982809	3.155792	.4558768	.6114930	1.620368	5.580699
33	1.581210	1.809567	1.939684	3.082031	.4439992	.5955608	1.578150	5.537549
34	1.543505	1.771393	1.898980	3.013431	.4328116	.5805544	1.538385	5.496879
35	1.507658	1.735358	1.860497	2.949578	.4222775	.5664243	1.500943	5.458739
36	1.473522	1.701313	1.824058	2.890102	.4123624	.5531246	1.465701	5.423186
37	1.440970	1.669121	1.789504	2.834668	.4030347	.5406128	1.432546	5.390260
38	1.409883	1.638656	1.756691	2.782975	.3942648	.5288492	1.401374	5.360001
39	1.380156	1.609801	1.725491	2.734750	.3860252	.5177971	1.372088	5.332417
40	1.351690	1.582448	1.695785	2.689746	.3782906	.5074222	1.344596	5.307502
41	1.324397	1.556494	1.667467	2.647741	.3710374	.4976931	1.318815	5.285221
42	1.298194	1.531842	1.640439	2.608535	.3642435	.4885801	1.294667	5.265502
43	1.273003	1.508398	1.614611	2.571944	.3578889	.4800563	1.272080	5.248249
44	1.248752	1.486070	1.589899	2.537807	.3519548	.4720965	1.250988	5.233308
45	1.225371	1.464767	1.566225	2.505975	.3464237	.4646774	1.231328	5.220492
46	1.202796	1.444398	1.543517	2.476315	.3412798	.4577776	1.213044	5.209552
47	1.180960	1.424869	1.521705	2.448709	.3365082	.4513772	1.196085	5.200176
48	1.160033	1.405944	1.500532	2.422935	.3320955	.4454582	1.180400	5.191994
49	1.153558	1.399177	1.492902	2.398252	.3280292	.4400038	1.165947	5.191994
50	1.147461	1.392808	1.485720	2.375774	.3242979	.4349988	1.152684	5.191994
51	1.141715	1.386804	1.478952	2.355389	.3208914	.4304294	1.140576	5.191994
52	1.136292	1.381140	1.472566	2.336995	.3178001	.4262830	1.129588	5.191994
53	1.131169	1.375788	1.466534	2.320504	.3150158	.4225481	1.119692	5.191994
54	1.126324	1.370727	1.460831	2.305840	.3125307	.4192148	1.110859	5.191994
55	1.121737	1.365936	1.455432	2.292936	.3103382	.4162739	1.103066	5.191994
56	1.149801	1.405511	1.498210	2.281736	.3084323	.4137175	1.096292	5.296421
57	1.178087	1.445320	1.541252	2.272191	.3068082	.4115388	1.090519	5.400848
58	1.206582	1.485347	1.584540	2.264264	.3054611	.4097320	1.085731	5.505275
59	1.235272	1.525577	1.628057	2.257924	.3043878	.4082924	1.081916	5.609702
60	1.264142	1.565996	1.671788	2.253150	.3035853	.4072158	1.079063	5.714128
61	1.293183	1.606593	1.715720	2.249927	.3030515	.4064998	1.077166	5.818556
62	1.322382	1.647357	1.759839	2.248250	.3027849	.4061422	1.076218	5.922983
63	1.351731	1.688276	1.804135	2.248121	.3027849	.4061422	1.076218	6.027409
64	1.381219	1.729341	1.848595	2.249549	.3030515	.4064998	1.077166	6.131837
65	1.410839	1.770544	1.893211	2.252553	.3035853	.4072158	1.079063	6.236263

Table B-64
Victoria 1999 CO Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	92.64880	110.2248	122.5881	169.8700	5.011814	5.524984	38.58336	191.9401
4	71.79210	85.45991	94.71257	155.2029	4.618952	5.091896	35.55893	153.0762
5	59.20006	70.38727	77.82558	142.1145	4.264640	4.701306	32.83126	125.0260
6	50.78044	60.27051	66.50737	130.4165	3.944680	4.348584	30.36806	104.3272
7	44.76175	53.03145	58.40397	119.9450	3.655371	4.029653	28.14082	88.74149
8	40.25056	47.60992	52.32423	110.5572	3.393453	3.740915	26.12444	76.78657
9	36.74703	43.40734	47.59969	102.1287	3.156039	3.479192	24.29672	67.45878
10	33.94958	40.06003	43.82611	94.55042	2.940583	3.241676	22.63803	60.06437
11	31.66552	37.33432	40.74471	87.72733	2.744826	3.025875	21.13100	54.11450
12	29.76593	35.07332	38.18219	81.57587	2.566769	2.829586	19.76023	49.25864
13	28.16137	33.16777	36.01826	76.02281	2.404634	2.650850	18.51204	45.24126
14	26.78782	31.53935	34.16678	71.00380	2.256845	2.487928	17.37428	41.87328
15	25.59827	30.13044	32.56458	66.46220	2.121997	2.339273	16.33616	39.01297
16	24.55748	28.89779	31.16426	62.34811	1.998841	2.203507	15.38805	36.55278
17	23.63848	27.80838	29.92961	58.61751	1.886263	2.079402	14.52137	34.41035
18	22.82037	26.83664	28.83250	55.23150	1.783268	1.965861	13.72846	32.52206
19	22.08667	25.96254	27.85079	52.15570	1.688968	1.861905	13.00249	30.83852
20	21.20864	25.06828	26.89988	49.35966	1.602568	1.766659	12.33735	29.32117
21	20.19915	23.97173	25.72351	46.81640	1.523359	1.679339	11.72755	27.93997
22	19.27909	22.96844	24.65323	44.50197	1.450702	1.599243	11.16821	26.67148
23	18.43669	22.04601	23.67508	42.39513	1.384027	1.525741	10.65491	25.49747
24	17.66226	21.19431	22.77746	40.47698	1.322823	1.458269	10.18373	24.40387
25	16.94773	20.40511	21.95071	38.73073	1.266627	1.396320	9.751112	23.37993
26	16.28633	19.67163	21.18667	37.14144	1.215029	1.339438	9.353880	22.41747
27	15.67240	18.98827	20.47847	35.69582	1.167655	1.287214	8.989178	21.51039
28	15.10109	18.35036	19.82021	34.38201	1.124173	1.239280	8.654429	20.65417
29	14.56826	17.75394	19.20686	33.18950	1.084282	1.195304	8.347326	19.84554
30	14.07038	17.19568	18.63407	32.10891	1.047711	1.154988	8.065786	19.08213
31	13.60434	16.67268	18.09806	31.13191	1.014218	1.118066	7.807940	18.36222
32	13.16744	16.18240	17.59554	30.25113	.9835839	1.084295	7.572106	17.68460
33	12.75730	15.72261	17.12361	29.46000	.9556130	1.053460	7.356771	17.04830
34	12.37180	15.29128	16.67973	28.75275	.9301287	1.025367	7.160583	16.45257
35	12.00906	14.88660	16.26163	28.12429	.9069733	.9998403	6.982320	15.89664
36	11.66738	14.50689	15.86728	27.57015	.8860053	.9767254	6.820899	15.37976
37	11.34524	14.15061	15.49487	27.08644	.8670988	.9558830	6.675348	14.90114
38	11.04122	13.81631	15.14277	26.66984	.8501416	.9371895	6.544803	14.45974
39	10.75407	13.50264	14.80949	26.31748	.8350344	.9205354	6.428501	14.05448
40	10.48261	13.20831	14.49369	26.02697	.8216898	.9058245	6.325767	13.68398
41	10.22576	12.93208	14.19413	25.79636	.8100314	.8929724	6.236014	13.34663
42	9.982500	12.67274	13.90968	25.62410	.7999930	.8819062	6.158734	13.04063
43	9.751874	12.42907	13.63927	25.50906	.7915183	.8725636	6.093492	12.76381
44	9.532961	12.19985	13.38193	25.45045	.7845600	.8648928	6.039923	12.51368
45	9.324862	11.98378	13.13673	25.44791	.7790795	.8588511	5.997731	12.28737
46	9.126675	11.77948	12.90278	25.50140	.7750465	.8544052	5.966684	12.08162
47	8.937494	11.58545	12.67924	25.61130	.7724390	.8515307	5.946609	11.89262
48	8.756386	11.40001	12.46527	25.77831	.7712426	.8502118	5.937400	11.71610
49	8.756386	11.40001	12.46527	26.00356	.7714509	.8504415	5.939003	11.71610
50	8.756386	11.40001	12.46527	26.28856	.7730650	.8522208	5.951428	11.71610
51	8.756386	11.40001	12.46527	26.63520	.7760935	.8555595	5.974744	11.71610
52	8.756386	11.40001	12.46527	27.04585	.7805533	.8604759	6.009077	11.71610
53	8.756386	11.40001	12.46527	27.52332	.7864687	.8669971	6.054618	11.71610
54	8.756386	11.40001	12.46527	28.07090	.7938727	.8751590	6.111616	11.71610
55	8.756386	11.40001	12.46527	28.69244	.8028060	.8850071	6.180389	11.71610
56	9.849036	13.04388	14.22746	29.39232	.8133187	.8965961	6.261322	14.53768
57	10.94169	14.68776	15.98964	30.17559	.8254701	.9099917	6.354869	17.35926
58	12.03434	16.33163	17.75183	31.04797	.8393292	.9252700	6.461563	20.18084
59	13.12699	17.97550	19.51402	32.01593	.8549757	.9425186	6.582017	23.00242
60	14.21964	19.61938	21.27621	33.08677	.8725004	.9618375	6.716931	25.82400
61	15.31229	21.26325	23.03840	34.26874	.8920062	.9833406	6.867096	28.64558
62	16.40494	22.90712	24.80059	35.57110	.9136094	1.007156	7.033408	31.46715
63	17.49759	24.55099	26.56277	37.00428	.9374402	1.033427	7.216870	34.28874
64	18.59024	26.19487	28.32496	38.57998	.9636451	1.062315	7.418607	37.11032
65	19.68289	27.83874	30.08715	40.31137	.9923868	1.094000	7.639875	39.93189

Table B-65
Victoria 1999 NOX Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.148876	2.452371	2.802551	4.027701	2.416976	2.661671	23.16170	.8136578
4	1.966807	2.245341	2.564683	4.069380	2.315180	2.549569	22.18619	.7782514
5	1.857340	2.120919	2.421990	4.111059	2.220822	2.445658	21.28196	.7488697
6	1.784238	2.037936	2.326908	4.152738	2.133337	2.349316	20.44360	.7250507
7	1.731963	1.978733	2.259050	4.194417	2.052210	2.259976	19.66617	.7063493
8	1.692744	1.934469	2.208220	4.236096	1.976974	2.177123	18.94518	.6923355
9	1.662256	1.900222	2.168751	4.277775	1.907202	2.100287	18.27657	.6825964
10	1.637903	1.873031	2.137243	4.319454	1.842507	2.029043	17.65660	.6767349
11	1.618030	1.851004	2.111528	4.361133	1.782536	1.963001	17.08191	.6743701
12	1.601528	1.832872	2.090162	4.402812	1.726968	1.901806	16.54940	.6751378
13	1.587630	1.817754	2.072144	4.444490	1.675510	1.845138	16.05627	.6786894
14	1.575785	1.805012	2.056756	4.486170	1.627894	1.792702	15.59999	.6846926
15	1.565586	1.794178	2.043473	4.527848	1.583879	1.744232	15.17819	.6928319
16	1.556729	1.784896	2.031899	4.569528	1.543245	1.699483	14.78880	.7028071
17	1.548979	1.776891	2.021733	4.611207	1.505789	1.658236	14.42986	.7143353
18	1.542151	1.769944	2.012738	4.652885	1.471331	1.620289	14.09965	.7271485
19	1.536099	1.763885	2.004728	4.694564	1.439704	1.585459	13.79657	.7409962
20	1.538769	1.758503	1.997970	4.736243	1.410758	1.553584	13.51919	.7556434
21	1.548806	1.766606	2.006608	4.777922	1.384359	1.524512	13.26621	.7708712
22	1.557977	1.774083	2.014488	4.819601	1.360384	1.498110	13.03646	.7864774
23	1.566391	1.781007	2.021708	4.861279	1.338725	1.474257	12.82889	.8022757
24	1.574141	1.787437	2.028347	4.902959	1.319282	1.452846	12.64257	.8180960
25	1.581304	1.793424	2.034476	4.944638	1.301968	1.433780	12.47666	.8337849
26	1.587945	1.799007	2.040150	4.986317	1.286708	1.416975	12.33043	.8492041
27	1.594121	1.804224	2.045419	5.027996	1.273434	1.402357	12.20322	.8642329
28	1.599878	1.809105	2.050326	5.069674	1.262088	1.389862	12.09449	.8787658
29	1.605258	1.813677	2.054906	5.111354	1.252620	1.379435	12.00376	.8927140
30	1.610298	1.817964	2.059193	5.153033	1.244990	1.371033	11.93064	.9060045
31	1.615028	1.821986	2.063213	5.194711	1.239164	1.364618	11.87481	.9185811
32	1.619477	1.825764	2.066993	5.236390	1.235119	1.360162	11.83605	.9304034
33	1.623670	1.829316	2.070554	5.278069	1.232836	1.357649	11.81417	.9414471
34	1.627629	1.832658	2.073915	5.319748	1.232306	1.357065	11.80909	.9517046
35	1.631375	1.835807	2.077096	5.361427	1.233526	1.358409	11.82079	.9611841
36	1.634926	1.838778	2.080113	5.403107	1.236503	1.361687	11.84931	.9699101
37	1.638300	1.841588	2.082980	5.444785	1.241248	1.366912	11.89478	.9779229
38	1.641513	1.844250	2.085711	5.486465	1.247782	1.374107	11.95739	.9852804
39	1.644581	1.846780	2.088319	5.528143	1.256132	1.383303	12.03742	.9920556
40	1.647516	1.849195	2.090816	5.569822	1.266335	1.394539	12.13519	.9983374
41	1.650333	1.851508	2.093215	5.611501	1.278436	1.407865	12.25115	1.004231
42	1.653046	1.853737	2.095524	5.653179	1.292486	1.423337	12.38579	1.009860
43	1.655666	1.855897	2.097755	5.694859	1.308547	1.441025	12.53970	1.015360
44	1.658206	1.858005	2.099917	5.736537	1.326690	1.461004	12.71357	1.020888
45	1.660678	1.860079	2.102021	5.778216	1.346996	1.483367	12.90816	1.026611
46	1.663094	1.862137	2.104074	5.819895	1.369557	1.508211	13.12436	1.032719
47	1.665467	1.864197	2.106088	5.861574	1.394474	1.535651	13.36314	1.039413
48	1.667807	1.866278	2.108069	5.903254	1.421862	1.565811	13.62559	1.046913
49	1.723914	1.939095	2.191228	5.944933	1.451848	1.598833	13.91295	1.081004
50	1.780021	2.011911	2.274387	5.986611	1.484573	1.634871	14.22655	1.115094
51	1.836128	2.084728	2.357546	6.028290	1.520193	1.674098	14.56789	1.149184
52	1.892236	2.157545	2.440705	6.069969	1.558879	1.716701	14.93862	1.183274
53	1.948343	2.230361	2.523864	6.111649	1.600822	1.762890	15.34055	1.217364
54	2.004450	2.303178	2.607023	6.153328	1.646229	1.812894	15.77569	1.251454
55	2.060557	2.375994	2.690182	6.195005	1.695330	1.866965	16.24621	1.285544
56	2.116664	2.448811	2.773340	6.236685	1.748376	1.925382	16.75455	1.319634
57	2.172771	2.521627	2.856500	6.278364	1.805644	1.988447	17.30334	1.353724
58	2.228879	2.594444	2.939658	6.320042	1.867437	2.056497	17.89551	1.387815
59	2.284986	2.667261	3.022817	6.361722	1.934090	2.129898	18.53424	1.421905
60	2.341094	2.740077	3.105976	6.403400	2.005969	2.209054	19.22304	1.455995
61	2.397201	2.812894	3.189135	6.445079	2.083475	2.294406	19.96578	1.490085
62	2.453308	2.885710	3.272294	6.486759	2.167051	2.386444	20.76668	1.524175
63	2.509415	2.958527	3.355453	6.528438	2.257182	2.485700	21.63040	1.558265
64	2.565522	3.031343	3.438611	6.570117	2.354403	2.592763	22.56206	1.592355
65	2.621629	3.104160	3.521770	6.611795	2.459301	2.708281	23.56729	1.626445

Table B-66
Victoria 1999 EXHS Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	6.882018	8.461238	9.377966	9.633255	1.437445	1.928125	5.109254	11.99865
4	5.337122	6.571153	7.253819	8.793662	1.364717	1.830571	4.850750	9.879770
5	4.402829	5.417788	5.969701	8.040580	1.296810	1.739483	4.609380	8.310435
6	3.776962	4.640990	5.109727	7.364204	1.233366	1.654383	4.383877	7.125906
7	3.328775	4.083142	4.494005	6.755933	1.174060	1.574831	4.173076	6.216365
8	2.992305	3.663891	4.031816	6.208201	1.118588	1.500425	3.975909	5.506990
9	2.730619	3.337840	3.672379	5.714354	1.066676	1.430792	3.791392	4.945766
10	2.521410	3.077366	3.385037	5.268528	1.018069	1.365592	3.618623	4.495848
11	2.350408	2.864693	3.150190	4.865556	.9725317	1.304511	3.456766	4.130665
12	2.208055	2.687860	2.954717	4.500872	.9298494	1.247259	3.305056	3.830743
13	2.087717	2.538528	2.789513	4.170438	.8898230	1.193569	3.162786	3.581584
14	1.984639	2.410714	2.648060	3.870683	.8522694	1.143196	3.029305	3.372247
15	1.895331	2.300010	2.525575	3.598442	.8170192	1.095913	2.904013	3.194364
16	1.817174	2.203109	2.418466	3.350907	.7839166	1.051511	2.786352	3.041468
17	1.748163	2.117482	2.323989	3.125584	.7528174	1.009796	2.675813	2.908512
18	1.686743	2.041165	2.240011	2.920256	.7235883	.9705893	2.571921	2.791525
19	1.631688	1.972622	2.164850	2.732948	.6961065	.9337264	2.474240	2.687369
20	1.567972	1.904327	2.092426	2.561905	.6702579	.8990543	2.382364	2.593559
21	1.501522	1.829981	2.011102	2.405556	.6459376	.8664318	2.295919	2.508122
22	1.440983	1.762054	1.937109	2.262502	.6230475	.8357282	2.214559	2.429501
23	1.385579	1.699697	1.869482	2.131490	.6014977	.8068223	2.137963	2.356475
24	1.334671	1.642214	1.807422	2.011400	.5812044	.7796018	2.065833	2.288095
25	1.287722	1.589033	1.750262	1.901230	.5620904	.7539631	1.997893	2.223635
26	1.244283	1.539678	1.697436	1.800080	.5440835	.7298094	1.933890	2.162555
27	1.203975	1.493753	1.648469	1.707143	.5271171	.7070515	1.873584	2.104464
28	1.166477	1.450923	1.602953	1.621694	.5111293	.6856062	1.816758	2.049089
29	1.131511	1.410907	1.560540	1.543081	.4960629	.6653967	1.763205	1.996258
30	1.098840	1.373461	1.520926	1.470719	.4818644	.6463515	1.712738	1.945869
31	1.068256	1.338378	1.483850	1.404078	.4684843	.6284041	1.665180	1.897886
32	1.039578	1.305474	1.449084	1.342685	.4558768	.6114930	1.620368	1.852304
33	1.012647	1.274588	1.416426	1.286108	.4439992	.5955608	1.578150	1.809155
34	.9873227	1.245577	1.385699	1.233963	.4328116	.5805544	1.538385	1.768485
35	.9634788	1.218311	1.356745	1.185899	.4222775	.5664243	1.500943	1.730345
36	.9410027	1.192673	1.329426	1.141600	.4123624	.5531246	1.465701	1.694792
37	.9197927	1.168556	1.303613	1.100782	.4030347	.5406128	1.432546	1.661865
38	.8997568	1.145860	1.279195	1.063187	.3942648	.5288492	1.401374	1.631606
39	.8808109	1.124491	1.256069	1.028582	.3860252	.5177971	1.372088	1.604022
40	.8628774	1.104363	1.234140	.9967562	.3782906	.5074222	1.344596	1.579107
41	.8458858	1.085392	1.213325	.9675201	.3710374	.4976931	1.318815	1.556826
42	.8297693	1.067497	1.193544	.9407019	.3642435	.4885801	1.294667	1.537108
43	.8144656	1.050601	1.174725	.9161465	.3578889	.4800563	1.272080	1.519855
44	.7999160	1.034627	1.156802	.8937144	.3519548	.4720965	1.250988	1.504914
45	.7860637	1.019495	1.139710	.8732800	.3464237	.4646774	1.231328	1.492098
46	.7728540	1.005128	1.123391	.8547305	.3412798	.4577776	1.213044	1.481157
47	.7602326	.9914401	1.107787	.8379649	.3365082	.4513772	1.196085	1.471781
48	.7481456	.9783450	1.092845	.8228930	.3320955	.4454582	1.180400	1.463600
49	.7481456	.9783450	1.092845	.8094349	.3280292	.4400038	1.165947	1.463600
50	.7481456	.9783450	1.092845	.7975194	.3242979	.4349988	1.152684	1.463600
51	.7481456	.9783450	1.092845	.7870850	.3208914	.4304294	1.140576	1.463600
52	.7481456	.9783450	1.092845	.7780775	.3178001	.4262830	1.129588	1.463600
53	.7481456	.9783450	1.092845	.7704511	.3150158	.4225481	1.119692	1.463600
54	.7481456	.9783450	1.092845	.7641670	.3125307	.4192148	1.110859	1.463600
55	.7481456	.9783450	1.092845	.7591932	.3103382	.4162739	1.103066	1.463600
56	.7805568	1.022461	1.140739	.7555048	.3084323	.4137175	1.096292	1.568027
57	.8129679	1.066577	1.188633	.7530835	.3068082	.4115388	1.090519	1.672454
58	.8453790	1.110693	1.236527	.7519171	.3054611	.4097320	1.085731	1.776880
59	.8777902	1.154809	1.284420	.7520000	.3043878	.4082924	1.081916	1.881307
60	.9102014	1.198925	1.332314	.7533320	.3035853	.4072158	1.079063	1.985734
61	.9426125	1.243041	1.380208	.7559205	.3030515	.4064998	1.077166	2.090161
62	.9750236	1.287156	1.428102	.7597780	.3027849	.4061422	1.076218	2.194588
63	1.007435	1.331272	1.475996	.7649238	.3027849	.4061422	1.076218	2.299015
64	1.039846	1.375388	1.523890	.7713839	.3030515	.4064998	1.077166	2.403442
65	1.072257	1.419504	1.571784	.7791909	.3035853	.4072158	1.079063	2.507869

Table B-67
Victoria 1999 RNLS Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	7.551259	6.887208	7.670972	11.75489	.0000000	.0000000	.0000000	.0000000
4	4.571177	4.019535	4.452872	6.879073	.0000000	.0000000	.0000000	.0000000
5	3.132642	2.665598	2.938115	4.573444	.0000000	.0000000	.0000000	.0000000
6	2.319254	1.915756	2.101657	3.294637	.0000000	.0000000	.0000000	.0000000
7	1.809595	1.454988	1.589109	2.507708	.0000000	.0000000	.0000000	.0000000
8	1.612520	1.278076	1.392593	2.205763	.0000000	.0000000	.0000000	.0000000
9	1.465823	1.150390	1.251441	1.987466	.0000000	.0000000	.0000000	.0000000
10	1.339639	1.044224	1.134710	1.805547	.0000000	.0000000	.0000000	.0000000
11	1.228374	.9537079	1.035740	1.650085	.0000000	.0000000	.0000000	.0000000
12	1.128297	.8749300	.9500901	1.514465	.0000000	.0000000	.0000000	.0000000
13	1.036828	.8051814	.8746868	1.394109	.0000000	.0000000	.0000000	.0000000
14	.9521204	.7425274	.8073344	1.285746	.0000000	.0000000	.0000000	.0000000
15	.8728235	.6855488	.7464227	1.186977	.0000000	.0000000	.0000000	.0000000
16	.7979221	.6331816	.6907442	1.096003	.0000000	.0000000	.0000000	.0000000
17	.7266408	.5846121	.6393752	1.011450	.0000000	.0000000	.0000000	.0000000
18	.6583762	.5392075	.5915977	.9322457	.0000000	.0000000	.0000000	.0000000
19	.5926520	.4964677	.5468444	.8575466	.0000000	.0000000	.0000000	.0000000
20	.5444200	.4631245	.5114237	.7993259	.0000000	.0000000	.0000000	.0000000
21	.5210387	.4424199	.4883494	.7633610	.0000000	.0000000	.0000000	.0000000
22	.4992558	.4233924	.4671780	.7302307	.0000000	.0000000	.0000000	.0000000
23	.4788629	.4058228	.4476614	.6995654	.0000000	.0000000	.0000000	.0000000
24	.4596862	.3895293	.4295927	.6710570	.0000000	.0000000	.0000000	.0000000
25	.4415798	.3743586	.4127981	.6444465	.0000000	.0000000	.0000000	.0000000
26	.4244201	.3601810	.3971307	.6195151	.0000000	.0000000	.0000000	.0000000
27	.4081020	.3468863	.3824652	.5960761	.0000000	.0000000	.0000000	.0000000
28	.3925353	.3343800	.3686943	.5739697	.0000000	.0000000	.0000000	.0000000
29	.3776424	.3225804	.3557253	.5530580	.0000000	.0000000	.0000000	.0000000
30	.3633557	.3114168	.3434783	.5332215	.0000000	.0000000	.0000000	.0000000
31	.3496166	.3008278	.3318831	.5143561	.0000000	.0000000	.0000000	.0000000
32	.3363739	.2907594	.3208789	.4963709	.0000000	.0000000	.0000000	.0000000
33	.3235824	.2811643	.3104117	.4791857	.0000000	.0000000	.0000000	.0000000
34	.3112021	.2720008	.3004343	.4627302	.0000000	.0000000	.0000000	.0000000
35	.2991981	.2632319	.2909046	.4469416	.0000000	.0000000	.0000000	.0000000
36	.2875388	.2548246	.2817854	.4317645	.0000000	.0000000	.0000000	.0000000
37	.2761962	.2467497	.2730434	.4171491	.0000000	.0000000	.0000000	.0000000
38	.2651455	.2389809	.2646487	.4030513	.0000000	.0000000	.0000000	.0000000
39	.2543642	.2314947	.2565747	.3894311	.0000000	.0000000	.0000000	.0000000
40	.2438320	.2242699	.2487974	.3762527	.0000000	.0000000	.0000000	.0000000
41	.2335307	.2172874	.2412950	.3634840	.0000000	.0000000	.0000000	.0000000
42	.2234439	.2105297	.2340478	.3510954	.0000000	.0000000	.0000000	.0000000
43	.2135565	.2039814	.2270381	.3390605	.0000000	.0000000	.0000000	.0000000
44	.2038550	.1976280	.2202496	.3273553	.0000000	.0000000	.0000000	.0000000
45	.1943270	.1914566	.2136677	.3159577	.0000000	.0000000	.0000000	.0000000
46	.1849611	.1854554	.2072789	.3048477	.0000000	.0000000	.0000000	.0000000
47	.1757470	.1796134	.2010708	.2940070	.0000000	.0000000	.0000000	.0000000
48	.1669067	.1737837	.1948395	.2833055	.0000000	.0000000	.0000000	.0000000
49	.1604311	.1670171	.1872091	.2720806	.0000000	.0000000	.0000000	.0000000
50	.1543348	.1606474	.1800271	.2615180	.0000000	.0000000	.0000000	.0000000
51	.1485886	.1546439	.1732590	.2515665	.0000000	.0000000	.0000000	.0000000
52	.1431660	.1489790	.1668733	.2421798	.0000000	.0000000	.0000000	.0000000
53	.1380430	.1436275	.1608416	.2333157	.0000000	.0000000	.0000000	.0000000
54	.1331978	.1385666	.1551382	.2249360	.0000000	.0000000	.0000000	.0000000
55	.1286105	.1337754	.1497394	.2170059	.0000000	.0000000	.0000000	.0000000
56	.1242630	.1292350	.1446239	.2094938	.0000000	.0000000	.0000000	.0000000
57	.1201387	.1249281	.1397720	.2023706	.0000000	.0000000	.0000000	.0000000
58	.1162225	.1208388	.1351659	.1956099	.0000000	.0000000	.0000000	.0000000
59	.1125006	.1169526	.1307891	.1891873	.0000000	.0000000	.0000000	.0000000
60	.1089601	.1132562	.1266265	.1830808	.0000000	.0000000	.0000000	.0000000
61	.1055895	.1097374	.1226644	.1772696	.0000000	.0000000	.0000000	.0000000
62	.1023778	.1063848	.1188900	.1717351	.0000000	.0000000	.0000000	.0000000
63	.0993152	.1031881	.1152915	.1664600	.0000000	.0000000	.0000000	.0000000
64	.0963926	.1001377	.1118581	.1614280	.0000000	.0000000	.0000000	.0000000
65	.0936015	.0972247	.1085797	.1566245	.0000000	.0000000	.0000000	.0000000

Table B-68
Victoria 1999 RSTL, CC, and HTSK Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0823336	.0790178	.0655148	.0964312	.0000000	.0000000	.0000000	.7397392
--	.0083466	.0106656	.0110268	.0142772	.0000000	.0000000	.0000000	.0000000
--	.1543005	.1641319	.1363056	1.206029	.0000000	.0000000	.0000000	2.988655

Table B-69
Victoria 1999 VOC Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	11.63257	13.18915	14.62817	17.45844	1.437445	1.928125	5.109254	14.72952
4	8.257207	9.436945	10.41243	13.61539	1.364717	1.830571	4.850750	12.60117
5	6.446030	7.400106	8.135851	11.46213	1.296810	1.739483	4.609380	11.02482
6	5.327819	6.131726	6.723612	10.02314	1.233366	1.654383	4.383877	9.834996
7	4.573097	5.270350	5.766992	8.955742	1.174060	1.574831	4.173076	8.921389
8	4.122346	4.737247	5.174532	8.248424	1.118588	1.500425	3.975909	8.208841
9	3.776798	4.327234	4.719574	7.644835	1.066676	1.430792	3.791392	7.645110
10	3.495853	3.994760	4.351276	7.109843	1.018069	1.365592	3.618623	7.193181
11	3.261930	3.718769	4.046065	6.632281	.9725317	1.304511	3.456766	6.826365
12	3.063268	3.485134	3.788174	6.203648	.9298494	1.247259	3.305056	6.525103
13	2.891709	3.284021	3.566662	5.817216	.8898230	1.193569	3.162786	6.274830
14	2.741413	3.108379	3.373704	5.467532	.8522694	1.143196	3.029305	6.064556
15	2.608095	2.953024	3.203555	5.150073	.8170192	1.095913	2.904013	5.885878
16	2.488537	2.814065	3.051902	4.861034	.7839166	1.051511	2.786352	5.732298
17	2.380280	2.688525	2.915452	4.597177	.7528174	1.009796	2.675813	5.598748
18	2.281414	2.574097	2.791641	4.355718	.7235883	.9705893	2.571921	5.481238
19	2.190431	2.468964	2.678452	4.134247	.6961065	.9337264	2.474240	5.376616
20	2.099801	2.374062	2.577624	3.937033	.6702579	.8990543	2.382364	5.282388
21	2.019127	2.287736	2.482141	3.765423	.6459376	.8664318	2.295919	5.196568
22	1.945324	2.208802	2.395127	3.608250	.6230475	.8357282	2.214559	5.117596
23	1.877491	2.136284	2.315468	3.464092	.6014977	.8068223	2.137963	5.044243
24	1.814884	2.069381	2.242242	3.331687	.5812044	.7796018	2.065833	4.975558
25	1.756879	2.007431	2.174675	3.209918	.5620904	.7539631	1.997893	4.910810
26	1.702952	1.949879	2.112118	3.097792	.5440835	.7298094	1.933890	4.849457
27	1.652659	1.896263	2.054017	2.994421	.5271171	.7070515	1.873584	4.791105
28	1.605623	1.846190	1.999903	2.899017	.5111293	.6856062	1.816758	4.735484
29	1.561518	1.799328	1.949369	2.810872	.4960629	.6653967	1.763205	4.682416
30	1.520065	1.755389	1.902067	2.729352	.4818644	.6463515	1.712738	4.631802
31	1.481021	1.714125	1.857694	2.653891	.4684843	.6284041	1.665180	4.583604
32	1.444173	1.675320	1.815982	2.583977	.4558768	.6114930	1.620368	4.537819
33	1.409332	1.638783	1.776700	2.519153	.4439992	.5955608	1.578150	4.494476
34	1.376335	1.604344	1.739643	2.459004	.4328116	.5805544	1.538385	4.453624
35	1.345033	1.571851	1.704627	2.403161	.4222775	.5664243	1.500943	4.415315
36	1.315294	1.541167	1.671489	2.351285	.4123624	.5531246	1.465701	4.379602
37	1.287000	1.512165	1.640086	2.303077	.4030347	.5406128	1.432546	4.346529
38	1.260043	1.484732	1.610284	2.258262	.3942648	.5288492	1.401374	4.316134
39	1.234327	1.458761	1.581966	2.216593	.3860252	.5177971	1.372088	4.288427
40	1.209761	1.434153	1.555023	2.177849	.3782906	.5074222	1.344596	4.263401
41	1.186265	1.410815	1.529358	2.141826	.3710374	.4976931	1.318815	4.241020
42	1.163763	1.388659	1.504881	2.108345	.3642435	.4885801	1.294667	4.221214
43	1.142184	1.367598	1.481508	2.077240	.3578889	.4800563	1.272080	4.203883
44	1.121463	1.347551	1.459162	2.048363	.3519548	.4720965	1.250988	4.188875
45	1.101536	1.328435	1.437772	2.021582	.3464237	.4646774	1.231328	4.176003
46	1.082344	1.310168	1.417270	1.996775	.3412798	.4577776	1.213044	4.165013
47	1.063828	1.292664	1.397592	1.973837	.3365082	.4513772	1.196085	4.155595
48	1.046085	1.275772	1.378576	1.952605	.3320955	.4454582	1.180400	4.147377
49	1.041899	1.271404	1.373670	1.932650	.3280292	.4400038	1.165947	4.147377
50	1.037956	1.267291	1.369051	1.914584	.3242979	.4349988	1.152684	4.147377
51	1.034238	1.263413	1.364697	1.898315	.3208914	.4304294	1.140576	4.147377
52	1.030728	1.259752	1.360587	1.883762	.3178001	.4262830	1.129588	4.147377
53	1.027410	1.256291	1.356703	1.870856	.3150158	.4225481	1.119692	4.147377
54	1.024271	1.253018	1.353030	1.859535	.3125307	.4192148	1.110859	4.147377
55	1.021297	1.249917	1.349551	1.849746	.3103382	.4162739	1.103066	4.147377
56	1.050294	1.289685	1.393367	1.841446	.3084323	.4137175	1.096292	4.252271
57	1.079435	1.329603	1.437351	1.834599	.3068082	.4115388	1.090519	4.357164
58	1.108709	1.369661	1.481493	1.829177	.3054611	.4097320	1.085731	4.462058
59	1.138108	1.409849	1.525781	1.825158	.3043878	.4082924	1.081916	4.566952
60	1.167625	1.450160	1.570207	1.822530	.3035853	.4072158	1.079063	4.671845
61	1.197250	1.490584	1.614761	1.821285	.3030515	.4064998	1.077166	4.776740
62	1.226978	1.531116	1.659436	1.821424	.3027849	.4061422	1.076218	4.881633
63	1.256802	1.571747	1.704223	1.822953	.3027849	.4061422	1.076218	4.986526
64	1.286716	1.612473	1.749116	1.825889	.3030515	.4064998	1.077166	5.091421
65	1.316715	1.653288	1.794109	1.830252	.3035853	.4072158	1.079063	5.196314

Table B-70
Victoria 1999 CO Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	90.30991	105.5783	118.9704	149.8936	5.011814	5.524984	38.58336	169.8933
4	70.00096	81.87779	91.97945	136.9513	4.618952	5.091896	35.55893	135.4935
5	57.75552	67.49137	75.64264	125.4021	4.264640	4.701306	32.83126	110.6651
6	49.57269	57.84730	64.69843	115.0798	3.944680	4.348584	30.36806	92.34384
7	43.72421	50.94872	56.86449	105.8397	3.655371	4.029653	28.14082	78.54836
8	39.34004	45.78083	50.98708	97.55591	3.393453	3.740915	26.12444	67.96663
9	35.93410	41.77236	46.41942	90.11852	3.156039	3.479192	24.29672	59.71026
10	33.21350	38.57706	42.77062	83.43147	2.940583	3.241676	22.63803	53.16519
11	30.99121	35.97283	39.79058	77.41075	2.744826	3.025875	21.13100	47.89875
12	29.14223	33.81074	37.31189	71.98270	2.566769	2.829586	19.76023	43.60065
13	27.57985	31.98720	35.21836	67.08267	2.404634	2.650850	18.51204	40.04472
14	26.24204	30.42797	33.42683	62.65388	2.256845	2.487928	17.37428	37.06359
15	25.08327	29.07850	31.87630	58.64637	2.121997	2.339273	16.33616	34.53181
16	24.06940	27.89782	30.52099	55.01609	1.998841	2.203507	15.38805	32.35421
17	23.17430	26.85467	29.32595	51.72420	1.886263	2.079402	14.52137	30.45788
18	22.37772	25.92480	28.26401	48.73637	1.783268	1.965861	13.72846	28.78648
19	21.66367	25.08919	27.31377	46.02228	1.688968	1.861905	13.00249	27.29631
20	20.80341	24.22374	26.38046	43.55505	1.602568	1.766659	12.33735	25.95325
21	19.81017	23.15533	25.22153	41.31087	1.523359	1.679339	11.72755	24.73070
22	18.90543	22.17905	24.16722	39.26862	1.450702	1.599243	11.16821	23.60792
23	18.07755	21.28270	23.20375	37.40954	1.384027	1.525741	10.65491	22.56876
24	17.31695	20.45627	22.31972	35.71696	1.322823	1.458269	10.18373	21.60077
25	16.61561	19.69158	21.50558	34.17607	1.266627	1.396320	9.751112	20.69444
26	15.96682	18.98183	20.75329	32.77368	1.215029	1.339438	9.353880	19.84253
27	15.36491	18.32139	20.05605	31.49805	1.167655	1.287214	8.989178	19.03963
28	14.80504	17.70549	19.40805	30.33875	1.124173	1.239280	8.654429	18.28177
29	14.28308	17.13014	18.80431	29.28647	1.084282	1.195304	8.347326	17.56602
30	13.79546	16.59190	18.24054	28.33296	1.047711	1.154988	8.065786	16.89029
31	13.33910	16.08779	17.71297	27.47086	1.014218	1.118066	7.807940	16.25308
32	12.91126	15.61521	17.21838	26.69365	.9835839	1.084295	7.572106	15.65330
33	12.50957	15.17188	16.75388	25.99556	.9556130	1.053460	7.356771	15.09008
34	12.13191	14.75572	16.31695	25.37148	.9301287	1.025367	7.160583	14.56278
35	11.77640	14.36490	15.90536	24.81692	.9069733	.9998403	6.982320	14.07070
36	11.44133	13.99773	15.51709	24.32795	.8860053	.9767254	6.820899	13.61320
37	11.12519	13.65267	15.15036	23.90113	.8670988	.9558830	6.675348	13.18955
38	10.82660	13.32827	14.80356	23.53352	.8501416	.9371895	6.544803	12.79885
39	10.54430	13.02323	14.47521	23.22260	.8350344	.9205354	6.428501	12.44014
40	10.27714	12.73627	14.16400	22.96625	.8216898	.9058245	6.325767	12.11220
41	10.02407	12.46623	13.86870	22.76276	.8100314	.8929724	6.236014	11.81359
42	9.784092	12.21194	13.58821	22.61076	.7999930	.8819062	6.158734	11.54275
43	9.556295	11.97229	13.32148	22.50924	.7915183	.8725636	6.093492	11.29772
44	9.339802	11.74616	13.06756	22.45753	.7845600	.8648928	6.039923	11.07632
45	9.133761	11.53238	12.82553	22.45528	.7790795	.8588511	5.997731	10.87601
46	8.937346	11.32974	12.59455	22.50249	.7750465	.8544052	5.966684	10.69389
47	8.749731	11.13694	12.37380	22.59945	.7724390	.8515307	5.946609	10.52660
48	8.570081	10.95258	12.16247	22.74683	.7712426	.8502118	5.937400	10.37036
49	8.570081	10.95258	12.16247	22.94559	.7714509	.8504415	5.939003	10.37036
50	8.570081	10.95258	12.16247	23.19706	.7730650	.8522208	5.951428	10.37036
51	8.570081	10.95258	12.16247	23.50294	.7760935	.8555595	5.974744	10.37036
52	8.570081	10.95258	12.16247	23.86530	.7805533	.8604759	6.009077	10.37036
53	8.570081	10.95258	12.16247	24.28662	.7864687	.8669971	6.054618	10.37036
54	8.570081	10.95258	12.16247	24.76982	.7938727	.8751590	6.111616	10.37036
55	8.570081	10.95258	12.16247	25.31826	.8028060	.8850071	6.180389	10.37036
56	9.619541	12.48939	13.85505	25.93584	.8133187	.8965961	6.261322	12.86784
57	10.66900	14.02621	15.54763	26.62700	.8254701	.9099917	6.354869	15.36532
58	11.71846	15.56302	17.24020	27.39679	.8393292	.9252700	6.461563	17.86281
59	12.76792	17.09983	18.93278	28.25091	.8549757	.9425186	6.582017	20.36029
60	13.81738	18.63664	20.62535	29.19583	.8725004	.9618375	6.716931	22.85778
61	14.86684	20.17346	22.31793	30.23880	.8920062	.9833406	6.867096	25.35526
62	15.91630	21.71027	24.01051	31.38800	.9136094	1.007156	7.033408	27.85274
63	16.96576	23.24709	25.70309	32.65265	.9374402	1.033427	7.216870	30.35023
64	18.01522	24.78390	27.39566	34.04305	.9636451	1.062315	7.418607	32.84771
65	19.06468	26.32071	29.08824	35.57082	.9923868	1.094000	7.639875	35.34520

Table B-71
Victoria 1999 NOX Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.136338	2.441285	2.790040	4.050804	2.416976	2.661671	23.16170	.8587984
4	1.955662	2.235522	2.553649	4.092722	2.315180	2.549569	22.18619	.8214276
5	1.846998	2.111837	2.411839	4.134640	2.220822	2.445658	21.28196	.7904159
6	1.774408	2.029334	2.317348	4.176558	2.133337	2.349316	20.44360	.7652757
7	1.722485	1.970472	2.249917	4.218475	2.052210	2.259976	19.66617	.7455366
8	1.683520	1.926467	2.199413	4.260394	1.976974	2.177123	18.94518	.7307454
9	1.653223	1.892427	2.160203	4.302312	1.907202	2.100287	18.27657	.7204659
10	1.629020	1.865411	2.128909	4.344230	1.842507	2.029043	17.65660	.7142793
11	1.609267	1.843538	2.103376	4.386147	1.782536	1.963001	17.08191	.7117833
12	1.592866	1.825545	2.082168	4.428066	1.726968	1.901806	16.54940	.7125935
13	1.579053	1.810555	2.064290	4.469984	1.675510	1.845138	16.05627	.7163422
14	1.567283	1.797936	2.049028	4.511902	1.627894	1.792702	15.59999	.7226785
15	1.557152	1.787219	2.035860	4.553820	1.583879	1.744232	15.17819	.7312693
16	1.548356	1.778049	2.024393	4.595738	1.543245	1.699483	14.78880	.7417981
17	1.540663	1.770154	2.014326	4.637656	1.505789	1.658236	14.42986	.7539656
18	1.533888	1.763315	2.005423	4.679574	1.471331	1.620289	14.09965	.7674898
19	1.527887	1.757360	1.997500	4.721492	1.439704	1.585459	13.79657	.7821057
20	1.530537	1.752115	1.990868	4.763410	1.410758	1.553584	13.51919	.7975655
21	1.540498	1.760272	1.999543	4.805327	1.384359	1.524512	13.26621	.8136382
22	1.549601	1.767805	2.007460	4.847246	1.360384	1.498110	13.03646	.8301102
23	1.557957	1.774785	2.014717	4.889164	1.338725	1.474257	12.82889	.8467849
24	1.565657	1.781273	2.021394	4.931081	1.319282	1.452846	12.64257	.8634830
25	1.572776	1.787316	2.027558	4.973000	1.301968	1.433780	12.47666	.8800423
26	1.579380	1.792957	2.033268	5.014917	1.286708	1.416975	12.33043	.8963169
27	1.585523	1.798229	2.038572	5.056836	1.273434	1.402357	12.20322	.9121795
28	1.591252	1.803165	2.043513	5.098753	1.262088	1.389862	12.09449	.9275187
29	1.596609	1.807790	2.048128	5.140672	1.252620	1.379435	12.00376	.9422406
30	1.601629	1.812128	2.052447	5.182590	1.244990	1.371033	11.93064	.9562686
31	1.606343	1.816201	2.056500	5.224507	1.239164	1.364618	11.87481	.9695427
32	1.610780	1.820027	2.060312	5.266426	1.235119	1.360162	11.83605	.9820210
33	1.614963	1.823625	2.063905	5.308344	1.232836	1.357649	11.81417	.9936773
34	1.618917	1.827011	2.067299	5.350262	1.232306	1.357065	11.80909	1.004504
35	1.622659	1.830203	2.070511	5.392180	1.233526	1.358409	11.82079	1.014509
36	1.626210	1.833216	2.073559	5.434098	1.236503	1.361687	11.84931	1.023719
37	1.629587	1.836066	2.076458	5.476016	1.241248	1.366912	11.89478	1.032177
38	1.632806	1.838767	2.079221	5.517934	1.247782	1.374107	11.95739	1.039943
39	1.635882	1.841337	2.081863	5.559852	1.256132	1.383303	12.03742	1.047094
40	1.638829	1.843790	2.084395	5.601770	1.266335	1.394539	12.13519	1.053724
41	1.641662	1.846143	2.086830	5.643688	1.278436	1.407865	12.25115	1.059945
42	1.644393	1.848412	2.089177	5.685606	1.292486	1.423337	12.38579	1.065885
43	1.647035	1.850615	2.091449	5.727524	1.308547	1.441025	12.53970	1.071691
44	1.649602	1.852768	2.093655	5.769443	1.326690	1.461004	12.71357	1.077525
45	1.652105	1.854889	2.095804	5.811360	1.346996	1.483367	12.90816	1.083566
46	1.654557	1.856999	2.097908	5.853279	1.369557	1.508211	13.12436	1.090013
47	1.656971	1.859116	2.099976	5.895196	1.394474	1.535651	13.36314	1.097079
48	1.659357	1.861259	2.102016	5.937114	1.421862	1.565811	13.62559	1.104995
49	1.715236	1.933893	2.184998	5.979033	1.451848	1.598833	13.91295	1.140976
50	1.771114	2.006526	2.267980	6.020949	1.484573	1.634871	14.22655	1.176957
51	1.826993	2.079160	2.350962	6.062868	1.520193	1.674098	14.56789	1.212939
52	1.882871	2.151793	2.433944	6.104785	1.558879	1.716701	14.93862	1.248920
53	1.938749	2.224427	2.516926	6.146704	1.600822	1.762890	15.34055	1.284902
54	1.994627	2.297061	2.599908	6.188622	1.646229	1.812894	15.77569	1.320883
55	2.050506	2.369694	2.682890	6.230540	1.695330	1.866965	16.24621	1.356864
56	2.106384	2.442328	2.765872	6.272458	1.748376	1.925382	16.75455	1.392846
57	2.162263	2.514962	2.848854	6.314376	1.805644	1.988447	17.30334	1.428827
58	2.218141	2.587595	2.931836	6.356293	1.867437	2.056497	17.89551	1.464809
59	2.274020	2.660229	3.014818	6.398212	1.934090	2.129898	18.53424	1.500790
60	2.329898	2.732863	3.097800	6.440130	2.005969	2.209054	19.22304	1.536771
61	2.385776	2.805496	3.180782	6.482048	2.083475	2.294406	19.96578	1.572753
62	2.441655	2.878130	3.263764	6.523966	2.167051	2.386444	20.76668	1.608734
63	2.497533	2.950764	3.346746	6.565884	2.257182	2.485700	21.63040	1.644716
64	2.553411	3.023397	3.429728	6.607801	2.354403	2.592763	22.56206	1.680697
65	2.609290	3.096031	3.512710	6.649720	2.459301	2.708281	23.56729	1.716678

Table B-72
Victoria 1999 EXHS Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	6.789105	8.276493	9.272815	9.169787	1.437445	1.928125	5.109254	12.05228
4	5.264986	6.425897	7.174241	8.370588	1.364717	1.830571	4.850750	9.923937
5	4.344066	5.298549	5.905407	7.653738	1.296810	1.739483	4.609380	8.347585
6	3.727486	4.540043	5.055598	7.009905	1.233366	1.654383	4.383877	7.157763
7	3.286073	3.995620	4.447127	6.430897	1.174060	1.574831	4.173076	6.244155
8	2.954724	3.586543	3.990374	5.909516	1.118588	1.500425	3.975909	5.531607
9	2.697020	3.268401	3.635165	5.439429	1.066676	1.430792	3.791392	4.967875
10	2.490979	3.014210	3.351208	5.015053	1.018069	1.365592	3.618623	4.515945
11	2.322547	2.806624	3.119131	4.631469	.9725317	1.304511	3.456766	4.149130
12	2.182320	2.633983	2.925968	4.284329	.9298494	1.247259	3.305056	3.847867
13	2.063764	2.488163	2.762720	3.969793	.8898230	1.193569	3.162786	3.597595
14	1.962206	2.363336	2.622944	3.684461	.8522694	1.143196	3.029305	3.387321
15	1.874213	2.255214	2.501913	3.425317	.8170192	1.095913	2.904013	3.208643
16	1.797207	2.160575	2.396077	3.189691	.7839166	1.051511	2.786352	3.055064
17	1.729218	2.076959	2.302724	2.975208	.7528174	1.009796	2.675813	2.921514
18	1.668716	2.002456	2.219745	2.779758	.7235883	.9705893	2.571921	2.804004
19	1.614495	1.935565	2.145477	2.601463	.6961065	.9337264	2.474240	2.699382
20	1.551547	1.868593	2.073527	2.438648	.6702579	.8990543	2.382364	2.605152
21	1.485807	1.795648	1.992899	2.289822	.6459376	.8664318	2.295919	2.519334
22	1.425930	1.729034	1.919537	2.153650	.6230475	.8357282	2.214559	2.440362
23	1.371147	1.667917	1.852486	2.028941	.6014977	.8068223	2.137963	2.367009
24	1.320822	1.611610	1.790955	1.914629	.5812044	.7796018	2.065833	2.298324
25	1.274425	1.559546	1.734279	1.809760	.5620904	.7539631	1.997893	2.233575
26	1.231507	1.511253	1.681902	1.713476	.5440835	.7298094	1.933890	2.172223
27	1.191693	1.466339	1.633349	1.625010	.5271171	.7070515	1.873584	2.113872
28	1.154662	1.424471	1.588217	1.543672	.5111293	.6856062	1.816758	2.058249
29	1.120137	1.385367	1.546161	1.468841	.4960629	.6653967	1.763205	2.005182
30	1.087882	1.348784	1.506881	1.399961	.4818644	.6463515	1.712738	1.954567
31	1.057689	1.314514	1.470117	1.336526	.4684843	.6284041	1.665180	1.906370
32	1.029379	1.282374	1.435643	1.278086	.4558768	.6114930	1.620368	1.860585
33	1.002793	1.252204	1.403259	1.224232	.4439992	.5955608	1.578150	1.817242
34	.9777906	1.223859	1.372791	1.174596	.4328116	.5805544	1.538385	1.776390
35	.9542458	1.197211	1.344081	1.128844	.4222775	.5664243	1.500943	1.738080
36	.9320469	1.172143	1.316992	1.086677	.4123624	.5531246	1.465701	1.702368
37	.9110929	1.148548	1.291398	1.047822	.4030347	.5406128	1.432546	1.669294
38	.8912923	1.126328	1.267187	1.012036	.3942648	.5288492	1.401374	1.638899
39	.8725618	1.105392	1.244257	.9790955	.3860252	.5177971	1.372088	1.611193
40	.8548250	1.085654	1.222516	.9488012	.3782906	.5074222	1.344596	1.586167
41	.8380123	1.067034	1.201878	.9209715	.3710374	.4976931	1.318815	1.563785
42	.8220579	1.049452	1.182267	.8954435	.3642435	.4885801	1.294667	1.543979
43	.8069011	1.032834	1.163611	.8720696	.3578889	.4800563	1.272080	1.526649
44	.7924844	1.017107	1.145843	.8507167	.3519548	.4720965	1.250988	1.511641
45	.7787529	1.002196	1.128899	.8312654	.3464237	.4646774	1.231328	1.498768
46	.7656537	.9880260	1.112722	.8136085	.3412798	.4577776	1.213044	1.487779
47	.7531350	.9745195	1.097255	.7976494	.3365082	.4513772	1.196085	1.478361
48	.7411451	.9615953	1.082444	.7833027	.3320955	.4454582	1.180400	1.470143
49	.7411451	.9615953	1.082444	.7704919	.3280292	.4400038	1.165947	1.470143
50	.7411451	.9615953	1.082444	.7591498	.3242979	.4349988	1.152684	1.470143
51	.7411451	.9615953	1.082444	.7492173	.3208914	.4304294	1.140576	1.470143
52	.7411451	.9615953	1.082444	.7406433	.3178001	.4262830	1.129588	1.470143
53	.7411451	.9615953	1.082444	.7333838	.3150158	.4225481	1.119692	1.470143
54	.7411451	.9615953	1.082444	.7274019	.3125307	.4192148	1.110859	1.470143
55	.7411451	.9615953	1.082444	.7226675	.3103382	.4162739	1.103066	1.470143
56	.7729620	1.004303	1.129557	.7191565	.3084323	.4137175	1.096292	1.575036
57	.8047786	1.047010	1.176669	.7168517	.3068082	.4115388	1.090519	1.679930
58	.8365953	1.089718	1.223782	.7157415	.3054611	.4097320	1.085731	1.784824
59	.8684120	1.132425	1.270895	.7158203	.3043878	.4082924	1.081916	1.889717
60	.9002288	1.175133	1.318007	.7170883	.3035853	.4072158	1.079063	1.994611
61	.9320456	1.217840	1.365120	.7195522	.3030515	.4064998	1.077166	2.099505
62	.9638622	1.260548	1.412233	.7232242	.3027849	.4061422	1.076218	2.204398
63	.9956790	1.303255	1.459345	.7281225	.3027849	.4061422	1.076218	2.309292
64	1.027496	1.345963	1.506458	.7342716	.3030515	.4064998	1.077166	2.414186
65	1.059312	1.388670	1.553571	.7417030	.3035853	.4072158	1.079063	2.519080

Table B-73
Victoria 1999 RNLS Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	4.648757	4.712884	5.186617	7.301639	.0000000	.0000000	.0000000	.0000000
4	2.797513	2.811274	3.069451	4.257798	.0000000	.0000000	.0000000	.0000000
5	1.907256	1.901783	2.061706	2.821384	.0000000	.0000000	.0000000	.0000000
6	1.405624	1.391907	1.499276	2.026231	.0000000	.0000000	.0000000	.0000000
7	1.092316	1.074953	1.151126	1.537837	.0000000	.0000000	.0000000	.0000000
8	.9729148	.9509289	1.015420	1.351898	.0000000	.0000000	.0000000	.0000000
9	.8850706	.8590586	.9156702	1.218399	.0000000	.0000000	.0000000	.0000000
10	.8101670	.7807739	.8313297	1.107781	.0000000	.0000000	.0000000	.0000000
11	.7446748	.7123694	.7581961	1.013805	.0000000	.0000000	.0000000	.0000000
12	.6862411	.6513754	.6934676	.9323092	.0000000	.0000000	.0000000	.0000000
13	.6332372	.5960816	.6352048	.8604150	.0000000	.0000000	.0000000	.0000000
14	.5844995	.5452666	.5820221	.7960640	.0000000	.0000000	.0000000	.0000000
15	.5391748	.4980346	.5329034	.7377481	.0000000	.0000000	.0000000	.0000000
16	.4966232	.4537140	.4870868	.6843355	.0000000	.0000000	.0000000	.0000000
17	.4563553	.4117908	.4439896	.6349609	.0000000	.0000000	.0000000	.0000000
18	.4179904	.3718655	.4031587	.5889513	.0000000	.0000000	.0000000	.0000000
19	.3812282	.3336227	.3642359	.5457755	.0000000	.0000000	.0000000	.0000000
20	.3535472	.3056927	.3353581	.5113760	.0000000	.0000000	.0000000	.0000000
21	.3386124	.2923128	.3205045	.4885928	.0000000	.0000000	.0000000	.0000000
22	.3246859	.2799916	.3068518	.4675927	.0000000	.0000000	.0000000	.0000000
23	.3116364	.2685908	.2942432	.4481429	.0000000	.0000000	.0000000	.0000000
24	.2993541	.2579956	.2825483	.4300498	.0000000	.0000000	.0000000	.0000000
25	.2877470	.2481092	.2716573	.4131506	.0000000	.0000000	.0000000	.0000000
26	.2767372	.2388499	.2614777	.3973076	.0000000	.0000000	.0000000	.0000000
27	.2662582	.2301479	.2519302	.3824032	.0000000	.0000000	.0000000	.0000000
28	.2562534	.2219436	.2429472	.3683371	.0000000	.0000000	.0000000	.0000000
29	.2466735	.2141855	.2344702	.3550225	.0000000	.0000000	.0000000	.0000000
30	.2374761	.2068289	.2264487	.3423841	.0000000	.0000000	.0000000	.0000000
31	.2286243	.1998350	.2188386	.3303567	.0000000	.0000000	.0000000	.0000000
32	.2200855	.1931698	.2116014	.3188828	.0000000	.0000000	.0000000	.0000000
33	.2118313	.1868035	.2047030	.3079122	.0000000	.0000000	.0000000	.0000000
34	.2038367	.1807095	.1981137	.2974005	.0000000	.0000000	.0000000	.0000000
35	.1960793	.1748647	.1918069	.2873083	.0000000	.0000000	.0000000	.0000000
36	.1885394	.1692483	.1857592	.2776008	.0000000	.0000000	.0000000	.0000000
37	.1811994	.1638416	.1799494	.2682466	.0000000	.0000000	.0000000	.0000000
38	.1740435	.1586282	.1743588	.2592179	.0000000	.0000000	.0000000	.0000000
39	.1670575	.1535932	.1689705	.2504897	.0000000	.0000000	.0000000	.0000000
40	.1602286	.1487231	.1637695	.2420394	.0000000	.0000000	.0000000	.0000000
41	.1535455	.1440061	.1587419	.2338466	.0000000	.0000000	.0000000	.0000000
42	.1469976	.1394310	.1538754	.2258931	.0000000	.0000000	.0000000	.0000000
43	.1405756	.1349881	.1491587	.2181621	.0000000	.0000000	.0000000	.0000000
44	.1342708	.1306683	.1445816	.2106384	.0000000	.0000000	.0000000	.0000000
45	.1280755	.1264633	.1401349	.2033082	.0000000	.0000000	.0000000	.0000000
46	.1219825	.1223658	.1358100	.1961589	.0000000	.0000000	.0000000	.0000000
47	.1159852	.1183688	.1315991	.1891789	.0000000	.0000000	.0000000	.0000000
48	.1102319	.1144007	.1273937	.1822942	.0000000	.0000000	.0000000	.0000000
49	.1060459	.1100331	.1224881	.1751501	.0000000	.0000000	.0000000	.0000000
50	.1021033	.1059200	.1178691	.1684259	.0000000	.0000000	.0000000	.0000000
51	.0983853	.1020416	.1135146	.1620893	.0000000	.0000000	.0000000	.0000000
52	.0948750	.0983804	.1094047	.1561109	.0000000	.0000000	.0000000	.0000000
53	.0915571	.0949203	.1055212	.1504641	.0000000	.0000000	.0000000	.0000000
54	.0884177	.0916466	.1018476	.1451245	.0000000	.0000000	.0000000	.0000000
55	.0854439	.0885461	.0983691	.1400703	.0000000	.0000000	.0000000	.0000000
56	.0826243	.0856066	.0950718	.1352813	.0000000	.0000000	.0000000	.0000000
57	.0799482	.0828171	.0919434	.1307393	.0000000	.0000000	.0000000	.0000000
58	.0774060	.0801674	.0889723	.1264273	.0000000	.0000000	.0000000	.0000000
59	.0749887	.0776482	.0861481	.1223301	.0000000	.0000000	.0000000	.0000000
60	.0726882	.0752511	.0834612	.1184335	.0000000	.0000000	.0000000	.0000000
61	.0704970	.0729681	.0809027	.1147246	.0000000	.0000000	.0000000	.0000000
62	.0684083	.0707920	.0784646	.1111914	.0000000	.0000000	.0000000	.0000000
63	.0664156	.0687163	.0761393	.1078230	.0000000	.0000000	.0000000	.0000000
64	.0645130	.0667347	.0739198	.1046091	.0000000	.0000000	.0000000	.0000000
65	.0626952	.0648416	.0717998	.1015405	.0000000	.0000000	.0000000	.0000000

Table B-74
Victoria 1999 RSTL, CC, and HTSK Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0670218	.0643227	.0533308	.0784976	.0000000	.0000000	.0000000	.6021678
--	.0083466	.0106656	.0110268	.0142772	.0000000	.0000000	.0000000	.0000000
--	.1193391	.1247875	.1043805	.8942333	.0000000	.0000000	.0000000	2.075067

Table B-75
Victoria 1999 Diurnal Emission Rates

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.1665020	.2102184	.1748753	.4940014	.0000000	.0000000	.0000000	2.597090

Table B-76
Victoria 2007 VOC Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	8.461582	9.933843	11.35183	10.87583	1.093297	1.500665	4.469860	13.47640
4	6.096056	7.186278	8.219444	8.666195	1.037981	1.424738	4.243707	11.31722
5	4.821492	5.690788	6.512407	7.380963	.9863322	1.353844	4.032543	9.718042
6	4.032098	4.757567	5.446217	6.492139	.9380780	1.287611	3.835260	8.510986
7	3.497787	4.122218	4.719837	5.813979	.8929702	1.225695	3.650839	7.584147
8	3.163162	3.715713	4.252911	5.336466	.8507797	1.167784	3.478347	6.861279
9	2.907163	3.403342	3.894202	4.924514	.8112962	1.113589	3.316921	6.289382
10	2.701157	3.151484	3.605291	4.558444	.7743261	1.062844	3.165773	5.830908
11	2.531508	2.943636	3.367139	4.231248	.7396915	1.015304	3.024171	5.458780
12	2.389129	2.768795	3.167058	3.937474	.7072281	.9707447	2.891447	5.153153
13	2.267725	2.619344	2.996261	3.672742	.6767847	.9289580	2.766982	4.899257
14	2.162802	2.489844	2.848474	3.433445	.6482220	.8897527	2.650205	4.685938
15	2.071064	2.376303	2.719094	3.216558	.6214113	.8529522	2.540592	4.504671
16	1.990039	2.275729	2.604671	3.019512	.5962340	.8183937	2.437656	4.348868
17	1.917835	2.185833	2.502565	2.840101	.5725805	.7859267	2.340951	4.213383
18	1.852984	2.104837	2.410722	2.676416	.5503494	.7554122	2.250060	4.094172
19	1.794323	2.031336	2.327523	2.526797	.5294471	.7267216	2.164603	3.988035
20	1.722137	1.950541	2.234457	2.391888	.5097871	.6997364	2.084225	3.892440
21	1.648716	1.873970	2.145354	2.271462	.4912893	.6743462	2.008598	3.805378
22	1.581873	1.804302	2.064294	2.161243	.4738796	.6504494	1.937420	3.725263
23	1.520750	1.740638	1.990229	2.060235	.4574892	.6279519	1.870409	3.650847
24	1.464632	1.682228	1.922284	1.967554	.4420545	.6067662	1.807306	3.581167
25	1.412917	1.628440	1.859725	1.882414	.4275166	.5868114	1.747869	3.515481
26	1.365099	1.578741	1.801931	1.804116	.4138209	.5680125	1.691875	3.453240
27	1.320745	1.532678	1.748371	1.732034	.4009165	.5503000	1.639116	3.394043
28	1.279482	1.489859	1.698593	1.665611	.3887565	.5336090	1.589401	3.337616
29	1.240992	1.449951	1.652205	1.604346	.3772972	.5178800	1.542550	3.283780
30	1.204996	1.412662	1.608868	1.547792	.3664981	.5030570	1.498399	3.232432
31	1.171255	1.377737	1.568287	1.495545	.3563214	.4890885	1.456793	3.183536
32	1.139555	1.344957	1.530203	1.447245	.3467324	.4759266	1.417589	3.137088
33	1.109712	1.314125	1.494390	1.402565	.3376984	.4635265	1.380654	3.093118
34	1.081563	1.285070	1.460647	1.361212	.3291894	.4518470	1.345865	3.051675
35	1.054960	1.257640	1.428796	1.322924	.3211773	.4408495	1.313108	3.012810
36	1.029777	1.231698	1.398681	1.287460	.3136361	.4304984	1.282277	2.976580
37	1.005897	1.207125	1.370160	1.254607	.3065415	.4207604	1.253271	2.943027
38	.9832181	1.183812	1.343107	1.224170	.2998712	.4116047	1.226000	2.912192
39	.9616476	1.161663	1.317409	1.195974	.2936044	.4030028	1.200379	2.884084
40	.9411023	1.140590	1.292966	1.169860	.2877216	.3949281	1.176327	2.858696
41	.9215074	1.120515	1.269684	1.145684	.2822049	.3873558	1.153773	2.835990
42	.9027947	1.101365	1.247482	1.123319	.2770376	.3802632	1.132647	2.815897
43	.8849031	1.083077	1.226283	1.102647	.2722044	.3736291	1.112887	2.798316
44	.8677760	1.065592	1.206019	1.083562	.2676910	.3674340	1.094434	2.783091
45	.8513632	1.048856	1.186629	1.065971	.2634842	.3616596	1.077235	2.770031
46	.8356174	1.032821	1.168054	1.049787	.2595718	.3562895	1.061239	2.758883
47	.8204964	1.017441	1.150244	1.034935	.2559426	.3513080	1.046402	2.749328
48	.8059256	1.002589	1.133045	1.021253	.2525864	.3467013	1.032680	2.740991
49	.8032670	.9997835	1.129897	1.008022	.2494936	.3424562	1.020035	2.740991
50	.8007644	.9971430	1.126934	.9960915	.2466556	.3385608	1.008433	2.740991
51	.7984061	.9946545	1.124142	.9854006	.2440647	.3350043	.9978395	2.740991
52	.7961808	.9923068	1.121508	.9758958	.2417135	.3317772	.9882271	2.740991
53	.7940789	.9900892	1.119020	.9675304	.2395958	.3288703	.9795687	2.740991
54	.7920914	.9879924	1.116668	.9602645	.2377057	.3262760	.9718413	2.740991
55	.7902098	.9860075	1.114442	.9540641	.2360381	.3239871	.9650235	2.740991
56	.8120863	1.009269	1.140317	.9489005	.2345886	.3219974	.9590972	2.847404
57	.8340547	1.032626	1.166300	.9447514	.2333532	.3203018	.9540464	2.953817
58	.8561085	1.056075	1.192385	.9415988	.2323287	.3188955	.9498579	3.060230
59	.8782424	1.079607	1.218565	.9394307	.2315123	.3177750	.9465203	3.166643
60	.9004508	1.103219	1.244833	.9382392	.2309020	.3169371	.9440249	3.273056
61	.9227291	1.126904	1.271184	.9380221	.2304959	.3163798	.9423648	3.379469
62	.9450727	1.150658	1.297612	.9387817	.2302932	.3161016	.9415358	3.485882
63	.9674776	1.174477	1.324113	.9405259	.2302932	.3161016	.9415358	3.592294
64	.9899400	1.198356	1.350682	.9432666	.2304959	.3163798	.9423648	3.698707
65	1.012456	1.222293	1.377315	.9470215	.2309020	.3169371	.9440249	3.805120

Table B-77
Victoria 2007 CO Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	78.60780	83.67461	93.86086	76.68755	4.396039	4.881511	36.10833	150.0722
4	61.58882	65.87616	74.03141	70.06611	4.051446	4.498864	33.27791	119.6857
5	51.37743	55.19708	62.13374	64.15739	3.740667	4.153763	30.72522	97.75404
6	44.56984	48.07770	54.20195	58.87634	3.460019	3.842122	28.42002	81.57027
7	39.70727	42.99242	48.53640	54.14899	3.206256	3.560335	26.33566	69.38428
8	36.06034	39.17847	44.28722	49.91089	2.976518	3.305226	24.44862	60.03710
9	33.22385	36.21206	40.98232	46.10582	2.768274	3.073985	22.73814	52.74399
10	30.95465	33.83894	38.33839	42.68465	2.579290	2.864130	21.18586	46.96251
11	29.09803	31.89729	36.17518	39.60436	2.407584	2.673463	19.77550	42.31050
12	27.55085	30.27924	34.37250	36.82730	2.251404	2.500035	18.49266	38.51385
13	26.24170	28.91013	32.84716	34.32038	2.109190	2.342116	17.32454	35.37278
14	25.11957	27.73661	31.53972	32.05456	1.979559	2.198169	16.25977	32.73946
15	24.14705	26.71955	30.40661	30.00426	1.861279	2.066827	15.28824	30.50306
16	23.29610	25.82963	29.41514	28.14696	1.753255	1.946873	14.40094	28.57951
17	22.54527	25.04441	28.54031	26.46278	1.654508	1.837222	13.58986	26.90442
18	21.87786	24.34643	27.76268	24.93417	1.564168	1.736905	12.84781	25.42802
19	21.28070	23.72192	27.06691	23.54561	1.481454	1.645056	12.16842	24.11171
20	20.39252	22.83904	26.05867	22.28334	1.405670	1.560903	11.54594	22.92534
21	19.25949	21.66217	24.70175	21.13519	1.336192	1.483753	10.97526	21.84542
22	18.22948	20.59229	23.46818	20.09035	1.272462	1.412985	10.45179	20.85363
23	17.28902	19.61544	22.34188	19.13921	1.213980	1.348044	9.971428	19.93570
24	16.42694	18.71999	21.30944	18.27327	1.160295	1.288430	9.530468	19.08065
25	15.63383	17.89618	20.35959	17.48493	1.111004	1.233696	9.125601	18.28007
26	14.90172	17.13574	19.48281	16.76745	1.065745	1.183439	8.753851	17.52754
27	14.22385	16.43163	18.67097	16.11482	1.024192	1.137297	8.412542	16.81832
28	13.59439	15.77781	17.91713	15.52170	.9860522	1.094946	8.099268	16.14887
29	13.00835	15.16908	17.21527	14.98335	.9510620	1.056091	7.811865	15.51663
30	12.46137	14.60094	16.56020	14.49552	.9189845	1.020472	7.548386	14.91974
31	11.94969	14.06945	15.94740	14.05445	.8896065	.9878492	7.307081	14.35687
32	11.46998	13.57118	15.37289	13.65682	.8627364	.9580117	7.086374	13.82706
33	11.01935	13.10310	14.83321	13.29967	.8382022	.9307680	6.884853	13.32955
34	10.59522	12.66256	14.32527	12.98038	.8158489	.9059463	6.701248	12.86377
35	10.19533	12.24719	13.84635	12.69666	.7955385	.8833929	6.534422	12.42910
36	9.817658	11.85490	13.39405	12.44650	.7771468	.8629701	6.383356	12.02497
37	9.460400	11.48382	12.96619	12.22813	.7605633	.8445551	6.247140	11.65075
38	9.121943	11.13226	12.56085	12.04006	.7456894	.8280388	6.124969	11.30564
39	8.800846	10.79874	12.17629	11.88099	.7324384	.8133243	6.016128	10.98878
40	8.495803	10.48189	11.81097	11.74984	.7207334	.8003267	5.919985	10.69909
41	8.205638	10.18049	11.46346	11.64573	.7105073	.7889713	5.835989	10.43533
42	7.929292	9.893453	11.13250	11.56796	.7017023	.7791940	5.763666	10.19608
43	7.665799	9.619761	10.81694	11.51602	.6942688	.7709396	5.702609	9.979636
44	7.414283	9.358510	10.51572	11.48957	.6881655	.7641622	5.652476	9.784068
45	7.173945	9.108871	10.22789	11.48842	.6833583	.7588242	5.612991	9.607126
46	6.944057	8.870085	9.952570	11.51257	.6798208	.7548960	5.583935	9.446256
47	6.723951	8.641461	9.688969	11.56218	.6775337	.7523563	5.565150	9.298480
48	6.513017	8.422363	9.436350	11.63758	.6764843	.7511911	5.556530	9.160467
49	6.513017	8.422363	9.436350	11.73927	.6766670	.7513939	5.558030	9.160467
50	6.513017	8.422363	9.436350	11.86792	.6780827	.7529660	5.569659	9.160467
51	6.513017	8.422363	9.436350	12.02442	.6807393	.7559159	5.591479	9.160467
52	6.513017	8.422363	9.436350	12.20981	.6846510	.7602597	5.623610	9.160467
53	6.513017	8.422363	9.436350	12.42536	.6898397	.7660214	5.666229	9.160467
54	6.513017	8.422363	9.436350	12.67257	.6963339	.7732327	5.719570	9.160467
55	6.513017	8.422363	9.436350	12.95316	.7041696	.7819338	5.783932	9.160467
56	7.138333	9.188573	10.24892	13.26912	.7133907	.7921731	5.859674	11.36657
57	7.763651	9.954783	11.06150	13.62272	.7240492	.8040087	5.947220	13.57268
58	8.388968	10.72099	11.87407	14.01656	.7362056	.8175075	6.047070	15.77879
59	9.014286	11.48720	12.68664	14.45354	.7499296	.8327472	6.159797	17.98490
60	9.639604	12.25342	13.49922	14.93697	.7653010	.8498162	6.286056	20.19101
61	10.26492	13.01963	14.31179	15.47057	.7824103	.8688149	6.426587	22.39711
62	10.89024	13.78584	15.12436	16.05852	.8013593	.8898564	6.582232	24.60322
63	11.51555	14.55205	15.93694	16.70552	.8222622	.9130676	6.753925	26.80933
64	12.14087	15.31826	16.74951	17.41687	.8452474	.9385912	6.942721	29.01543
65	12.76619	16.08447	17.56208	18.19850	.8704578	.9665858	7.149796	31.22154

Table B-78
Victoria 2007 NOX Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	1.947317	2.252174	2.661645	3.306087	1.869573	2.105837	13.70809	.9264835
4	1.779905	2.058553	2.432822	3.340299	1.790832	2.017145	13.13074	.8861674
5	1.679458	1.942380	2.295527	3.374511	1.717844	1.934934	12.59558	.8527116
6	1.612492	1.864932	2.203998	3.408723	1.650173	1.858711	12.09940	.8255899
7	1.564661	1.809612	2.138620	3.442934	1.587420	1.788028	11.63929	.8042951
8	1.528786	1.768121	2.089586	3.477146	1.529224	1.722476	11.21258	.7883381
9	1.500884	1.735851	2.051449	3.511358	1.475254	1.661687	10.81686	.7772484
10	1.478563	1.710035	2.020939	3.545569	1.425211	1.605320	10.44994	.7705742
11	1.460299	1.688913	1.995977	3.579781	1.378823	1.553069	10.10981	.7678816
12	1.445080	1.671311	1.975175	3.613993	1.335840	1.504654	9.794647	.7687557
13	1.432203	1.656417	1.957573	3.648205	1.296036	1.459820	9.502795	.7727997
14	1.421164	1.643651	1.942486	3.682416	1.259205	1.418334	9.232742	.7796354
15	1.411598	1.632586	1.929410	3.716627	1.225158	1.379986	8.983109	.7889032
16	1.403227	1.622906	1.917969	3.750839	1.193727	1.344582	8.752645	.8002619
17	1.395842	1.614364	1.907874	3.785051	1.164754	1.311948	8.540215	.8133884
18	1.389276	1.606771	1.898900	3.819263	1.138100	1.281925	8.344780	.8279786
19	1.383402	1.599977	1.890871	3.853474	1.113636	1.254369	8.165401	.8437463
20	1.386598	1.590192	1.879104	3.887686	1.091246	1.229150	8.001235	.8604246
21	1.395571	1.592886	1.881758	3.921898	1.070826	1.206150	7.851511	.8777639
22	1.403727	1.595334	1.884170	3.956110	1.052281	1.185261	7.715536	.8955341
23	1.411174	1.597570	1.886373	3.990320	1.035527	1.166389	7.592690	.9135231
24	1.418001	1.599619	1.888392	4.024532	1.020487	1.149449	7.482418	.9315372
25	1.424282	1.601505	1.890250	4.058743	1.007095	1.134365	7.384225	.9494014
26	1.430079	1.603245	1.891964	4.092956	.9952915	1.121069	7.297677	.9669590
27	1.435447	1.604856	1.893552	4.127167	.9850235	1.109504	7.222391	.9840716
28	1.440432	1.606352	1.895026	4.161379	.9762469	1.099618	7.158040	1.000620
29	1.445072	1.607745	1.896399	4.195590	.9689234	1.091369	7.104342	1.016502
30	1.449404	1.609046	1.897679	4.229802	.9630213	1.084721	7.061067	1.031636
31	1.453456	1.610262	1.898878	4.264013	.9585153	1.079646	7.028028	1.045956
32	1.457254	1.611403	1.900002	4.298225	.9553860	1.076121	7.005083	1.059417
33	1.460823	1.612474	1.901057	4.332437	.9536202	1.074132	6.992136	1.071993
34	1.464181	1.613482	1.902050	4.366648	.9532103	1.073670	6.989130	1.083672
35	1.467348	1.614433	1.902987	4.400860	.9541544	1.074734	6.996053	1.094467
36	1.470339	1.615330	1.903872	4.435071	.9564568	1.077327	7.012934	1.104402
37	1.473168	1.616179	1.904708	4.469284	.9601269	1.081461	7.039844	1.113526
38	1.475848	1.616984	1.905501	4.503495	.9651809	1.087154	7.076900	1.121904
39	1.478390	1.617748	1.906253	4.537707	.9716402	1.094429	7.124261	1.129619
40	1.480806	1.618473	1.906968	4.571918	.9795326	1.103319	7.182131	1.136772
41	1.483104	1.619162	1.907647	4.606131	.9888924	1.113862	7.250758	1.143483
42	1.485292	1.619819	1.908294	4.640342	.9997603	1.126103	7.330444	1.149892
43	1.487379	1.620445	1.908911	4.674553	1.012184	1.140097	7.421535	1.156155
44	1.489371	1.621043	1.909500	4.708765	1.026218	1.155904	7.524437	1.162449
45	1.491274	1.621615	1.910063	4.742977	1.041925	1.173597	7.639606	1.168966
46	1.493094	1.622161	1.910602	4.777188	1.059376	1.193253	7.767560	1.175921
47	1.494837	1.622684	1.911117	4.811399	1.078650	1.214962	7.908879	1.183543
48	1.496508	1.623186	1.911611	4.845611	1.099835	1.238825	8.064213	1.192083
49	1.540451	1.684029	1.983017	4.879823	1.123030	1.264951	8.234282	1.230901
50	1.584394	1.744872	2.054423	4.914035	1.148343	1.293463	8.419884	1.269718
51	1.628337	1.805715	2.125829	4.948247	1.175896	1.324497	8.621904	1.308535
52	1.672280	1.866558	2.197234	4.982458	1.205821	1.358204	8.841318	1.347352
53	1.716223	1.927400	2.268640	5.016670	1.238264	1.394747	9.079201	1.386169
54	1.760166	1.988243	2.340046	5.050881	1.273387	1.434309	9.336730	1.424986
55	1.804109	2.049086	2.411452	5.085093	1.311367	1.477089	9.615210	1.463804
56	1.848052	2.109929	2.482858	5.119304	1.352399	1.523306	9.916063	1.502621
57	1.891995	2.170772	2.554263	5.153516	1.396697	1.573202	10.24087	1.541438
58	1.935938	2.231615	2.625669	5.187727	1.444496	1.627041	10.59133	1.580256
59	1.979881	2.292458	2.697075	5.221939	1.496053	1.685114	10.96936	1.619073
60	2.023824	2.353301	2.768481	5.256151	1.551652	1.747739	11.37703	1.657890
61	2.067768	2.414144	2.839886	5.290363	1.611605	1.815268	11.81661	1.696707
62	2.111711	2.474987	2.911292	5.324574	1.676252	1.888085	12.29062	1.735524
63	2.155653	2.535830	2.982698	5.358786	1.745970	1.966614	12.80180	1.774342
64	2.199597	2.596672	3.054104	5.392998	1.821172	2.051319	13.35320	1.813159
65	2.243540	2.657515	3.125509	5.427210	1.902313	2.142714	13.94814	1.851976

Table B-79
Victoria 2007 EXHS Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	5.695152	6.945289	8.053999	6.688456	1.093297	1.500665	4.469860	12.22684
4	4.450248	5.399358	6.263673	6.105518	1.037981	1.424738	4.243707	10.06767
5	3.703304	4.471799	5.189478	5.582647	.9863322	1.353844	4.032543	8.468485
6	3.205342	3.853426	4.473348	5.113034	.9380780	1.287611	3.835260	7.261430
7	2.849655	3.411732	3.961826	4.690705	.8929702	1.225695	3.650839	6.334590
8	2.582889	3.080461	3.578184	4.310410	.8507797	1.167784	3.478347	5.611723
9	2.375405	2.822806	3.279797	3.967527	.8112962	1.113589	3.316921	5.039826
10	2.209418	2.616682	3.041087	3.657987	.7743261	1.062844	3.165773	4.581351
11	2.073610	2.448035	2.845778	3.378200	.7396915	1.015304	3.024171	4.209223
12	1.960437	2.307496	2.683022	3.124996	.7072281	.9707447	2.891447	3.903597
13	1.864675	2.188578	2.545304	2.895573	.6767847	.9289580	2.766982	3.649700
14	1.782593	2.086648	2.427261	2.687450	.6482220	.8897527	2.650205	3.436382
15	1.711456	1.998310	2.324957	2.498431	.6214113	.8529522	2.540592	3.255116
16	1.649210	1.921013	2.235440	2.326565	.5962340	.8183937	2.437656	3.099312
17	1.594288	1.852810	2.156456	2.170121	.5725805	.7859267	2.340951	2.963827
18	1.545468	1.792186	2.086246	2.027560	.5503494	.7554122	2.250060	2.844615
19	1.501787	1.737942	2.023428	1.897511	.5294471	.7267216	2.164603	2.738478
20	1.441697	1.671791	1.946034	1.778754	.5097871	.6997364	2.084225	2.642884
21	1.376623	1.603545	1.866225	1.670199	.4912893	.6743462	2.008598	2.555822
22	1.317465	1.541504	1.793671	1.570875	.4738796	.6504494	1.937420	2.475706
23	1.263451	1.484857	1.727427	1.479912	.4574892	.6279519	1.870409	2.401291
24	1.213938	1.432931	1.666702	1.396533	.4420545	.6067662	1.807306	2.331612
25	1.168386	1.385159	1.610836	1.320041	.4275166	.5868114	1.747869	2.265925
26	1.126338	1.341061	1.559267	1.249812	.4138209	.5680125	1.691875	2.203683
27	1.087405	1.300230	1.511518	1.185285	.4009165	.5503000	1.639116	2.144487
28	1.051253	1.262316	1.467179	1.125956	.3887565	.5336090	1.589401	2.088060
29	1.017593	1.227016	1.425899	1.071375	.3772972	.5178800	1.542550	2.034224
30	.9861784	1.194070	1.387370	1.021133	.3664981	.5030570	1.498399	1.982876
31	.9567901	1.163249	1.351327	.9748642	.3563214	.4890885	1.456793	1.933980
32	.9292386	1.134355	1.317537	.9322380	.3467324	.4759266	1.417589	1.887532
33	.9033567	1.107212	1.285795	.8929567	.3376984	.4635265	1.380654	1.843562
34	.8789975	1.081665	1.255919	.8567517	.3291894	.4518470	1.345865	1.802118
35	.8560301	1.057578	1.227752	.8233803	.3211773	.4408495	1.313108	1.763254
36	.8343388	1.034830	1.201149	.7926233	.3136361	.4304984	1.282277	1.727024
37	.8138198	1.013311	1.175984	.7642830	.3065415	.4207604	1.253271	1.693471
38	.7943810	.9929245	1.152143	.7381803	.2998712	.4116047	1.226000	1.662636
39	.7759389	.9735837	1.129525	.7141536	.2936044	.4030028	1.200379	1.634528
40	.7584188	.9552097	1.108038	.6920569	.2877216	.3949281	1.176327	1.609139
41	.7417535	.9377322	1.087599	.6717579	.2822049	.3873558	1.153773	1.586434
42	.7258818	.9210868	1.068133	.6531378	.2770376	.3802632	1.132647	1.566341
43	.7107483	.9052157	1.049573	.6360888	.2722044	.3736291	1.112887	1.548760
44	.6963027	.8900659	1.031856	.6205139	.2676910	.3674340	1.094434	1.533535
45	.6824990	.8755897	1.014927	.6063261	.2634842	.3616596	1.077235	1.520475
46	.6692957	.8617426	.9987339	.5934472	.2595718	.3562895	1.061239	1.509326
47	.6566540	.8484849	.9832298	.5818066	.2559426	.3513080	1.046402	1.499772
48	.6445391	.8357795	.9683717	.5713421	.2525864	.3467013	1.032680	1.491435
49	.6445391	.8357795	.9683717	.5619979	.2494936	.3424562	1.020035	1.491435
50	.6445391	.8357795	.9683717	.5537249	.2466556	.3385608	1.008433	1.491435
51	.6445391	.8357795	.9683717	.5464802	.2440647	.3350043	.9978395	1.491435
52	.6445391	.8357795	.9683717	.5402263	.2417135	.3317772	.9882271	1.491435
53	.6445391	.8357795	.9683717	.5349312	.2395958	.3288703	.9795687	1.491435
54	.6445391	.8357795	.9683717	.5305680	.2377057	.3262760	.9718413	1.491435
55	.6445391	.8357795	.9683717	.5271146	.2360381	.3239871	.9650235	1.491435
56	.6681984	.8609211	.9963555	.5245538	.2345886	.3219974	.9590972	1.597848
57	.6918578	.8860629	1.024339	.5228727	.2333532	.3203018	.9540464	1.704261
58	.7155170	.9112046	1.052323	.5220629	.2323287	.3188955	.9498579	1.810674
59	.7391764	.9363462	1.080307	.5221202	.2315123	.3177750	.9465203	1.917087
60	.7628356	.9614880	1.108291	.5230452	.2309020	.3169371	.9440249	2.023499
61	.7864950	.9866297	1.136275	.5248425	.2304959	.3163798	.9423648	2.129913
62	.8101542	1.011771	1.164259	.5275207	.2302932	.3161016	.9415358	2.236325
63	.8338135	1.036913	1.192243	.5310935	.2302932	.3161016	.9415358	2.342739
64	.8574728	1.062055	1.220227	.5355788	.2304959	.3163798	.9423648	2.449151
65	.8811322	1.087196	1.248211	.5409994	.2309020	.3169371	.9440249	2.555564

Table B-80
Victoria 2007 RNLS Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	2.673031	2.893353	3.213231	3.835965	.0000000	.0000000	.0000000	.0000000
4	1.552411	1.691719	1.871171	2.209265	.0000000	.0000000	.0000000	.0000000
5	1.024790	1.123788	1.238331	1.446906	.0000000	.0000000	.0000000	.0000000
6	.7333577	.8089398	.8882700	1.027694	.0000000	.0000000	.0000000	.0000000
7	.5547339	.6152844	.6734110	.7718629	.0000000	.0000000	.0000000	.0000000
8	.4868739	.5400506	.5901258	.6746461	.0000000	.0000000	.0000000	.0000000
9	.4383596	.4853343	.5298060	.6055770	.0000000	.0000000	.0000000	.0000000
10	.3983406	.4396005	.4796042	.5490475	.0000000	.0000000	.0000000	.0000000
11	.3645002	.4003994	.4367608	.5016378	.0000000	.0000000	.0000000	.0000000
12	.3352937	.3660979	.3994362	.4610677	.0000000	.0000000	.0000000	.0000000
13	.3096517	.3355653	.3663568	.4257592	.0000000	.0000000	.0000000	.0000000
14	.2868105	.3079940	.3366132	.3945846	.0000000	.0000000	.0000000	.0000000
15	.2662099	.2827917	.3095380	.3667172	.0000000	.0000000	.0000000	.0000000
16	.2474297	.2595143	.2846309	.3415370	.0000000	.0000000	.0000000	.0000000
17	.2301487	.2378220	.2615094	.3185696	.0000000	.0000000	.0000000	.0000000
18	.2141172	.2174508	.2398758	.2974464	.0000000	.0000000	.0000000	.0000000
19	.1991377	.1981919	.2194952	.2778760	.0000000	.0000000	.0000000	.0000000
20	.1870412	.1835494	.2038230	.2617244	.0000000	.0000000	.0000000	.0000000
21	.1786944	.1752236	.1945287	.2498522	.0000000	.0000000	.0000000	.0000000
22	.1710097	.1675978	.1860229	.2389572	.0000000	.0000000	.0000000	.0000000
23	.1639006	.1605807	.1782026	.2289119	.0000000	.0000000	.0000000	.0000000
24	.1572952	.1540961	.1709823	.2196101	.0000000	.0000000	.0000000	.0000000
25	.1511330	.1480802	.1642898	.2109625	.0000000	.0000000	.0000000	.0000000
26	.1453629	.1424788	.1580643	.2028936	.0000000	.0000000	.0000000	.0000000
27	.1399414	.1372460	.1522539	.1953393	.0000000	.0000000	.0000000	.0000000
28	.1348311	.1323422	.1468142	.1882443	.0000000	.0000000	.0000000	.0000000
29	.1299998	.1277335	.1417067	.1815611	.0000000	.0000000	.0000000	.0000000
30	.1254196	.1233902	.1368983	.1752485	.0000000	.0000000	.0000000	.0000000
31	.1210662	.1192867	.1323600	.1692707	.0000000	.0000000	.0000000	.0000000
32	.1169183	.1154006	.1280665	.1635963	.0000000	.0000000	.0000000	.0000000
33	.1129573	.1117120	.1239956	.1581977	.0000000	.0000000	.0000000	.0000000
34	.1091667	.1082036	.1201276	.1530506	.0000000	.0000000	.0000000	.0000000
35	.1055318	.1048599	.1164450	.1481334	.0000000	.0000000	.0000000	.0000000
36	.1020397	.1016671	.1129325	.1434269	.0000000	.0000000	.0000000	.0000000
37	.0986788	.0986131	.1095763	.1389141	.0000000	.0000000	.0000000	.0000000
38	.0954388	.0956868	.1063640	.1345797	.0000000	.0000000	.0000000	.0000000
39	.0923103	.0928785	.1032846	.1304100	.0000000	.0000000	.0000000	.0000000
40	.0892850	.0901793	.1003281	.1263925	.0000000	.0000000	.0000000	.0000000
41	.0863554	.0875812	.0974855	.1225163	.0000000	.0000000	.0000000	.0000000
42	.0835145	.0850770	.0947486	.1187710	.0000000	.0000000	.0000000	.0000000
43	.0807563	.0826602	.0921101	.1151478	.0000000	.0000000	.0000000	.0000000
44	.0780751	.0803247	.0895633	.1116381	.0000000	.0000000	.0000000	.0000000
45	.0754657	.0780652	.0871021	.1082345	.0000000	.0000000	.0000000	.0000000
46	.0729234	.0758768	.0847209	.1049301	.0000000	.0000000	.0000000	.0000000
47	.0704440	.0737548	.0824145	.1017184	.0000000	.0000000	.0000000	.0000000
48	.0679881	.0716082	.0800733	.0985005	.0000000	.0000000	.0000000	.0000000
49	.0653294	.0688028	.0769252	.0946139	.0000000	.0000000	.0000000	.0000000
50	.0628269	.0661622	.0739624	.0909564	.0000000	.0000000	.0000000	.0000000
51	.0604685	.0636738	.0711705	.0875102	.0000000	.0000000	.0000000	.0000000
52	.0582433	.0613261	.0685366	.0842593	.0000000	.0000000	.0000000	.0000000
53	.0561414	.0591085	.0660490	.0811891	.0000000	.0000000	.0000000	.0000000
54	.0541538	.0570116	.0636969	.0782864	.0000000	.0000000	.0000000	.0000000
55	.0522723	.0550268	.0614706	.0755392	.0000000	.0000000	.0000000	.0000000
56	.0504895	.0531461	.0593613	.0729366	.0000000	.0000000	.0000000	.0000000
57	.0487985	.0513623	.0573609	.0704685	.0000000	.0000000	.0000000	.0000000
58	.0471932	.0496690	.0554620	.0681258	.0000000	.0000000	.0000000	.0000000
59	.0456676	.0480599	.0536578	.0659000	.0000000	.0000000	.0000000	.0000000
60	.0442168	.0465296	.0519420	.0637836	.0000000	.0000000	.0000000	.0000000
61	.0428357	.0450730	.0503090	.0617694	.0000000	.0000000	.0000000	.0000000
62	.0415200	.0436854	.0487535	.0598509	.0000000	.0000000	.0000000	.0000000
63	.0402656	.0423625	.0472705	.0580222	.0000000	.0000000	.0000000	.0000000
64	.0390688	.0411003	.0458558	.0562776	.0000000	.0000000	.0000000	.0000000
65	.0379259	.0398952	.0445051	.0546121	.0000000	.0000000	.0000000	.0000000

Table B-81
Victoria 2007 RSTL, CC, and HTSK Emission Rates for Time Period 1

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0238698	.0250981	.0201216	.0322912	.0000000	.0000000	.0000000	.4460661
--	.0079919	.0090007	.0094034	.0106752	.0000000	.0000000	.0000000	.0000000
--	.0615368	.0611023	.0550747	.3084438	.0000000	.0000000	.0000000	.8034901

Table B-82
Victoria 2007 VOC Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	12.03339	13.19112	15.07281	17.16061	1.093297	1.500665	4.469860	16.02209
4	8.213996	9.029750	10.31587	12.63841	1.037981	1.424738	4.243707	13.90491
5	6.251681	6.883490	7.860964	10.25267	.9863322	1.353844	4.032543	12.33683
6	5.080692	5.598720	6.390717	8.747364	.9380780	1.287611	3.835260	11.15325
7	4.311482	4.752572	5.422022	7.684906	.8929702	1.225695	3.650839	10.24444
8	3.887382	4.269014	4.866399	7.048725	.8507797	1.167784	3.478347	9.535629
9	3.566290	3.903795	4.446767	6.519175	.8112962	1.113589	3.316921	8.974855
10	3.305552	3.610063	4.109516	6.054490	.7743261	1.062844	3.165773	8.525297
11	3.088707	3.368322	3.832181	5.642754	.7396915	1.015304	3.024171	8.160406
12	2.904782	3.165575	3.599781	5.275208	.7072281	.9707447	2.891447	7.860724
13	2.746181	2.992823	3.401946	4.945153	.6767847	.9289580	2.766982	7.611765
14	2.607475	2.843638	3.231270	4.647295	.6482220	.8897527	2.650205	7.402595
15	2.484688	2.713307	3.082322	4.377362	.6214113	.8529522	2.540592	7.224853
16	2.374835	2.598295	2.951027	4.131830	.5962340	.8183937	2.437656	7.072081
17	2.275631	2.495898	2.834270	3.907752	.5725805	.7859267	2.340951	6.939231
18	2.185303	2.404015	2.729628	3.702633	.5503494	.7554122	2.250060	6.822338
19	2.102449	2.320984	2.635188	3.514342	.5294471	.7267216	2.164603	6.718265
20	2.012151	2.231076	2.531508	3.348162	.5097871	.6997364	2.084225	6.624529
21	1.928785	2.145005	2.431581	3.206059	.4912893	.6743462	2.008598	6.539162
22	1.852774	2.066667	2.340647	3.075969	.4738796	.6504494	1.937420	6.460604
23	1.783159	1.995052	2.257531	2.956676	.4574892	.6279519	1.870409	6.387635
24	1.719140	1.929320	2.181258	2.847112	.4420545	.6067662	1.807306	6.319311
25	1.660046	1.868765	2.111006	2.746331	.4275166	.5868114	1.747869	6.254903
26	1.605308	1.812789	2.046079	2.653502	.4138209	.5680125	1.691875	6.193871
27	1.554443	1.760885	1.985887	2.567880	.4009165	.5503000	1.639116	6.135826
28	1.507035	1.712615	1.929923	2.488808	.3887565	.5336090	1.589401	6.080496
29	1.462727	1.667604	1.877748	2.415698	.3772972	.5178800	1.542550	6.027708
30	1.421208	1.625525	1.828984	2.348023	.3664981	.5030570	1.498399	5.977358
31	1.382210	1.586096	1.783301	2.285314	.3563214	.4890885	1.456793	5.929413
32	1.345495	1.549067	1.740409	2.227151	.3467324	.4759266	1.417589	5.883868
33	1.310856	1.514221	1.700057	2.173154	.3376984	.4635265	1.380654	5.840753
34	1.278110	1.481364	1.662018	2.122984	.3291894	.4518470	1.345865	5.800116
35	1.247094	1.450327	1.626095	2.076334	.3211773	.4408495	1.313108	5.762007
36	1.217665	1.420957	1.592112	2.032930	.3136361	.4304984	1.282277	5.726482
37	1.189694	1.393120	1.559911	1.992523	.3065415	.4207604	1.253271	5.693582
38	1.163065	1.366695	1.529351	1.954888	.2998712	.4116047	1.226000	5.663346
39	1.137676	1.341572	1.500307	1.919824	.2936044	.4030028	1.200379	5.635785
40	1.113433	1.317655	1.472664	1.887148	.2877216	.3949281	1.176327	5.610891
41	1.090253	1.294854	1.446320	1.856694	.2822049	.3873558	1.153773	5.588626
42	1.068059	1.273090	1.421183	1.828314	.2770376	.3802632	1.132647	5.568924
43	1.046783	1.252292	1.397168	1.801873	.2722044	.3736291	1.112887	5.551685
44	1.026363	1.232392	1.374198	1.777250	.2676910	.3674340	1.094434	5.536756
45	1.006740	1.213332	1.352205	1.754334	.2634842	.3616596	1.077235	5.523950
46	.9878639	1.195056	1.331123	1.733028	.2595718	.3562895	1.061239	5.513019
47	.9696861	1.177515	1.310896	1.713242	.2559426	.3513080	1.046402	5.503650
48	.9520964	1.160431	1.291194	1.694679	.2525864	.3467013	1.032680	5.495475
49	.9461459	1.154104	1.284003	1.675727	.2494936	.3424562	1.020035	5.495475
50	.9405468	1.148151	1.277238	1.658440	.2466556	.3385608	1.008433	5.495475
51	.9352717	1.142543	1.270865	1.642731	.2440647	.3350043	.9978395	5.495475
52	.9302964	1.137253	1.264855	1.628523	.2417135	.3317772	.9882271	5.495475
53	.9255981	1.132258	1.259179	1.615748	.2395958	.3288703	.9795687	5.495475
54	.9211569	1.127537	1.253815	1.604346	.2377057	.3262760	.9718413	5.495475
55	.9169542	1.123069	1.248739	1.594266	.2360381	.3239871	.9650235	5.495475
56	.9363636	1.143696	1.271582	1.585464	.2345886	.3219974	.9590972	5.599819
57	.9559793	1.164543	1.294674	1.577902	.2333532	.3203018	.9540464	5.704162
58	.9757873	1.185595	1.317999	1.571550	.2323287	.3188955	.9498579	5.808505
59	.9957747	1.206836	1.341542	1.566385	.2315123	.3177750	.9465203	5.912848
60	1.015929	1.228257	1.365286	1.562387	.2309020	.3169371	.9440249	6.017192
61	1.036241	1.249844	1.389220	1.559545	.2304959	.3163798	.9423648	6.121536
62	1.056700	1.271587	1.413332	1.557854	.2302932	.3161016	.9415358	6.225878
63	1.077295	1.293476	1.437609	1.557312	.2302932	.3161016	.9415358	6.330222
64	1.098020	1.315502	1.462043	1.557927	.2304959	.3163798	.9423648	6.434565
65	1.118866	1.337657	1.486623	1.559709	.2309020	.3169371	.9440249	6.538908

Table B-83
Victoria 2007 CO Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	77.76016	82.73688	92.74347	87.28339	4.396039	4.881511	36.10833	198.7290
4	60.92467	65.13080	73.14665	79.74708	4.051446	4.498864	33.27791	158.4905
5	50.82337	54.56715	61.38856	73.02196	3.740667	4.153763	30.72522	129.4481
6	44.08917	47.52472	53.54983	67.01122	3.460019	3.842122	28.42002	108.0172
7	39.27902	42.49442	47.95074	61.63071	3.206256	3.560335	26.33566	91.88026
8	35.67142	38.72168	43.75142	56.80703	2.976518	3.305226	24.44862	79.50249
9	32.86551	35.78734	40.48528	52.47622	2.768274	3.073985	22.73814	69.84480
10	30.62077	33.43986	37.87238	48.58234	2.579290	2.864130	21.18586	62.18884
11	28.78417	31.51920	35.73454	45.07646	2.407584	2.673463	19.77550	56.02852
12	27.25367	29.91865	33.95301	41.91570	2.251404	2.500035	18.49266	51.00092
13	25.95863	28.56434	32.44556	39.06239	2.109190	2.342116	17.32454	46.84144
14	24.84860	27.40350	31.15347	36.48351	1.979559	2.198169	16.25977	43.35434
15	23.88657	26.39744	30.03365	34.14992	1.861279	2.066827	15.28824	40.39285
16	23.04480	25.51713	29.05380	32.03600	1.753255	1.946873	14.40094	37.84565
17	22.30205	24.74039	28.18924	30.11912	1.654508	1.837222	13.58986	35.62745
18	21.64184	24.04996	27.42074	28.37931	1.564168	1.736905	12.84781	33.67236
19	21.05112	23.43220	26.73313	26.79889	1.481454	1.645056	12.16842	31.92927
20	20.17251	22.56036	25.73741	25.36221	1.405670	1.560903	11.54594	30.35826
21	19.05172	21.39868	24.39763	24.05542	1.336192	1.483753	10.97526	28.92820
22	18.03282	20.34260	23.17964	22.86621	1.272462	1.412985	10.45179	27.61485
23	17.10251	19.37835	22.06756	21.78366	1.213980	1.348044	9.971428	26.39931
24	16.24973	18.49446	21.04816	20.79807	1.160295	1.288430	9.530468	25.26703
25	15.46518	17.68127	20.11030	19.90081	1.111004	1.233696	9.125601	24.20688
26	14.74097	16.93064	19.24460	19.08419	1.065745	1.183439	8.753851	23.21037
27	14.07041	16.23562	18.44302	18.34139	1.024192	1.137297	8.412542	22.27120
28	13.44775	15.59024	17.69869	17.66632	.9860522	1.094946	8.099268	21.38471
29	12.86803	14.98936	17.00570	17.05358	.9510620	1.056091	7.811865	20.54748
30	12.32696	14.42855	16.35890	16.49835	.9189845	1.020472	7.548386	19.75706
31	11.82079	13.90392	15.75383	15.99634	.8896065	.9878492	7.307081	19.01169
32	11.34626	13.41207	15.18659	15.54377	.8627364	.9580117	7.086374	18.31010
33	10.90049	12.95004	14.65372	15.13727	.8382022	.9307680	6.884853	17.65130
34	10.48095	12.51518	14.15219	14.77388	.8158489	.9059463	6.701248	17.03450
35	10.08537	12.10517	13.67933	14.45095	.7955385	.8833929	6.534422	16.45890
36	9.711773	11.71794	13.23273	14.16622	.7771468	.8629701	6.383356	15.92375
37	9.358370	11.35164	12.81027	13.91769	.7605633	.8445551	6.247140	15.42819
38	9.023567	11.00462	12.41005	13.70362	.7456894	.8280388	6.124969	14.97118
39	8.705933	10.67540	12.03036	13.52257	.7324384	.8133243	6.016128	14.55159
40	8.404181	10.36264	11.66964	13.37330	.7207334	.8003267	5.919985	14.16799
41	8.117147	10.06514	11.32653	13.25481	.7105073	.7889713	5.835989	13.81870
42	7.843783	9.781796	10.99975	13.16630	.7017023	.7791940	5.763666	13.50188
43	7.583134	9.511635	10.68817	13.10718	.6942688	.7709396	5.702609	13.21526
44	7.334332	9.253756	10.39075	13.07707	.6881655	.7641622	5.652476	12.95629
45	7.096588	9.007338	10.10656	13.07576	.6833583	.7588242	5.612991	12.72198
46	6.869180	8.771631	9.834717	13.10325	.6798208	.7548960	5.583935	12.50895
47	6.651450	8.545958	9.574444	13.15971	.6775337	.7523563	5.565150	12.31326
48	6.442791	8.329685	9.325014	13.24553	.6764843	.7511911	5.556530	12.13050
49	6.442791	8.329685	9.325014	13.36127	.6766670	.7513939	5.558030	12.13050
50	6.442791	8.329685	9.325014	13.50771	.6780827	.7529660	5.569659	12.13050
51	6.442791	8.329685	9.325014	13.68582	.6807393	.7559159	5.591479	12.13050
52	6.442791	8.329685	9.325014	13.89682	.6846510	.7602597	5.623610	12.13050
53	6.442791	8.329685	9.325014	14.14216	.6898397	.7660214	5.666229	12.13050
54	6.442791	8.329685	9.325014	14.42352	.6963339	.7732327	5.719570	12.13050
55	6.442791	8.329685	9.325014	14.74288	.7041696	.7819338	5.783932	12.13050
56	7.061374	9.089960	10.12921	15.10250	.7133907	.7921731	5.859674	15.05188
57	7.679956	9.850234	10.93340	15.50497	.7240492	.8040087	5.947220	17.97325
58	8.298538	10.61051	11.73759	15.95322	.7362056	.8175075	6.047070	20.89463
59	8.917120	11.37078	12.54178	16.45057	.7499296	.8327472	6.159797	23.81601
60	9.535701	12.13106	13.34597	17.00080	.7653010	.8498162	6.286056	26.73739
61	10.15428	12.89133	14.15016	17.60812	.7824103	.8688149	6.426587	29.65877
62	10.77287	13.65160	14.95435	18.27731	.8013593	.8898564	6.582232	32.58014
63	11.39145	14.41188	15.75854	19.01371	.8222622	.9130676	6.753925	35.50152
64	12.01003	15.17215	16.56273	19.82335	.8452474	.9385912	6.942721	38.42290
65	12.62861	15.93243	17.36692	20.71297	.8704578	.9665858	7.149796	41.34428

Table B-84
Victoria 2007 NOX Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	1.953144	2.259007	2.669307	3.465491	1.869573	2.105837	13.70809	.8022444
4	1.785231	2.064799	2.439825	3.501352	1.790832	2.017145	13.13074	.7673347
5	1.684483	1.948274	2.302136	3.537213	1.717844	1.934934	12.59558	.7383652
6	1.617318	1.870590	2.210343	3.573074	1.650173	1.858711	12.09940	.7148805
7	1.569342	1.815102	2.144776	3.608935	1.587420	1.788028	11.63929	.6964412
8	1.533361	1.773486	2.095602	3.644796	1.529224	1.722476	11.21258	.6826239
9	1.505375	1.741118	2.057354	3.680658	1.475254	1.661687	10.81686	.6730214
10	1.482987	1.715224	2.026757	3.716518	1.425211	1.605320	10.44994	.6672422
11	1.464669	1.694037	2.001723	3.752380	1.378823	1.553069	10.10981	.6649106
12	1.449404	1.676382	1.980860	3.788241	1.335840	1.504654	9.794647	.6656674
13	1.436488	1.661443	1.963208	3.824102	1.296036	1.459820	9.502795	.6691692
14	1.425417	1.648638	1.948077	3.859963	1.259205	1.418334	9.232742	.6750883
15	1.415822	1.637540	1.934964	3.895824	1.225158	1.379986	8.983109	.6831134
16	1.407426	1.627830	1.923490	3.931685	1.193727	1.344582	8.752645	.6929488
17	1.400018	1.619262	1.913366	3.967547	1.164754	1.311948	8.540215	.7043152
18	1.393433	1.611646	1.904366	4.003408	1.138100	1.281925	8.344780	.7169487
19	1.387542	1.604831	1.896314	4.039269	1.113636	1.254369	8.165401	.7306021
20	1.390748	1.595022	1.884516	4.075130	1.091246	1.229150	8.001235	.7450438
21	1.399746	1.597732	1.887181	4.110991	1.070826	1.206150	7.851511	.7600581
22	1.407927	1.600196	1.889603	4.146852	1.052281	1.185261	7.715536	.7754453
23	1.415396	1.602446	1.891815	4.182714	1.035527	1.166389	7.592690	.7910219
24	1.422243	1.604508	1.893842	4.218575	1.020487	1.149449	7.482418	.8066205
25	1.428542	1.606405	1.895707	4.254436	1.007095	1.134365	7.384225	.8220892
26	1.434356	1.608156	1.897429	4.290297	.9952915	1.121069	7.297677	.8372923
27	1.439740	1.609777	1.899023	4.326158	.9850235	1.109504	7.222391	.8521102
28	1.444739	1.611283	1.900504	4.362020	.9762469	1.099618	7.158040	.8664392
29	1.449394	1.612685	1.901882	4.397881	.9689234	1.091369	7.104342	.8801917
30	1.453738	1.613993	1.903168	4.433742	.9630213	1.084721	7.061067	.8932959
31	1.457802	1.615217	1.904372	4.469602	.9585153	1.079646	7.028028	.9056959
32	1.461612	1.616364	1.905500	4.505464	.9553860	1.076121	7.005083	.9173524
33	1.465191	1.617442	1.906560	4.541324	.9536202	1.074132	6.992136	.9282412
34	1.468559	1.618457	1.907557	4.577186	.9532103	1.073670	6.989130	.9383547
35	1.471735	1.619413	1.908497	4.613047	.9541544	1.074734	6.996053	.9477014
36	1.474735	1.620317	1.909386	4.648909	.9564568	1.077327	7.012934	.9563050
37	1.477572	1.621171	1.910226	4.684769	.9601269	1.081461	7.039844	.9642054
38	1.480260	1.621981	1.911022	4.720631	.9651809	1.087154	7.076900	.9714597
39	1.482810	1.622749	1.911777	4.756491	.9716402	1.094429	7.124261	.9781398
40	1.485233	1.623479	1.912494	4.792353	.9795326	1.103319	7.182131	.9843335
41	1.487538	1.624172	1.913177	4.828214	.9888924	1.113862	7.250758	.9901446
42	1.489733	1.624833	1.913827	4.864075	.9997603	1.126103	7.330444	.9956941
43	1.491825	1.625464	1.914446	4.899936	1.012184	1.140097	7.421535	1.001118
44	1.493823	1.626065	1.915038	4.935798	1.026218	1.155904	7.524437	1.006568
45	1.495732	1.626640	1.915603	4.971659	1.041925	1.173597	7.639606	1.012211
46	1.497558	1.627190	1.916144	5.007520	1.059376	1.193253	7.767560	1.018233
47	1.499306	1.627717	1.916661	5.043380	1.078650	1.214962	7.908879	1.024833
48	1.500981	1.628221	1.917157	5.079242	1.099835	1.238825	8.064213	1.032228
49	1.545054	1.689258	1.988773	5.115103	1.123030	1.264951	8.234282	1.065840
50	1.589128	1.750295	2.060388	5.150964	1.148343	1.293463	8.419884	1.099452
51	1.633201	1.811332	2.132003	5.186825	1.175896	1.324497	8.621904	1.133064
52	1.677274	1.872369	2.203618	5.222686	1.205821	1.358204	8.841318	1.166676
53	1.721347	1.933406	2.275234	5.258548	1.238264	1.394747	9.079201	1.200288
54	1.765420	1.994442	2.346849	5.294409	1.273387	1.434309	9.336730	1.233900
55	1.809494	2.055479	2.418464	5.330269	1.311367	1.477089	9.615210	1.267512
56	1.853567	2.116516	2.490079	5.366131	1.352399	1.523306	9.916063	1.301124
57	1.897641	2.177553	2.561694	5.401993	1.396697	1.573202	10.24087	1.334735
58	1.941714	2.238590	2.633310	5.437853	1.444496	1.627041	10.59133	1.368347
59	1.985787	2.299627	2.704925	5.473714	1.496053	1.685114	10.96936	1.401959
60	2.029860	2.360664	2.776540	5.509576	1.551652	1.747739	11.37703	1.435571
61	2.073934	2.421701	2.848155	5.545437	1.611605	1.815268	11.81661	1.469183
62	2.118007	2.482738	2.919770	5.581298	1.676252	1.888085	12.29062	1.502795
63	2.162080	2.543774	2.991385	5.617159	1.745970	1.966614	12.80180	1.536407
64	2.206153	2.604811	3.063001	5.653021	1.821172	2.051319	13.35320	1.570019
65	2.250227	2.665848	3.134616	5.688881	1.902313	2.142714	13.94814	1.603631

Table B-85
Victoria 2007 EXHS Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	5.630583	6.861916	7.955756	7.017225	1.093297	1.500665	4.469860	11.98905
4	4.399799	5.334506	6.187252	6.405633	1.037981	1.424738	4.243707	9.871864
5	3.661329	4.418060	5.126150	5.857061	.9863322	1.353844	4.032543	8.303784
6	3.169015	3.807096	4.418748	5.364364	.9380780	1.287611	3.835260	7.120204
7	2.817363	3.370694	3.913461	4.921275	.8929702	1.225695	3.650839	6.211390
8	2.553623	3.043392	3.534496	4.522286	.8507797	1.167784	3.478347	5.502582
9	2.348492	2.788824	3.239746	4.162550	.8112962	1.113589	3.316921	4.941808
10	2.184388	2.585169	3.003945	3.837795	.7743261	1.062844	3.165773	4.492250
11	2.050120	2.418542	2.811018	3.544255	.7396915	1.015304	3.024171	4.127359
12	1.938231	2.279687	2.650244	3.278604	.7072281	.9707447	2.891447	3.827677
13	1.843556	2.162194	2.514205	3.037904	.6767847	.9289580	2.766982	3.578718
14	1.762405	2.061486	2.397601	2.819552	.6482220	.8897527	2.650205	3.369548
15	1.692074	1.974205	2.296544	2.621241	.6214113	.8529522	2.540592	3.191807
16	1.630535	1.897835	2.208119	2.440927	.5962340	.8183937	2.437656	3.039034
17	1.576236	1.830449	2.130096	2.276793	.5725805	.7859267	2.340951	2.906184
18	1.527970	1.770550	2.060743	2.127224	.5503494	.7554122	2.250060	2.789291
19	1.484784	1.716957	1.998690	1.990782	.5294471	.7267216	2.164603	2.685218
20	1.425375	1.651616	1.922247	1.866188	.5097871	.6997364	2.084225	2.591483
21	1.361037	1.584200	1.843417	1.752298	.4912893	.6743462	2.008598	2.506115
22	1.302547	1.522913	1.771752	1.648091	.4738796	.6504494	1.937420	2.427557
23	1.249144	1.466955	1.706319	1.552657	.4574892	.6279519	1.870409	2.354589
24	1.200191	1.415661	1.646339	1.465179	.4420545	.6067662	1.807306	2.286264
25	1.155155	1.368469	1.591158	1.384928	.4275166	.5868114	1.747869	2.221856
26	1.113582	1.324908	1.540221	1.311246	.4138209	.5680125	1.691875	2.160825
27	1.075090	1.284574	1.493057	1.243547	.4009165	.5503000	1.639116	2.102780
28	1.039346	1.247121	1.449262	1.181303	.3887565	.5336090	1.589401	2.047449
29	1.006068	1.212250	1.408488	1.124038	.3772972	.5178800	1.542550	1.994660
30	.9750079	1.179705	1.370431	1.071326	.3664981	.5030570	1.498399	1.944312
31	.9459521	1.149259	1.334831	1.022784	.3563214	.4890885	1.456793	1.896367
32	.9187121	1.120716	1.301455	.9780619	.3467324	.4759266	1.417589	1.850822
33	.8931232	1.093903	1.270101	.9368498	.3376984	.4635265	1.380654	1.807707
34	.8690394	1.068667	1.240592	.8988652	.3291894	.4518470	1.345865	1.767069
35	.8463317	1.044873	1.212770	.8638533	.3211773	.4408495	1.313108	1.728960
36	.8248858	1.022401	1.186493	.8315846	.3136361	.4304984	1.282277	1.693435
37	.8045990	1.001144	1.161637	.8018511	.3065415	.4207604	1.253271	1.660536
38	.7853799	.9810054	1.138088	.7744654	.2998712	.4116047	1.226000	1.630300
39	.7671465	.9618998	1.115747	.7492577	.2936044	.4030028	1.200379	1.602738
40	.7498245	.9437493	1.094524	.7260747	.2877216	.3949281	1.176327	1.577844
41	.7333478	.9264842	1.074335	.7047781	.2822049	.3873558	1.153773	1.555580
42	.7176557	.9100413	1.055108	.6852426	.2770376	.3802632	1.132647	1.535877
43	.7026933	.8943632	1.036775	.6673555	.2722044	.3736291	1.112887	1.518638
44	.6884110	.8793977	1.019276	.6510152	.2676910	.3674340	1.094434	1.503709
45	.6747636	.8650973	1.002554	.6361300	.2634842	.3616596	1.077235	1.490904
46	.6617094	.8514189	.9865597	.6226178	.2595718	.3562895	1.061239	1.479972
47	.6492108	.8383224	.9712457	.6104051	.2559426	.3513080	1.046402	1.470603
48	.6372329	.8257715	.9565697	.5994262	.2525864	.3467013	1.032680	1.462428
49	.6372329	.8257715	.9565697	.5896228	.2494936	.3424562	1.020035	1.462428
50	.6372329	.8257715	.9565697	.5809431	.2466556	.3385608	1.008433	1.462428
51	.6372329	.8257715	.9565697	.5733423	.2440647	.3350043	.9978395	1.462428
52	.6372329	.8257715	.9565697	.5667809	.2417135	.3317772	.9882271	1.462428
53	.6372329	.8257715	.9565697	.5612255	.2395958	.3288703	.9795687	1.462428
54	.6372329	.8257715	.9565697	.5566479	.2377057	.3262760	.9718413	1.462428
55	.6372329	.8257715	.9565697	.5530248	.2360381	.3239871	.9650235	1.462428
56	.6606234	.8506310	.9842210	.5503381	.2345886	.3219974	.9590972	1.566772
57	.6840140	.8754907	1.011872	.5485743	.2333532	.3203018	.9540464	1.671115
58	.7074045	.9003502	1.039524	.5477247	.2323287	.3188955	.9498579	1.775459
59	.7307950	.9252099	1.067175	.5477849	.2315123	.3177750	.9465203	1.879802
60	.7541854	.9500695	1.094827	.5487554	.2309020	.3169371	.9440249	1.984145
61	.7775761	.9749290	1.122478	.5506409	.2304959	.3163798	.9423648	2.088489
62	.8009666	.9997885	1.150129	.5534508	.2302932	.3161016	.9415358	2.192832
63	.8243570	1.024648	1.177781	.5571992	.2302932	.3161016	.9415358	2.297175
64	.8477476	1.049508	1.205432	.5619050	.2304959	.3163798	.9423648	2.401518
65	.8711382	1.074367	1.233084	.5675920	.2309020	.3169371	.9440249	2.505862

Table B-86
Victoria 2007 RNLS Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	6.237812	6.153714	6.962949	9.277306	.0000000	.0000000	.0000000	.0000000
4	3.649203	3.519754	3.974517	5.366693	.0000000	.0000000	.0000000	.0000000
5	2.425359	2.289939	2.580710	3.529525	.0000000	.0000000	.0000000	.0000000
6	1.746683	1.616133	1.817864	2.516917	.0000000	.0000000	.0000000	.0000000
7	1.329126	1.206388	1.354456	1.897547	.0000000	.0000000	.0000000	.0000000
8	1.168766	1.050132	1.177797	1.660356	.0000000	.0000000	.0000000	.0000000
9	1.052804	.9394813	1.052916	1.490542	.0000000	.0000000	.0000000	.0000000
10	.9561698	.8494041	.9514664	1.350612	.0000000	.0000000	.0000000	.0000000
11	.8735923	.7742900	.8670584	1.232417	.0000000	.0000000	.0000000	.0000000
12	.8015569	.7103981	.7954311	1.130522	.0000000	.0000000	.0000000	.0000000
13	.7376311	.6551387	.7336354	1.041165	.0000000	.0000000	.0000000	.0000000
14	.6800770	.6066623	.6795647	.9616615	.0000000	.0000000	.0000000	.0000000
15	.6276203	.5636119	.6316737	.8900390	.0000000	.0000000	.0000000	.0000000
16	.5793054	.5249702	.5888038	.8248206	.0000000	.0000000	.0000000	.0000000
17	.5344012	.4899595	.5500691	.7648757	.0000000	.0000000	.0000000	.0000000
18	.4923394	.4579743	.5147802	.7093258	.0000000	.0000000	.0000000	.0000000
19	.4526711	.4285371	.4823932	.6574768	.0000000	.0000000	.0000000	.0000000
20	.4217823	.4039698	.4551567	.6158912	.0000000	.0000000	.0000000	.0000000
21	.4027546	.3853152	.4340603	.5876788	.0000000	.0000000	.0000000	.0000000
22	.3852330	.3682640	.4147899	.5617950	.0000000	.0000000	.0000000	.0000000
23	.3690211	.3526067	.3971072	.5379362	.0000000	.0000000	.0000000	.0000000
24	.3539551	.3381693	.3808137	.5158491	.0000000	.0000000	.0000000	.0000000
25	.3398975	.3248054	.3657427	.4953215	.0000000	.0000000	.0000000	.0000000
26	.3267319	.3123911	.3517534	.4761729	.0000000	.0000000	.0000000	.0000000
27	.3143594	.3008208	.3387252	.4582505	.0000000	.0000000	.0000000	.0000000
28	.3026948	.2900043	.3265555	.4414228	.0000000	.0000000	.0000000	.0000000
29	.2916650	.2798634	.3151553	.4255765	.0000000	.0000000	.0000000	.0000000
30	.2812064	.2703305	.3044476	.4106134	.0000000	.0000000	.0000000	.0000000
31	.2712638	.2613470	.2943655	.3964483	.0000000	.0000000	.0000000	.0000000
32	.2617888	.2528613	.2848503	.3830063	.0000000	.0000000	.0000000	.0000000
33	.2527389	.2448280	.2758505	.3702212	.0000000	.0000000	.0000000	.0000000
34	.2440766	.2372074	.2673205	.3580357	.0000000	.0000000	.0000000	.0000000
35	.2357687	.2299640	.2592203	.3463981	.0000000	.0000000	.0000000	.0000000
36	.2277857	.2230664	.2515138	.3352627	.0000000	.0000000	.0000000	.0000000
37	.2201011	.2164865	.2441692	.3245889	.0000000	.0000000	.0000000	.0000000
38	.2126915	.2101993	.2371580	.3143402	.0000000	.0000000	.0000000	.0000000
39	.2055357	.2041823	.2304544	.3044839	.0000000	.0000000	.0000000	.0000000
40	.1986146	.1984151	.2240354	.2949905	.0000000	.0000000	.0000000	.0000000
41	.1919111	.1928796	.2178802	.2858336	.0000000	.0000000	.0000000	.0000000
42	.1854096	.1875591	.2119700	.2769891	.0000000	.0000000	.0000000	.0000000
43	.1790961	.1824388	.2062876	.2684352	.0000000	.0000000	.0000000	.0000000
44	.1729577	.1775048	.2008175	.2601520	.0000000	.0000000	.0000000	.0000000
45	.1669828	.1727448	.1955455	.2521216	.0000000	.0000000	.0000000	.0000000
46	.1611606	.1681475	.1904588	.2443274	.0000000	.0000000	.0000000	.0000000
47	.1554815	.1637024	.1855455	.2367543	.0000000	.0000000	.0000000	.0000000
48	.1498697	.1591697	.1805191	.2291699	.0000000	.0000000	.0000000	.0000000
49	.1439192	.1528428	.1733290	.2200214	.0000000	.0000000	.0000000	.0000000
50	.1383200	.1468897	.1665639	.2114142	.0000000	.0000000	.0000000	.0000000
51	.1330450	.1412814	.1601909	.2033061	.0000000	.0000000	.0000000	.0000000
52	.1280696	.1359917	.1541802	.1956595	.0000000	.0000000	.0000000	.0000000
53	.1233714	.1309969	.1485048	.1884397	.0000000	.0000000	.0000000	.0000000
54	.1189301	.1262753	.1431402	.1816156	.0000000	.0000000	.0000000	.0000000
55	.1147274	.1218074	.1380640	.1751586	.0000000	.0000000	.0000000	.0000000
56	.1107463	.1175753	.1332559	.1690430	.0000000	.0000000	.0000000	.0000000
57	.1069715	.1135626	.1286972	.1632449	.0000000	.0000000	.0000000	.0000000
58	.1033890	.1097543	.1243710	.1577427	.0000000	.0000000	.0000000	.0000000
59	.0999858	.1061368	.1202616	.1525166	.0000000	.0000000	.0000000	.0000000
60	.0967502	.1026974	.1163549	.1475485	.0000000	.0000000	.0000000	.0000000
61	.0936713	.0994247	.1126375	.1428214	.0000000	.0000000	.0000000	.0000000
62	.0907391	.0963080	.1090976	.1383201	.0000000	.0000000	.0000000	.0000000
63	.0879443	.0933375	.1057238	.1340303	.0000000	.0000000	.0000000	.0000000
64	.0852786	.0905042	.1025060	.1299390	.0000000	.0000000	.0000000	.0000000
65	.0827340	.0877997	.0994346	.1260341	.0000000	.0000000	.0000000	.0000000

Table B-87
Victoria 2007 RSTL, CC, and HTSK Emission Rates for Time Period 2

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0419131	.0440700	.0353318	.0567004	.0000000	.0000000	.0000000	.7832513
--	.0079919	.0090007	.0094034	.0106752	.0000000	.0000000	.0000000	.0000000
--	.1150888	.1224192	.1093696	.7987071	.0000000	.0000000	.0000000	3.249795

Table B-88
Victoria 2007 VOC Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	11.47504	12.67813	14.48373	16.18300	1.093297	1.500665	4.469860	15.72704
4	7.881723	8.737673	9.981668	12.02405	1.037981	1.424738	4.243707	13.60817
5	6.026676	6.693513	7.644563	9.811816	.9863322	1.353844	4.032543	12.03883
6	4.915375	5.464122	6.238217	8.404160	.9380780	1.287611	3.835260	10.85430
7	4.183007	4.651317	5.308001	7.402905	.8929702	1.225695	3.650839	9.944760
8	3.773218	4.180209	4.766770	6.792566	.8507797	1.167784	3.478347	9.235384
9	3.462585	3.823557	4.357060	6.282343	.8112962	1.113589	3.316921	8.674160
10	3.210639	3.536598	4.027668	5.833931	.7743261	1.062844	3.165773	8.224243
11	3.001377	3.300325	3.756688	5.436190	.7396915	1.015304	3.024171	7.859060
12	2.824126	3.102068	3.529518	5.080887	.7072281	.9707447	2.891447	7.559137
13	2.671499	2.933053	3.336048	4.761691	.6767847	.9289580	2.766982	7.309978
14	2.538221	2.787013	3.169056	4.473583	.6482220	.8897527	2.650205	7.100642
15	2.420420	2.659355	3.023248	4.212487	.6214113	.8529522	2.540592	6.922759
16	2.315196	2.546631	2.894649	3.975034	.5962340	.8183937	2.437656	6.769864
17	2.220328	2.446207	2.780225	3.758399	.5725805	.7859267	2.340951	6.636907
18	2.134091	2.356031	2.677612	3.560181	.5503494	.7554122	2.250060	6.519919
19	2.055122	2.274486	2.584946	3.378329	.5294471	.7267216	2.164603	6.415763
20	1.967761	2.186074	2.483021	3.217370	.5097871	.6997364	2.084225	6.321954
21	1.886025	2.101640	2.384962	3.078918	.4912893	.6743462	2.008598	6.236517
22	1.811514	2.024799	2.295734	2.952173	.4738796	.6504494	1.937420	6.157896
23	1.743286	1.954559	2.214185	2.835955	.4574892	.6279519	1.870409	6.084870
24	1.680555	1.890096	2.139357	2.729227	.4420545	.6067662	1.807306	6.016490
25	1.622662	1.830717	2.070441	2.631072	.4275166	.5868114	1.747869	5.952030
26	1.569048	1.775834	2.006757	2.540677	.4138209	.5680125	1.691875	5.890949
27	1.519239	1.724949	1.947722	2.457322	.4009165	.5503000	1.639116	5.832859
28	1.472826	1.677632	1.892839	2.380362	.3887565	.5336090	1.589401	5.777484
29	1.429458	1.633516	1.841678	2.309227	.3772972	.5178800	1.542550	5.724652
30	1.388831	1.592278	1.793866	2.243403	.3664981	.5030570	1.498399	5.674263
31	1.350679	1.553643	1.749080	2.182431	.3563214	.4890885	1.456793	5.626279
32	1.314771	1.517364	1.707037	2.125902	.3467324	.4759266	1.417589	5.580699
33	1.280902	1.483229	1.667486	2.073446	.3376984	.4635265	1.380654	5.537549
34	1.248892	1.451047	1.630208	2.024730	.3291894	.4518470	1.345865	5.496879
35	1.218582	1.420651	1.595008	1.979457	.3211773	.4408495	1.313108	5.458739
36	1.189831	1.391894	1.561713	1.937356	.3136361	.4304984	1.282277	5.423186
37	1.162512	1.364640	1.530168	1.898185	.3065415	.4207604	1.253271	5.390260
38	1.136512	1.338773	1.500235	1.861726	.2998712	.4116047	1.226000	5.360001
39	1.111729	1.314185	1.471791	1.827780	.2936044	.4030028	1.200379	5.332417
40	1.088072	1.290781	1.444723	1.796170	.2877216	.3949281	1.176327	5.307502
41	1.065460	1.268473	1.418931	1.766733	.2822049	.3873558	1.153773	5.285221
42	1.043816	1.247184	1.394323	1.739324	.2770376	.3802632	1.132647	5.265502
43	1.023074	1.226842	1.370818	1.713812	.2722044	.3736291	1.112887	5.248249
44	1.003173	1.207383	1.348340	1.690077	.2676910	.3674340	1.094434	5.233308
45	.9840550	1.188748	1.326820	1.668013	.2634842	.3616596	1.077235	5.220492
46	.9656704	1.170883	1.306196	1.647524	.2595718	.3562895	1.061239	5.209552
47	.9479719	1.153740	1.286411	1.628522	.2559426	.3513080	1.046402	5.200176
48	.9308560	1.137059	1.267158	1.610733	.2525864	.3467013	1.032680	5.191994
49	.9254090	1.131273	1.260591	1.592697	.2494936	.3424562	1.020035	5.191994
50	.9202834	1.125828	1.254412	1.576267	.2466556	.3385608	1.008433	5.191994
51	.9154546	1.120698	1.248592	1.561359	.2440647	.3350043	.9978395	5.191994
52	.9108998	1.115860	1.243101	1.547900	.2417135	.3317772	.9882271	5.191994
53	.9065986	1.111291	1.237917	1.535826	.2395958	.3288703	.9795687	5.191994
54	.9025325	1.106972	1.233017	1.525080	.2377057	.3262760	.9718413	5.191994
55	.8986846	1.102885	1.228380	1.515614	.2360381	.3239871	.9650235	5.191994
56	.9184301	1.123865	1.251635	1.507385	.2345886	.3219974	.9590972	5.296421
57	.9383644	1.145046	1.275119	1.500359	.2333532	.3203018	.9540464	5.400848
58	.9584745	1.166413	1.298814	1.494508	.2323287	.3188955	.9498579	5.505275
59	.9787489	1.187955	1.322708	1.489809	.2315123	.3177750	.9465203	5.609702
60	.9991764	1.209661	1.346786	1.486246	.2309020	.3169371	.9440249	5.714128
61	1.019747	1.231518	1.371038	1.483808	.2304959	.3163798	.9423648	5.818556
62	1.040453	1.253518	1.395451	1.482492	.2302932	.3161016	.9415358	5.922983
63	1.061284	1.275651	1.420016	1.482297	.2302932	.3161016	.9415358	6.027409
64	1.082233	1.297911	1.444724	1.483231	.2304959	.3163798	.9423648	6.131837
65	1.103293	1.320287	1.469566	1.485306	.2309020	.3169371	.9440249	6.236263

Table B-89
Victoria 2007 CO Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	77.68083	82.60417	92.62779	85.19215	4.396039	4.881511	36.10833	191.9401
4	60.86250	65.02818	73.05630	77.83641	4.051446	4.498864	33.27791	153.0762
5	50.77150	54.48259	61.31340	71.27241	3.740667	4.153763	30.72522	125.0260
6	44.04417	47.45219	53.48479	65.40569	3.460019	3.842122	28.42002	104.3272
7	39.23893	42.43047	47.89294	60.15409	3.206256	3.560335	26.33566	88.74149
8	35.63500	38.66420	43.69904	55.44598	2.976518	3.305226	24.44862	76.78657
9	32.83195	35.73486	40.43713	51.21893	2.768274	3.073985	22.73814	67.45878
10	30.58951	33.39140	37.82759	47.41835	2.579290	2.864130	21.18586	60.06437
11	28.75478	31.47401	35.69252	43.99646	2.407584	2.673463	19.77550	54.11450
12	27.22584	29.87619	33.91330	40.91142	2.251404	2.500035	18.49266	49.25864
13	25.93213	28.52420	32.40780	38.12649	2.109190	2.342116	17.32454	45.24126
14	24.82322	27.36534	31.11737	35.60938	1.979559	2.198169	16.25977	41.87328
15	23.86218	26.36100	29.99900	33.33171	1.861279	2.066827	15.28824	39.01297
16	23.02126	25.48220	29.02042	31.26844	1.753255	1.946873	14.40094	36.55278
17	22.27927	24.70679	28.15698	29.39749	1.654508	1.837222	13.58986	34.41035
18	21.61974	24.01754	27.38947	27.69936	1.564168	1.736905	12.84781	32.52206
19	21.02962	23.40083	26.70275	26.15680	1.481454	1.645056	12.16842	30.83852
20	20.15191	22.53010	25.70815	24.75455	1.405670	1.560903	11.54594	29.32117
21	19.03226	21.36976	24.36979	23.47906	1.336192	1.483753	10.97526	27.93997
22	18.01440	20.31490	23.15309	22.31835	1.272462	1.412985	10.45179	26.67148
23	17.08505	19.35178	22.04219	21.26174	1.213980	1.348044	9.971428	25.49747
24	16.23314	18.46890	21.02387	20.29976	1.160295	1.288430	9.530468	24.40387
25	15.44939	17.65667	20.08702	19.42400	1.111004	1.233696	9.125601	23.37993
26	14.72593	16.90691	19.22223	18.62695	1.065745	1.183439	8.753851	22.41747
27	14.05605	16.21268	18.42149	17.90195	1.024192	1.137297	8.412542	21.51039
28	13.43403	15.56805	17.67796	17.24305	.9860522	1.094946	8.099268	20.65417
29	12.85490	14.96787	16.98570	16.64499	.9510620	1.056091	7.811865	19.84554
30	12.31438	14.40771	16.33959	16.10306	.9189845	1.020472	7.548386	19.08213
31	11.80873	13.88368	15.73517	15.61308	.8896065	.9878492	7.307081	18.36222
32	11.33469	13.39241	15.16852	15.17136	.8627364	.9580117	7.086374	17.68460
33	10.88937	12.93091	14.63622	14.77460	.8382022	.9307680	6.884853	17.04830
34	10.47025	12.49656	14.13522	14.41990	.8158489	.9059463	6.701248	16.45257
35	10.07508	12.08702	13.66286	14.10472	.7955385	.8833929	6.534422	15.89664
36	9.701870	11.70024	13.21674	13.82681	.7771468	.8629701	6.383356	15.37976
37	9.348827	11.33437	12.79473	13.58423	.7605633	.8445551	6.247140	14.90114
38	9.014366	10.98775	12.39493	13.37530	.7456894	.8280388	6.124969	14.45974
39	8.697058	10.65891	12.01564	13.19858	.7324384	.8133243	6.016128	14.05448
40	8.395615	10.34651	11.65531	13.05289	.7207334	.8003267	5.919985	13.68398
41	8.108876	10.04935	11.31256	12.93723	.7105073	.7889713	5.835989	13.34663
42	7.835791	9.766336	10.98613	12.85084	.7017023	.7791940	5.763666	13.04063
43	7.575407	9.496490	10.67488	12.79314	.6942688	.7709396	5.702609	12.76381
44	7.326860	9.238910	10.37778	12.76375	.6881655	.7641622	5.652476	12.51368
45	7.089359	8.992775	10.09388	12.76248	.6833583	.7588242	5.612991	12.28737
46	6.862185	8.757344	9.822332	12.78931	.6798208	.7548960	5.583935	12.08162
47	6.644677	8.531931	9.562335	12.84442	.6775337	.7523563	5.565150	11.89262
48	6.436232	8.315908	9.313171	12.92818	.6764843	.7511911	5.556530	11.71610
49	6.436232	8.315908	9.313171	13.04115	.6766670	.7513939	5.558030	11.71610
50	6.436232	8.315908	9.313171	13.18407	.6780827	.7529660	5.569659	11.71610
51	6.436232	8.315908	9.313171	13.35792	.6807393	.7559159	5.591479	11.71610
52	6.436232	8.315908	9.313171	13.56387	.6846510	.7602597	5.623610	11.71610
53	6.436232	8.315908	9.313171	13.80332	.6898397	.7660214	5.666229	11.71610
54	6.436232	8.315908	9.313171	14.07794	.6963339	.7732327	5.719570	11.71610
55	6.436232	8.315908	9.313171	14.38965	.7041696	.7819338	5.783932	11.71610
56	7.054185	9.074268	10.11603	14.74066	.7133907	.7921731	5.859674	14.53768
57	7.672139	9.832626	10.91888	15.13348	.7240492	.8040087	5.947220	17.35926
58	8.290092	10.59099	11.72174	15.57099	.7362056	.8175075	6.047070	20.18084
59	8.908046	11.34934	12.52459	16.05643	.7499296	.8327472	6.159797	23.00242
60	9.525999	12.10770	13.32745	16.59347	.7653010	.8498162	6.286056	25.82400
61	10.14395	12.86606	14.13030	17.18624	.7824103	.8688149	6.426587	28.64558
62	10.76191	13.62442	14.93316	17.83940	.8013593	.8898564	6.582232	31.46715
63	11.37986	14.38278	15.73601	18.55816	.8222622	.9130676	6.753925	34.28874
64	11.99781	15.14114	16.53887	19.34839	.8452474	.9385912	6.942721	37.11032
65	12.61577	15.89950	17.34172	20.21671	.8704578	.9665858	7.149796	39.93189

Table B-90
Victoria 2007 NOX Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	1.948802	2.254021	2.663338	3.458726	1.869573	2.105837	13.70809	.8136578
4	1.781262	2.060241	2.434369	3.494518	1.790832	2.017145	13.13074	.7782514
5	1.680738	1.943973	2.296988	3.530309	1.717844	1.934934	12.59558	.7488697
6	1.613722	1.866462	2.205400	3.566100	1.650173	1.858711	12.09940	.7250507
7	1.565853	1.811096	2.139980	3.601891	1.587420	1.788028	11.63929	.7063493
8	1.529952	1.769572	2.090916	3.637682	1.529224	1.722476	11.21258	.6923355
9	1.502028	1.737275	2.052754	3.673474	1.475254	1.661687	10.81686	.6825964
10	1.479690	1.711437	2.022225	3.709265	1.425211	1.605320	10.44994	.6767349
11	1.461413	1.690298	1.997247	3.745056	1.378823	1.553069	10.10981	.6743701
12	1.446182	1.672682	1.976431	3.780847	1.335840	1.504654	9.794647	.6751378
13	1.433294	1.657776	1.958818	3.816638	1.296036	1.459820	9.502795	.6786894
14	1.422248	1.644999	1.943721	3.852429	1.259205	1.418334	9.232742	.6846926
15	1.412674	1.633926	1.930637	3.888220	1.225158	1.379986	8.983109	.6928319
16	1.404297	1.624237	1.919189	3.924012	1.193727	1.344582	8.752645	.7028071
17	1.396906	1.615688	1.909087	3.959803	1.164754	1.311948	8.540215	.7143353
18	1.390335	1.608088	1.900108	3.995594	1.138100	1.281925	8.344780	.7271485
19	1.384457	1.601289	1.892074	4.031385	1.113636	1.254369	8.165401	.7409962
20	1.387656	1.591502	1.880302	4.067176	1.091246	1.229150	8.001235	.7556434
21	1.396634	1.594207	1.882961	4.102968	1.070826	1.206150	7.851511	.7708712
22	1.404796	1.596666	1.885378	4.138759	1.052281	1.185261	7.715536	.7864774
23	1.412249	1.598911	1.887585	4.174550	1.035527	1.166389	7.592690	.8022757
24	1.419081	1.600969	1.889609	4.210340	1.020487	1.149449	7.482418	.8180960
25	1.425366	1.602863	1.891470	4.246132	1.007095	1.134365	7.384225	.8337849
26	1.431167	1.604610	1.893188	4.281923	.9952915	1.121069	7.297677	.8492041
27	1.436539	1.606228	1.894779	4.317714	.9850235	1.109504	7.222391	.8642329
28	1.441527	1.607731	1.896256	4.353506	.9762469	1.099618	7.158040	.8787658
29	1.446172	1.609130	1.897632	4.389297	.9689234	1.091369	7.104342	.8927140
30	1.450506	1.610436	1.898915	4.425088	.9630213	1.084721	7.061067	.9060045
31	1.454561	1.611658	1.900116	4.460878	.9585153	1.079646	7.028028	.9185811
32	1.458362	1.612803	1.901242	4.496670	.9553860	1.076121	7.005083	.9304034
33	1.461933	1.613879	1.902300	4.532461	.9536202	1.074132	6.992136	.9414471
34	1.465294	1.614892	1.903295	4.568252	.9532103	1.073670	6.989130	.9517046
35	1.468464	1.615846	1.904233	4.604043	.9541544	1.074734	6.996053	.9611841
36	1.471456	1.616748	1.905120	4.639834	.9564568	1.077327	7.012934	.9699101
37	1.474288	1.617600	1.905958	4.675626	.9601269	1.081461	7.039844	.9779229
38	1.476969	1.618408	1.906753	4.711417	.9651809	1.087154	7.076900	.9852804
39	1.479514	1.619175	1.907506	4.747208	.9716402	1.094429	7.124261	.9920556
40	1.481931	1.619903	1.908222	4.782999	.9795326	1.103319	7.182131	.9983374
41	1.484231	1.620596	1.908903	4.818790	.9888924	1.113862	7.250758	1.004231
42	1.486420	1.621256	1.909552	4.854581	.9997603	1.126103	7.330444	1.009860
43	1.488509	1.621885	1.910170	4.890372	1.012184	1.140097	7.421535	1.015360
44	1.490502	1.622485	1.910760	4.926164	1.026218	1.155904	7.524437	1.020888
45	1.492407	1.623059	1.911324	4.961955	1.041925	1.173597	7.639606	1.026611
46	1.494228	1.623608	1.911864	4.997746	1.059376	1.193253	7.767560	1.032719
47	1.495972	1.624133	1.912380	5.033537	1.078650	1.214962	7.908879	1.039413
48	1.497644	1.624637	1.912875	5.069327	1.099835	1.238825	8.064213	1.046913
49	1.541619	1.685540	1.984331	5.105120	1.123030	1.264951	8.234282	1.081004
50	1.585595	1.746443	2.055786	5.140911	1.148343	1.293463	8.419884	1.115094
51	1.629570	1.807345	2.127242	5.176702	1.175896	1.324497	8.621904	1.149184
52	1.673545	1.868248	2.198697	5.212493	1.205821	1.358204	8.841318	1.183274
53	1.717520	1.929151	2.270153	5.248284	1.238264	1.394747	9.079201	1.217364
54	1.761495	1.990054	2.341608	5.284076	1.273387	1.434309	9.336730	1.251454
55	1.805471	2.050957	2.413064	5.319866	1.311367	1.477089	9.615210	1.285544
56	1.849446	2.111860	2.484519	5.355657	1.352399	1.523306	9.916063	1.319634
57	1.893421	2.172763	2.555974	5.391449	1.396697	1.573202	10.24087	1.353724
58	1.937396	2.233665	2.627430	5.427239	1.444496	1.627041	10.59133	1.387815
59	1.981371	2.294569	2.698885	5.463031	1.496053	1.685114	10.96936	1.421905
60	2.025346	2.355471	2.770340	5.498821	1.551652	1.747739	11.37703	1.455995
61	2.069322	2.416374	2.841796	5.534614	1.611605	1.815268	11.81661	1.490085
62	2.113297	2.477277	2.913251	5.570405	1.676252	1.888085	12.29062	1.524175
63	2.157272	2.538180	2.984707	5.606195	1.745970	1.966614	12.80180	1.558265
64	2.201247	2.599083	3.056162	5.641987	1.821172	2.051319	13.35320	1.592355
65	2.245223	2.659986	3.127618	5.677778	1.902313	2.142714	13.94814	1.626445

Table B-91
Victoria 2007 EXHS Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	5.630583	6.861030	7.955344	6.948704	1.093297	1.500665	4.469860	11.99865
4	4.399799	5.333827	6.186936	6.343083	1.037981	1.424738	4.243707	9.879770
5	3.661329	4.417504	5.125892	5.799867	.9863322	1.353844	4.032543	8.310435
6	3.169015	3.806623	4.418529	5.311983	.9380780	1.287611	3.835260	7.125906
7	2.817363	3.370279	3.913269	4.873219	.8929702	1.225695	3.650839	6.216365
8	2.553623	3.043021	3.534324	4.478127	.8507797	1.167784	3.478347	5.506990
9	2.348492	2.788487	3.239590	4.121903	.8112962	1.113589	3.316921	4.945766
10	2.184388	2.584860	3.003802	3.800319	.7743261	1.062844	3.165773	4.495848
11	2.050120	2.418256	2.810885	3.509645	.7396915	1.015304	3.024171	4.130665
12	1.938231	2.279419	2.650120	3.246589	.7072281	.9707447	2.891447	3.830743
13	1.843556	2.161942	2.514089	3.008239	.6767847	.9289580	2.766982	3.581584
14	1.762405	2.061247	2.397491	2.792019	.6482220	.8897527	2.650205	3.372247
15	1.692074	1.973979	2.296439	2.595645	.6214113	.8529522	2.540592	3.194364
16	1.630535	1.897619	2.208018	2.417091	.5962340	.8183937	2.437656	3.041468
17	1.576236	1.830242	2.130000	2.254560	.5725805	.7859267	2.340951	2.908512
18	1.527970	1.770352	2.060651	2.106452	.5503494	.7554122	2.250060	2.791525
19	1.484784	1.716766	1.998601	1.971343	.5294471	.7267216	2.164603	2.687369
20	1.425375	1.651429	1.922161	1.847965	.5097871	.6997364	2.084225	2.593559
21	1.361037	1.584020	1.843333	1.735187	.4912893	.6743462	2.008598	2.508122
22	1.302547	1.522738	1.771671	1.631998	.4738796	.6504494	1.937420	2.429501
23	1.249144	1.466785	1.706241	1.537496	.4574892	.6279519	1.870409	2.356475
24	1.200191	1.415495	1.646263	1.450872	.4420545	.6067662	1.807306	2.288095
25	1.155155	1.368308	1.591084	1.371404	.4275166	.5868114	1.747869	2.223635
26	1.113582	1.324751	1.540148	1.298442	.4138209	.5680125	1.691875	2.162555
27	1.075090	1.284421	1.492986	1.231404	.4009165	.5503000	1.639116	2.104464
28	1.039346	1.246971	1.449193	1.169767	.3887565	.5336090	1.589401	2.049089
29	1.006068	1.212104	1.408420	1.113062	.3772972	.5178800	1.542550	1.996258
30	.9750079	1.179561	1.370365	1.060865	.3664981	.5030570	1.498399	1.945869
31	.9459521	1.149118	1.334765	1.012796	.3563214	.4890885	1.456793	1.897886
32	.9187121	1.120577	1.301391	.9685113	.3467324	.4759266	1.417589	1.852304
33	.8931232	1.093767	1.270039	.9277017	.3376984	.4635265	1.380654	1.809155
34	.8690394	1.068533	1.240531	.8900878	.3291894	.4518470	1.345865	1.768485
35	.8463317	1.044741	1.212709	.8554180	.3211773	.4408495	1.313108	1.730345
36	.8248858	1.022271	1.186433	.8234642	.3136361	.4304984	1.282277	1.694792
37	.8045990	1.001016	1.161578	.7940212	.3065415	.4207604	1.253271	1.661865
38	.7853799	.9808794	1.138030	.7669028	.2998712	.4116047	1.226000	1.631606
39	.7671465	.9617754	1.115690	.7419412	.2936044	.4030028	1.200379	1.604022
40	.7498245	.9436266	1.094467	.7189847	.2877216	.3949281	1.176327	1.579107
41	.7333478	.9263631	1.074279	.6978960	.2822049	.3873558	1.153773	1.556826
42	.7176557	.9099216	1.055053	.6785513	.2770376	.3802632	1.132647	1.537108
43	.7026933	.8942451	1.036721	.6608390	.2722044	.3736291	1.112887	1.519855
44	.6884110	.8792809	1.019222	.6446581	.2676910	.3674340	1.094434	1.504914
45	.6747636	.8649818	1.002501	.6299183	.2634842	.3616596	1.077235	1.492098
46	.6617094	.8513045	.9865071	.6165380	.2595718	.3562895	1.061239	1.481157
47	.6492108	.8382093	.9711937	.6044446	.2559426	.3513080	1.046402	1.471781
48	.6372329	.8256594	.9565182	.5935729	.2525864	.3467013	1.032680	1.463600
49	.6372329	.8256594	.9565182	.5838652	.2494936	.3424562	1.020035	1.463600
50	.6372329	.8256594	.9565182	.5752704	.2466556	.3385608	1.008433	1.463600
51	.6372329	.8256594	.9565182	.5677437	.2440647	.3350043	.9978395	1.463600
52	.6372329	.8256594	.9565182	.5612465	.2417135	.3317772	.9882271	1.463600
53	.6372329	.8256594	.9565182	.5557454	.2395958	.3288703	.9795687	1.463600
54	.6372329	.8256594	.9565182	.5512123	.2377057	.3262760	.9718413	1.463600
55	.6372329	.8256594	.9565182	.5476246	.2360381	.3239871	.9650235	1.463600
56	.6606234	.8505111	.9841658	.5449641	.2345886	.3219974	.9590972	1.568027
57	.6840140	.8753629	1.011814	.5432177	.2333532	.3203018	.9540464	1.672454
58	.7074045	.9002146	1.039461	.5423763	.2323287	.3188955	.9498579	1.776880
59	.7307950	.9250663	1.067109	.5424360	.2315123	.3177750	.9465203	1.881307
60	.7541854	.9499180	1.094757	.5433969	.2309020	.3169371	.9440249	1.985734
61	.7775761	.9747697	1.122405	.5452640	.2304959	.3163798	.9423648	2.090161
62	.8009666	.9996213	1.150053	.5480465	.2302932	.3161016	.9415358	2.194588
63	.8243570	1.024473	1.177701	.5517583	.2302932	.3161016	.9415358	2.299015
64	.8477476	1.049325	1.205348	.5564181	.2304959	.3163798	.9423648	2.403442
65	.8711382	1.074176	1.232996	.5620495	.2309020	.3169371	.9440249	2.507869

Table B-92
Victoria 2007 RNLS Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	5.688238	5.651497	6.382842	8.425997	.0000000	.0000000	.0000000	.0000000
4	3.325706	3.238244	3.649185	4.872674	.0000000	.0000000	.0000000	.0000000
5	2.209130	2.110404	2.373124	3.203653	.0000000	.0000000	.0000000	.0000000
6	1.590141	1.491894	1.674143	2.283882	.0000000	.0000000	.0000000	.0000000
7	1.209426	1.115433	1.249185	1.721390	.0000000	.0000000	.0000000	.0000000
8	1.063377	.9715837	1.086899	1.506143	.0000000	.0000000	.0000000	.0000000
9	.9578742	.8694648	.9719236	1.352144	.0000000	.0000000	.0000000	.0000000
10	.8700333	.7861329	.8783188	1.225316	.0000000	.0000000	.0000000	.0000000
11	.7950379	.7164645	.8002566	1.118249	.0000000	.0000000	.0000000	.0000000
12	.7296762	.6570436	.7338508	1.026002	.0000000	.0000000	.0000000	.0000000
13	.6717253	.6055056	.6764121	.9451566	.0000000	.0000000	.0000000	.0000000
14	.6195972	.5601611	.6260188	.8732684	.0000000	.0000000	.0000000	.0000000
15	.5721272	.5197717	.5812615	.8085464	.0000000	.0000000	.0000000	.0000000
16	.5284420	.4834080	.5410839	.7496469	.0000000	.0000000	.0000000	.0000000
17	.4878738	.4503599	.5046777	.6955423	.0000000	.0000000	.0000000	.0000000
18	.4499030	.4200746	.4714141	.6454335	.0000000	.0000000	.0000000	.0000000
19	.4141194	.3921158	.4407972	.5986897	.0000000	.0000000	.0000000	.0000000
20	.3861681	.3690396	.4153130	.5611094	.0000000	.0000000	.0000000	.0000000
21	.3687699	.3520159	.3960816	.5354355	.0000000	.0000000	.0000000	.0000000
22	.3527481	.3364561	.3785155	.5118790	.0000000	.0000000	.0000000	.0000000
23	.3379231	.3221693	.3623976	.4901635	.0000000	.0000000	.0000000	.0000000
24	.3241453	.3089964	.3475466	.4700591	.0000000	.0000000	.0000000	.0000000
25	.3112890	.2968038	.3338107	.4513723	.0000000	.0000000	.0000000	.0000000
26	.2992478	.2854782	.3210612	.4339396	.0000000	.0000000	.0000000	.0000000
27	.2879313	.2749235	.3091884	.4176216	.0000000	.0000000	.0000000	.0000000
28	.2772618	.2650569	.2980985	.4022989	.0000000	.0000000	.0000000	.0000000
29	.2671723	.2558074	.2877104	.3878686	.0000000	.0000000	.0000000	.0000000
30	.2576050	.2471131	.2779539	.3742414	.0000000	.0000000	.0000000	.0000000
31	.2485090	.2389204	.2687680	.3613396	.0000000	.0000000	.0000000	.0000000
32	.2398404	.2311823	.2600992	.3490952	.0000000	.0000000	.0000000	.0000000
33	.2315603	.2238573	.2519003	.3374484	.0000000	.0000000	.0000000	.0000000
34	.2236345	.2169091	.2441301	.3263465	.0000000	.0000000	.0000000	.0000000
35	.2160324	.2103054	.2367517	.3157428	.0000000	.0000000	.0000000	.0000000
36	.2087272	.2040175	.2297325	.3055957	.0000000	.0000000	.0000000	.0000000
37	.2016947	.1980197	.2230433	.2958683	.0000000	.0000000	.0000000	.0000000
38	.1949136	.1922891	.2166581	.2865274	.0000000	.0000000	.0000000	.0000000
39	.1883643	.1868053	.2105536	.2775433	.0000000	.0000000	.0000000	.0000000
40	.1820296	.1815496	.2047086	.2688892	.0000000	.0000000	.0000000	.0000000
41	.1758937	.1765055	.1991042	.2605410	.0000000	.0000000	.0000000	.0000000
42	.1699423	.1716577	.1937232	.2524768	.0000000	.0000000	.0000000	.0000000
43	.1641628	.1669926	.1885500	.2446769	.0000000	.0000000	.0000000	.0000000
44	.1585433	.1624977	.1835705	.2371231	.0000000	.0000000	.0000000	.0000000
45	.1530732	.1581618	.1787716	.2297991	.0000000	.0000000	.0000000	.0000000
46	.1477427	.1539743	.1741417	.2226899	.0000000	.0000000	.0000000	.0000000
47	.1425429	.1499259	.1696700	.2157818	.0000000	.0000000	.0000000	.0000000
48	.1374047	.1457954	.1650932	.2088646	.0000000	.0000000	.0000000	.0000000
49	.1319577	.1400089	.1585263	.2005364	.0000000	.0000000	.0000000	.0000000
50	.1268322	.1345640	.1523474	.1927008	.0000000	.0000000	.0000000	.0000000
51	.1220033	.1294343	.1465264	.1853194	.0000000	.0000000	.0000000	.0000000
52	.1174485	.1245959	.1410362	.1783578	.0000000	.0000000	.0000000	.0000000
53	.1131473	.1200270	.1358522	.1717848	.0000000	.0000000	.0000000	.0000000
54	.1090812	.1157080	.1309518	.1655718	.0000000	.0000000	.0000000	.0000000
55	.1052334	.1116209	.1263148	.1596930	.0000000	.0000000	.0000000	.0000000
56	.1015883	.1077493	.1219225	.1541248	.0000000	.0000000	.0000000	.0000000
57	.0981321	.1040783	.1177580	.1488456	.0000000	.0000000	.0000000	.0000000
58	.0948517	.1005943	.1138058	.1438356	.0000000	.0000000	.0000000	.0000000
59	.0917355	.0972846	.1100515	.1390770	.0000000	.0000000	.0000000	.0000000
60	.0887726	.0941379	.1064823	.1345530	.0000000	.0000000	.0000000	.0000000
61	.0859531	.0911435	.1030860	.1302485	.0000000	.0000000	.0000000	.0000000
62	.0832678	.0882918	.0998517	.1261495	.0000000	.0000000	.0000000	.0000000
63	.0807084	.0855738	.0967691	.1222430	.0000000	.0000000	.0000000	.0000000
64	.0782670	.0829812	.0938289	.1185172	.0000000	.0000000	.0000000	.0000000
65	.0759365	.0805064	.0910225	.1149611	.0000000	.0000000	.0000000	.0000000

Table B-93
Victoria 2007 RSTL, CC, and HTSK Emission Rates for Time Period 3

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0395847	.0416218	.0333690	.0535505	.0000000	.0000000	.0000000	.7397392
--	.0079919	.0090007	.0094034	.0106752	.0000000	.0000000	.0000000	.0000000
--	.1086417	.1149821	.1027747	.7440701	.0000000	.0000000	.0000000	2.988655

Table B-94
Victoria 2007 VOC Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	9.450718	10.85468	12.39838	12.73721	1.093297	1.500665	4.469860	14.72952
4	6.675897	7.703644	8.802450	9.861950	1.037981	1.424738	4.243707	12.60117
5	5.209742	6.023866	6.883709	8.263239	.9863322	1.353844	4.032543	11.02482
6	4.315116	4.991866	5.704058	7.201009	.9380780	1.287611	3.835260	9.834996
7	3.716657	4.297755	4.910190	6.416299	.8929702	1.225695	3.650839	8.921389
8	3.358963	3.871124	4.420114	5.897153	.8507797	1.167784	3.478347	8.208841
9	3.086497	3.545079	4.045671	5.455170	.8112962	1.113589	3.316921	7.645110
10	2.866721	3.282292	3.744181	5.064298	.7743261	1.062844	3.165773	7.193181
11	2.685266	3.065511	3.495748	4.716121	.7396915	1.015304	3.024171	6.826365
12	2.532551	2.883235	3.287107	4.404255	.7072281	.9707447	2.891447	6.525103
13	2.401943	2.727501	3.109074	4.123667	.6767847	.9289580	2.766982	6.274830
14	2.288706	2.592621	2.955093	3.870281	.6482220	.8897527	2.650205	6.064556
15	2.189365	2.474426	2.820352	3.640727	.6214113	.8529522	2.540592	5.885878
16	2.101315	2.369785	2.701243	3.432177	.5962340	.8183937	2.437656	5.732298
17	2.022564	2.276308	2.595008	3.242226	.5725805	.7859267	2.340951	5.598748
18	1.951560	2.192133	2.499502	3.068807	.5503494	.7554122	2.250060	5.481238
19	1.887083	2.115792	2.413031	2.910137	.5294471	.7267216	2.164603	5.376616
20	1.810615	2.032614	2.317231	2.767837	.5097871	.6997364	2.084225	5.282388
21	1.734782	1.953911	2.225697	2.642132	.4912893	.6743462	2.008598	5.196568
22	1.665707	1.882299	2.142421	2.527070	.4738796	.6504494	1.937420	5.117596
23	1.602508	1.816852	2.066324	2.421599	.4574892	.6279519	1.870409	5.044243
24	1.544451	1.756800	1.996511	2.324790	.4420545	.6067662	1.807306	4.975558
25	1.490919	1.701496	1.932227	2.235816	.4275166	.5868114	1.747869	4.910810
26	1.441390	1.650391	1.872834	2.153946	.4138209	.5680125	1.691875	4.849457
27	1.395419	1.603020	1.817788	2.078525	.4009165	.5503000	1.639116	4.791105
28	1.352624	1.558982	1.766624	2.008971	.3887565	.5336090	1.589401	4.735484
29	1.312677	1.517932	1.718940	1.944763	.3772972	.5178800	1.542550	4.682416
30	1.275294	1.479572	1.674388	1.885434	.3664981	.5030570	1.498399	4.631802
31	1.240226	1.443641	1.632666	1.830565	.3563214	.4890885	1.456793	4.583604
32	1.207256	1.409912	1.593507	1.779781	.3467324	.4759266	1.417589	4.537819
33	1.176194	1.378184	1.556679	1.732744	.3376984	.4635265	1.380654	4.494476
34	1.146871	1.348281	1.521976	1.689149	.3291894	.4518470	1.345865	4.453624
35	1.119138	1.320046	1.489216	1.648724	.3211773	.4408495	1.313108	4.415315
36	1.092862	1.293340	1.458237	1.611221	.3136361	.4304984	1.282277	4.379602
37	1.067926	1.268040	1.428895	1.576416	.3065415	.4207604	1.253271	4.346529
38	1.044223	1.244034	1.401060	1.544110	.2998712	.4116047	1.226000	4.316134
39	1.021659	1.221223	1.374617	1.514119	.2936044	.4030028	1.200379	4.288427
40	1.000149	1.199518	1.349460	1.486281	.2877216	.3949281	1.176327	4.263401
41	.9796150	1.178836	1.325497	1.460447	.2822049	.3873558	1.153773	4.241020
42	.9599874	1.159106	1.302641	1.436483	.2770376	.3802632	1.132647	4.221214
43	.9412031	1.140261	1.280816	1.414268	.2722044	.3736291	1.112887	4.203883
44	.9232046	1.122240	1.259951	1.393694	.2676910	.3674340	1.094434	4.188875
45	.9059395	1.104988	1.239982	1.374661	.2634842	.3616596	1.077235	4.176003
46	.8893600	1.088456	1.220850	1.357082	.2595718	.3562895	1.061239	4.165013
47	.8734223	1.072598	1.202504	1.340878	.2559426	.3513080	1.046402	4.155595
48	.8580428	1.057237	1.184732	1.325847	.2525864	.3467013	1.032680	4.147377
49	.8544095	1.053389	1.180389	1.311022	.2494936	.3424562	1.020035	4.147377
50	.8509899	1.049768	1.176302	1.297593	.2466556	.3385608	1.008433	4.147377
51	.8477676	1.046356	1.172451	1.285493	.2440647	.3350043	.9978395	4.147377
52	.8447275	1.043137	1.168818	1.274662	.2417135	.3317772	.9882271	4.147377
53	.8418562	1.040097	1.165387	1.265047	.2395958	.3288703	.9795687	4.147377
54	.8391414	1.037223	1.162144	1.256603	.2377057	.3262760	.9718413	4.147377
55	.8365717	1.034502	1.159074	1.249291	.2360381	.3239871	.9650235	4.147377
56	.8575274	1.056750	1.183801	1.243077	.2345886	.3219974	.9590972	4.252271
57	.8786088	1.079131	1.208679	1.237935	.2333532	.3203018	.9540464	4.357164
58	.8998072	1.101636	1.233697	1.233844	.2323287	.3188955	.9498579	4.462058
59	.9211148	1.124257	1.258846	1.230788	.2315123	.3177750	.9465203	4.566952
60	.9425247	1.146986	1.284117	1.228756	.2309020	.3169371	.9440249	4.671845
61	.9640300	1.169815	1.309502	1.227744	.2304959	.3163798	.9423648	4.776740
62	.9856248	1.192740	1.334994	1.227750	.2302932	.3161016	.9415358	4.881633
63	1.007303	1.215754	1.360586	1.228781	.2302932	.3161016	.9415358	4.986526
64	1.029060	1.238850	1.386273	1.230845	.2304959	.3163798	.9423648	5.091421
65	1.050891	1.262025	1.412048	1.233960	.2309020	.3169371	.9440249	5.196314

Table B-95
Victoria 2007 CO Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	77.65544	82.46865	92.54730	79.05740	4.396039	4.881511	36.10833	169.8933
4	60.84261	64.92564	72.99478	72.23135	4.051446	4.498864	33.27791	135.4935
5	50.75491	54.39983	61.26327	66.14003	3.740667	4.153763	30.72522	110.6651
6	44.02977	47.38263	53.44226	60.69578	3.460019	3.842122	28.42002	92.34384
7	39.22611	42.37034	47.85582	55.82234	3.206256	3.560335	26.33566	78.54836
8	35.62335	38.61113	43.66599	51.45327	2.976518	3.305226	24.44862	67.96663
9	32.82122	35.68729	40.40723	47.53062	2.768274	3.073985	22.73814	59.71026
10	30.57951	33.34822	37.80024	44.00372	2.579290	2.864130	21.18586	53.16519
11	28.74538	31.43444	35.66724	40.82825	2.407584	2.673463	19.77550	47.89875
12	27.21694	29.83962	33.88973	37.96536	2.251404	2.500035	18.49266	43.60065
13	25.92365	28.49016	32.38569	35.38097	2.109190	2.342116	17.32454	40.04472
14	24.81511	27.33348	31.09652	33.04513	1.979559	2.198169	16.25977	37.06359
15	23.85437	26.33102	29.97923	30.93147	1.861279	2.066827	15.28824	34.53181
16	23.01373	25.45387	29.00160	29.01678	1.753255	1.946873	14.40094	32.35421
17	22.27199	24.67992	28.13899	27.28056	1.654508	1.837222	13.58986	30.45788
18	21.61266	23.99195	27.37223	25.70471	1.564168	1.736905	12.84781	28.78648
19	21.02274	23.37641	26.68617	24.27324	1.481454	1.645056	12.16842	27.29631
20	20.14532	22.50645	25.69215	22.97195	1.405670	1.560903	11.54594	25.95325
21	19.02604	21.34685	24.35439	21.78832	1.336192	1.483753	10.97526	24.73070
22	18.00851	20.29266	23.13825	20.71119	1.272462	1.412985	10.45179	23.60792
23	17.07946	19.33015	22.02786	19.73067	1.213980	1.348044	9.971428	22.56876
24	16.22784	18.44784	21.00999	18.83796	1.160295	1.288430	9.530468	21.60077
25	15.44434	17.63612	20.07356	18.02526	1.111004	1.233696	9.125601	20.69444
26	14.72111	16.88684	19.20916	17.28561	1.065745	1.183439	8.753851	19.84253
27	14.05146	16.19306	18.40879	16.61281	1.024192	1.137297	8.412542	19.03963
28	13.42964	15.54884	17.66559	16.00137	.9860522	1.094946	8.099268	18.28177
29	12.85070	14.94904	16.97365	15.44637	.9510620	1.056091	7.811865	17.56602
30	12.31036	14.38923	16.32784	14.94347	.9189845	1.020472	7.548386	16.89029
31	11.80487	13.86555	15.72368	14.48877	.8896065	.9878492	7.307081	16.25308
32	11.33098	13.37458	15.15729	14.07886	.8627364	.9580117	7.086374	15.65330
33	10.88582	12.91338	14.62523	13.71067	.8382022	.9307680	6.884853	15.09008
34	10.46683	12.47930	14.12446	13.38151	.8158489	.9059463	6.701248	14.56278
35	10.07179	12.07003	13.65231	13.08903	.7955385	.8833929	6.534422	14.07070
36	9.698702	11.68350	13.20639	12.83113	.7771468	.8629701	6.383356	13.61320
37	9.345775	11.31786	12.78457	12.60602	.7605633	.8445551	6.247140	13.18955
38	9.011424	10.97146	12.38496	12.41213	.7456894	.8280388	6.124969	12.79885
39	8.694220	10.64283	12.00584	12.24814	.7324384	.8133243	6.016128	12.44014
40	8.392874	10.33063	11.64567	12.11294	.7207334	.8003267	5.919985	12.11220
41	8.106228	10.03366	11.30307	12.00561	.7105073	.7889713	5.835989	11.81359
42	7.833234	9.750826	10.97679	11.92544	.7017023	.7791940	5.763666	11.54275
43	7.572935	9.481152	10.66568	11.87190	.6942688	.7709396	5.702609	11.29772
44	7.324470	9.223734	10.36872	11.84463	.6881655	.7641622	5.652476	11.07632
45	7.087047	8.977758	10.08495	11.84344	.6833583	.7588242	5.612991	10.87601
46	6.859945	8.742476	9.813522	11.86834	.6798208	.7548960	5.583935	10.69389
47	6.642509	8.517206	9.553642	11.91948	.6775337	.7523563	5.565150	10.52660
48	6.434133	8.301325	9.304590	11.99721	.6764843	.7511911	5.556530	10.37036
49	6.434133	8.301325	9.304590	12.10204	.6766670	.7513939	5.558030	10.37036
50	6.434133	8.301325	9.304590	12.23468	.6780827	.7529660	5.569659	10.37036
51	6.434133	8.301325	9.304590	12.39600	.6807393	.7559159	5.591479	10.37036
52	6.434133	8.301325	9.304590	12.58712	.6846510	.7602597	5.623610	10.37036
53	6.434133	8.301325	9.304590	12.80934	.6898397	.7660214	5.666229	10.37036
54	6.434133	8.301325	9.304590	13.06418	.6963339	.7732327	5.719570	10.37036
55	6.434133	8.301325	9.304590	13.35344	.7041696	.7819338	5.783932	10.37036
56	7.051885	9.056869	10.10600	13.67917	.7133907	.7921731	5.859674	12.86784
57	7.669638	9.812411	10.90740	14.04370	.7240492	.8040087	5.947220	15.36532
58	8.287392	10.56796	11.70881	14.44971	.7362056	.8175075	6.047070	17.86281
59	8.905144	11.32350	12.51022	14.90019	.7499296	.8327472	6.159797	20.36029
60	9.522896	12.07904	13.31163	15.39856	.7653010	.8498162	6.286056	22.85778
61	10.14065	12.83459	14.11303	15.94865	.7824103	.8688149	6.426587	25.35526
62	10.75840	13.59013	14.91444	16.55477	.8013593	.8898564	6.582232	27.85274
63	11.37615	14.34568	15.71585	17.22177	.8222622	.9130676	6.753925	30.35023
64	11.99391	15.10122	16.51725	17.95510	.8452474	.9385912	6.942721	32.84771
65	12.61166	15.85677	17.31866	18.76089	.8704578	.9665858	7.149796	35.34520

Table B-96
Victoria 2007 NOX Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	1.932117	2.234883	2.640417	3.436088	1.869573	2.105837	13.70809	.8587984
4	1.766012	2.042749	2.413418	3.471645	1.790832	2.017145	13.13074	.8214276
5	1.666348	1.927468	2.277219	3.507202	1.717844	1.934934	12.59558	.7904159
6	1.599906	1.850614	2.186419	3.542759	1.650173	1.858711	12.09940	.7652757
7	1.552447	1.795719	2.121562	3.578316	1.587420	1.788028	11.63929	.7455366
8	1.516854	1.754547	2.072920	3.613873	1.529224	1.722476	11.21258	.7307454
9	1.489169	1.722524	2.035087	3.649430	1.475254	1.661687	10.81686	.7204659
10	1.467022	1.696907	2.004821	3.684987	1.425211	1.605320	10.44994	.7142793
11	1.448901	1.675947	1.980057	3.720543	1.378823	1.553069	10.10981	.7117833
12	1.433801	1.658480	1.959421	3.756100	1.335840	1.504654	9.794647	.7125935
13	1.421023	1.643700	1.941960	3.791657	1.296036	1.459820	9.502795	.7163422
14	1.410071	1.631032	1.926993	3.827214	1.259205	1.418334	9.232742	.7226785
15	1.400579	1.620053	1.914021	3.862771	1.225158	1.379986	8.983109	.7312693
16	1.392274	1.610446	1.902671	3.898328	1.193727	1.344582	8.752645	.7417981
17	1.384946	1.601970	1.892657	3.933885	1.164754	1.311948	8.540215	.7539656
18	1.378432	1.594435	1.883755	3.969442	1.138100	1.281925	8.344780	.7674898
19	1.372604	1.587693	1.875790	4.004998	1.113636	1.254369	8.165401	.7821057
20	1.375775	1.577991	1.864120	4.040555	1.091246	1.229150	8.001235	.7975655
21	1.384677	1.580676	1.866758	4.076113	1.070826	1.206150	7.851511	.8136382
22	1.392769	1.583117	1.869156	4.111670	1.052281	1.185261	7.715536	.8301102
23	1.400158	1.585345	1.871345	4.147225	1.035527	1.166389	7.592690	.8467849
24	1.406932	1.587388	1.873352	4.182783	1.020487	1.149449	7.482418	.8634830
25	1.413163	1.589268	1.875199	4.218340	1.007095	1.134365	7.384225	.8800423
26	1.418915	1.591003	1.876903	4.253897	.9952915	1.121069	7.297677	.8963169
27	1.424241	1.592609	1.878481	4.289454	.9850235	1.109504	7.222391	.9121795
28	1.429186	1.594101	1.879947	4.325010	.9762469	1.099618	7.158040	.9275187
29	1.433790	1.595489	1.881311	4.360568	.9689234	1.091369	7.104342	.9422406
30	1.438088	1.596785	1.882585	4.396125	.9630213	1.084721	7.061067	.9562686
31	1.442108	1.597998	1.883776	4.431682	.9585153	1.079646	7.028028	.9695427
32	1.445877	1.599135	1.884893	4.467238	.9553860	1.076121	7.005083	.9820210
33	1.449417	1.600203	1.885942	4.502795	.9536202	1.074132	6.992136	.9936773
34	1.452750	1.601208	1.886930	4.538352	.9532103	1.073670	6.989130	1.004504
35	1.455891	1.602156	1.887860	4.573909	.9541544	1.074734	6.996053	1.014509
36	1.458858	1.603051	1.888740	4.609466	.9564568	1.077327	7.012934	1.023719
37	1.461665	1.603897	1.889571	4.645022	.9601269	1.081461	7.039844	1.032177
38	1.464325	1.604699	1.890359	4.680579	.9651809	1.087154	7.076900	1.039943
39	1.466847	1.605460	1.891107	4.716136	.9716402	1.094429	7.124261	1.047094
40	1.469244	1.606183	1.891817	4.751693	.9795326	1.103319	7.182131	1.053724
41	1.471524	1.606871	1.892493	4.787250	.9888924	1.113862	7.250758	1.059945
42	1.473695	1.607525	1.893136	4.822807	.9997603	1.126103	7.330444	1.065885
43	1.475765	1.608150	1.893749	4.858364	1.012184	1.140097	7.421535	1.071691
44	1.477741	1.608746	1.894335	4.893921	1.026218	1.155904	7.524437	1.077525
45	1.479630	1.609315	1.894895	4.929478	1.041925	1.173597	7.639606	1.083566
46	1.481436	1.609860	1.895430	4.965035	1.059376	1.193253	7.767560	1.090013
47	1.483165	1.610382	1.895942	5.000592	1.078650	1.214962	7.908879	1.097079
48	1.484822	1.610882	1.896433	5.036148	1.099835	1.238825	8.064213	1.104995
49	1.528421	1.671271	1.967275	5.071706	1.123030	1.264951	8.234282	1.140976
50	1.572019	1.731660	2.038117	5.107262	1.148343	1.293463	8.419884	1.176957
51	1.615618	1.792048	2.108959	5.142819	1.175896	1.324497	8.621904	1.212939
52	1.659216	1.852437	2.179801	5.178376	1.205821	1.358204	8.841318	1.248920
53	1.702814	1.912826	2.250643	5.213933	1.238264	1.394747	9.079201	1.284902
54	1.746413	1.973215	2.321485	5.249490	1.273387	1.434309	9.336730	1.320883
55	1.790011	2.033604	2.392327	5.285046	1.311367	1.477089	9.615210	1.356864
56	1.833609	2.093993	2.463170	5.320603	1.352399	1.523306	9.916063	1.392846
57	1.877208	2.154382	2.534011	5.356160	1.396697	1.573202	10.24087	1.428827
58	1.920806	2.214771	2.604853	5.391717	1.444496	1.627041	10.59133	1.464809
59	1.964405	2.275159	2.675695	5.427274	1.496053	1.685114	10.96936	1.500790
60	2.008003	2.335548	2.746537	5.462831	1.551652	1.747739	11.37703	1.536771
61	2.051601	2.395937	2.817379	5.498388	1.611605	1.815268	11.81661	1.572753
62	2.095200	2.456326	2.888221	5.533945	1.676252	1.888085	12.29062	1.608734
63	2.138798	2.516715	2.959064	5.569501	1.745970	1.966614	12.80180	1.644716
64	2.182397	2.577104	3.029905	5.605059	1.821172	2.051319	13.35320	1.680697
65	2.225995	2.637493	3.100748	5.640615	1.902313	2.142714	13.94814	1.716678

Table B-97
Victoria 2007 EXHS Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	5.630583	6.858086	7.953977	6.717034	1.093297	1.500665	4.469860	12.05228
4	4.399799	5.331568	6.185886	6.131607	1.037981	1.424738	4.243707	9.923937
5	3.661329	4.415657	5.125033	5.606500	.9863322	1.353844	4.032543	8.347585
6	3.169015	3.805049	4.417798	5.134881	.9380780	1.287611	3.835260	7.157763
7	2.817363	3.368901	3.912629	4.710747	.8929702	1.225695	3.650839	6.244155
8	2.553623	3.041790	3.533752	4.328827	.8507797	1.167784	3.478347	5.531607
9	2.348492	2.787370	3.239071	3.984479	.8112962	1.113589	3.316921	4.967875
10	2.184388	2.583834	3.003326	3.673617	.7743261	1.062844	3.165773	4.515945
11	2.050120	2.417305	2.810443	3.392634	.7396915	1.015304	3.024171	4.149130
12	1.938231	2.278531	2.649708	3.138348	.7072281	.9707447	2.891447	3.847867
13	1.843556	2.161106	2.513701	2.907945	.6767847	.9289580	2.766982	3.597595
14	1.762405	2.060457	2.397124	2.698934	.6482220	.8897527	2.650205	3.387321
15	1.692074	1.973227	2.296090	2.509106	.6214113	.8529522	2.540592	3.208643
16	1.630535	1.896901	2.207686	2.336506	.5962340	.8183937	2.437656	3.055064
17	1.576236	1.829555	2.129681	2.179394	.5725805	.7859267	2.340951	2.921514
18	1.527970	1.769691	2.060345	2.036223	.5503494	.7554122	2.250060	2.804004
19	1.484784	1.716129	1.998306	1.905618	.5294471	.7267216	2.164603	2.699382
20	1.425375	1.650809	1.921874	1.786354	.5097871	.6997364	2.084225	2.605152
21	1.361037	1.583420	1.843056	1.677336	.4912893	.6743462	2.008598	2.519334
22	1.302547	1.522156	1.771402	1.577587	.4738796	.6504494	1.937420	2.440362
23	1.249144	1.466220	1.705980	1.486236	.4574892	.6279519	1.870409	2.367009
24	1.200191	1.414946	1.646009	1.402500	.4420545	.6067662	1.807306	2.298324
25	1.155155	1.367773	1.590836	1.325681	.4275166	.5868114	1.747869	2.233575
26	1.113582	1.324229	1.539907	1.255152	.4138209	.5680125	1.691875	2.172223
27	1.075090	1.283911	1.492751	1.190349	.4009165	.5503000	1.639116	2.113872
28	1.039346	1.246472	1.448963	1.130768	.3887565	.5336090	1.589401	2.058249
29	1.006068	1.211615	1.408195	1.075953	.3772972	.5178800	1.542550	2.005182
30	.9750079	1.179082	1.370144	1.025496	.3664981	.5030570	1.498399	1.954567
31	.9459521	1.148648	1.334549	.9790295	.3563214	.4890885	1.456793	1.906370
32	.9187121	1.120116	1.301178	.9362212	.3467324	.4759266	1.417589	1.860585
33	.8931232	1.093314	1.269830	.8967722	.3376984	.4635265	1.380654	1.817242
34	.8690394	1.068088	1.240326	.8604124	.3291894	.4518470	1.345865	1.776390
35	.8463317	1.044303	1.212507	.8268983	.3211773	.4408495	1.313108	1.738080
36	.8248858	1.021840	1.186234	.7960101	.3136361	.4304984	1.282277	1.702368
37	.8045990	1.000591	1.161382	.7675486	.3065415	.4207604	1.253271	1.669294
38	.7853799	.9804606	1.137837	.7413344	.2998712	.4116047	1.226000	1.638899
39	.7671465	.9613625	1.115500	.7172050	.2936044	.4030028	1.200379	1.611193
40	.7498245	.9432191	1.094280	.6950139	.2877216	.3949281	1.176327	1.586167
41	.7333478	.9259607	1.074094	.6746283	.2822049	.3873558	1.153773	1.563785
42	.7176557	.9095242	1.054870	.6559284	.2770376	.3802632	1.132647	1.543979
43	.7026933	.8938523	1.036540	.6388066	.2722044	.3736291	1.112887	1.526649
44	.6884110	.8788927	1.019043	.6231654	.2676910	.3674340	1.094434	1.511641
45	.6747636	.8645979	1.002324	.6089169	.2634842	.3616596	1.077235	1.498768
46	.6617094	.8509247	.9863322	.5959828	.2595718	.3562895	1.061239	1.487779
47	.6492108	.8378334	.9710206	.5842925	.2559426	.3513080	1.046402	1.478361
48	.6372329	.8252873	.9563469	.5737832	.2525864	.3467013	1.032680	1.470143
49	.6372329	.8252873	.9563469	.5643991	.2494936	.3424562	1.020035	1.470143
50	.6372329	.8252873	.9563469	.5560908	.2466556	.3385608	1.008433	1.470143
51	.6372329	.8252873	.9563469	.5488151	.2440647	.3350043	.9978395	1.470143
52	.6372329	.8252873	.9563469	.5425345	.2417135	.3317772	.9882271	1.470143
53	.6372329	.8252873	.9563469	.5372168	.2395958	.3288703	.9795687	1.470143
54	.6372329	.8252873	.9563469	.5328350	.2377057	.3262760	.9718413	1.470143
55	.6372329	.8252873	.9563469	.5293669	.2360381	.3239871	.9650235	1.470143
56	.6606234	.8501128	.9839826	.5267951	.2345886	.3219974	.9590972	1.575036
57	.6840140	.8749384	1.011618	.5251068	.2333532	.3203018	.9540464	1.679930
58	.7074045	.8997637	1.039254	.5242935	.2323287	.3188955	.9498579	1.784824
59	.7307950	.9245893	1.066890	.5243512	.2315123	.3177750	.9465203	1.889717
60	.7541854	.9494148	1.094526	.5252801	.2309020	.3169371	.9440249	1.994611
61	.7775761	.9742402	1.122162	.5270849	.2304959	.3163798	.9423648	2.099505
62	.8009666	.9990656	1.149798	.5297747	.2302932	.3161016	.9415358	2.204398
63	.8243570	1.023891	1.177433	.5333627	.2302932	.3161016	.9415358	2.309292
64	.8477476	1.048717	1.205069	.5378672	.2304959	.3163798	.9423648	2.414186
65	.8711382	1.073542	1.232705	.5433108	.2309020	.3169371	.9440249	2.519080

Table B-98
Victoria 2007 RNLS Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3	3.691836	3.862444	4.326062	5.405524	.0000000	.0000000	.0000000	.0000000
4	2.147799	2.237926	2.498226	3.115690	.0000000	.0000000	.0000000	.0000000
5	1.420115	1.474058	1.640338	2.042085	.0000000	.0000000	.0000000	.0000000
6	1.017802	1.052667	1.167922	1.451474	.0000000	.0000000	.0000000	.0000000
7	.7709966	.7947042	.8792222	1.090897	.0000000	.0000000	.0000000	.0000000
8	.6770413	.6951835	.7680234	.9536718	.0000000	.0000000	.0000000	.0000000
9	.6097064	.6235582	.6882627	.8560367	.0000000	.0000000	.0000000	.0000000
10	.5540354	.5643071	.6225181	.7760259	.0000000	.0000000	.0000000	.0000000
11	.5068473	.5140557	.5669670	.7088327	.0000000	.0000000	.0000000	.0000000
12	.4660214	.4705541	.5190611	.6512530	.0000000	.0000000	.0000000	.0000000
13	.4300896	.4322445	.4770362	.6010680	.0000000	.0000000	.0000000	.0000000
14	.3980032	.3980145	.4396319	.5566933	.0000000	.0000000	.0000000	.0000000
15	.3689929	.3670481	.4059243	.5169669	.0000000	.0000000	.0000000	.0000000
16	.3424821	.3387335	.3752201	.4810172	.0000000	.0000000	.0000000	.0000000
17	.3180298	.3126025	.3469895	.4481778	.0000000	.0000000	.0000000	.0000000
18	.2952929	.2882915	.3208201	.4179301	.0000000	.0000000	.0000000	.0000000
19	.2740003	.2655128	.2963865	.3898650	.0000000	.0000000	.0000000	.0000000
20	.2569425	.2476552	.2770194	.3668284	.0000000	.0000000	.0000000	.0000000
21	.2454476	.2363415	.2643039	.3501418	.0000000	.0000000	.0000000	.0000000
22	.2348617	.2259921	.2526805	.3348286	.0000000	.0000000	.0000000	.0000000
23	.2250661	.2164812	.2420069	.3207096	.0000000	.0000000	.0000000	.0000000
24	.2159620	.2077040	.2321643	.3076356	.0000000	.0000000	.0000000	.0000000
25	.2074665	.1995724	.2230530	.2954811	.0000000	.0000000	.0000000	.0000000
26	.1995094	.1920120	.2145886	.2841401	.0000000	.0000000	.0000000	.0000000
27	.1920309	.1849592	.2066992	.2735221	.0000000	.0000000	.0000000	.0000000
28	.1849796	.1783598	.1993233	.2635497	.0000000	.0000000	.0000000	.0000000
29	.1783113	.1721667	.1924077	.2541562	.0000000	.0000000	.0000000	.0000000
30	.1719878	.1663394	.1859064	.2452835	.0000000	.0000000	.0000000	.0000000
31	.1659758	.1608425	.1797793	.2368814	.0000000	.0000000	.0000000	.0000000
32	.1602459	.1556450	.1739912	.2289057	.0000000	.0000000	.0000000	.0000000
33	.1547726	.1507196	.1685115	.2213176	.0000000	.0000000	.0000000	.0000000
34	.1495332	.1460424	.1633128	.2140830	.0000000	.0000000	.0000000	.0000000
35	.1445076	.1415921	.1583712	.2071716	.0000000	.0000000	.0000000	.0000000
36	.1396781	.1373498	.1536651	.2005563	.0000000	.0000000	.0000000	.0000000
37	.1350287	.1332985	.1491754	.1942133	.0000000	.0000000	.0000000	.0000000
38	.1305453	.1294234	.1448852	.1881209	.0000000	.0000000	.0000000	.0000000
39	.1262150	.1257107	.1407790	.1822600	.0000000	.0000000	.0000000	.0000000
40	.1220264	.1221483	.1368430	.1766131	.0000000	.0000000	.0000000	.0000000
41	.1179691	.1187252	.1330649	.1711647	.0000000	.0000000	.0000000	.0000000
42	.1140337	.1154315	.1294332	.1659004	.0000000	.0000000	.0000000	.0000000
43	.1102117	.1122581	.1259379	.1608076	.0000000	.0000000	.0000000	.0000000
44	.1064955	.1091968	.1225695	.1558745	.0000000	.0000000	.0000000	.0000000
45	.1028778	.1062402	.1193197	.1510903	.0000000	.0000000	.0000000	.0000000
46	.0993524	.1033814	.1161807	.1464456	.0000000	.0000000	.0000000	.0000000
47	.0959133	.1006141	.1131454	.1419312	.0000000	.0000000	.0000000	.0000000
48	.0925117	.0977993	.1100477	.1374103	.0000000	.0000000	.0000000	.0000000
49	.0888784	.0939518	.1057046	.1319689	.0000000	.0000000	.0000000	.0000000
50	.0854589	.0903307	.1016174	.1268485	.0000000	.0000000	.0000000	.0000000
51	.0822366	.0869187	.0977664	.1220242	.0000000	.0000000	.0000000	.0000000
52	.0791965	.0836997	.0941335	.1174737	.0000000	.0000000	.0000000	.0000000
53	.0763252	.0806596	.0907027	.1131765	.0000000	.0000000	.0000000	.0000000
54	.0736102	.0777851	.0874591	.1091141	.0000000	.0000000	.0000000	.0000000
55	.0710405	.0750645	.0843892	.1052697	.0000000	.0000000	.0000000	.0000000
56	.0686058	.0724868	.0814809	.1016277	.0000000	.0000000	.0000000	.0000000
57	.0662966	.0700423	.0787230	.0981743	.0000000	.0000000	.0000000	.0000000
58	.0641046	.0677217	.0761052	.0948967	.0000000	.0000000	.0000000	.0000000
59	.0620218	.0655170	.0736181	.0917829	.0000000	.0000000	.0000000	.0000000
60	.0600411	.0634203	.0712532	.0888223	.0000000	.0000000	.0000000	.0000000
61	.0581559	.0614249	.0690024	.0860049	.0000000	.0000000	.0000000	.0000000
62	.0563601	.0595241	.0668587	.0833215	.0000000	.0000000	.0000000	.0000000
63	.0546481	.0577121	.0648152	.0807639	.0000000	.0000000	.0000000	.0000000
64	.0530147	.0559833	.0628658	.0783242	.0000000	.0000000	.0000000	.0000000
65	.0514552	.0543329	.0610048	.0759952	.0000000	.0000000	.0000000	.0000000

Table B-99
Victoria 2007 RSTL, CC, and HTSK Emission Rates for Time Period 4

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.0322230	.0338813	.0271632	.0435916	.0000000	.0000000	.0000000	.6021678
--	.0079919	.0090007	.0094034	.0106752	.0000000	.0000000	.0000000	.0000000
--	.0880832	.0912684	.0817711	.5603874	.0000000	.0000000	.0000000	2.075067

Table B-100
Victoria 2007 Diurnal Emission Rates

Speed	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
--	.1239471	.1510158	.1268245	.3507757	.0000000	.0000000	.0000000	2.597090

APPENDIX C

VICTORIA SUMALL OUTPUT TABLES

Provided in this appendix are SUMALL program output tables showing the following for each assignment:

- Vehicle miles of travel cross-classified by vehicle type and roadway type
- Vehicle hours of travel cross-classified by vehicle type and roadway type
- Average operational speeds weighted by VMT cross-classified by vehicle type and roadway type
- Pounds of VOC pollution cross-classified by vehicle type and roadway type
- Pounds of CO pollution cross-classified by vehicle type and roadway type
- Pounds of NOx pollution cross-classified by vehicle type and roadway type

Table C-1
VICTORIA 1993 TRIPS ON 1993 NETWORK - COAST
24-HOUR

VEHICLE MILES OF TRAVEL

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	304890.79	84606.46	42602.13	17026.19	2452.50	973.34	24029.23	2422.42	479003.07
I. H. & FREEWAY	26929.27	7472.81	3762.80	1503.83	216.62	85.97	2122.37	213.96	42307.61
DIV. & UNDIV. HWY	343416.86	95297.36	47985.35	19177.63	2762.40	1096.33	27065.57	2728.52	539530.01
DIVIDED ART.	247190.25	68594.70	34539.68	13803.99	1988.36	789.13	19481.70	1963.98	388351.80
UNDIVIDED ART.	394189.25	109386.57	55079.73	22012.94	3170.80	1258.41	31067.07	3131.91	619296.69
TOTALS	1316616.42	365357.90	183969.69	73524.58	10590.68	4203.18	103765.95	10460.78	2068489.18

VEHICLE HOURS

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	7847.134	2177.561	1096.473	438.212	63.121	25.051	618.453	62.347	12328.352
I. H. & FREEWAY	434.325	120.524	60.688	24.254	3.494	1.387	34.230	3.451	682.353
DIV. & UNDIV. HWY	7117.533	1975.098	994.527	397.469	57.252	22.722	560.951	56.550	11182.103
DIVIDED ART.	5767.459	1600.456	805.882	322.076	46.393	18.412	454.548	45.824	9061.050
UNDIVIDED ART.	9042.719	2509.333	1263.531	504.978	72.738	28.868	712.680	71.846	14206.694
TOTALS	30209.171	8382.973	4221.102	1686.988	242.998	96.440	2380.863	240.018	47460.553

AVERAGE OPERATIONAL SPEED WEIGHTED BY VMT

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
LOCAL (CENT. CONN.)	45.80	45.80	45.80	45.80	45.80	45.80	45.80	45.80
I. H. & FREEWAY	62.08	62.08	62.08	62.08	62.08	62.08	62.08	62.08
DIV. & UNDIV. HWY	51.29	51.29	51.29	51.29	51.29	51.29	51.29	51.29
DIVIDED ART.	44.68	44.68	44.68	44.68	44.68	44.68	44.68	44.68
UNDIVIDED ART.	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10

Table C-2
VICTORIA 1993 TRIPS ON 1993 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1326.7	460.2	245.4	191.0	2.4	1.4	100.1	42.8	2370.0
I. H. & FREEWAY	119.0	44.1	23.4	13.8	0.2	0.1	6.8	4.0	211.3
DIV. & UNDIV. HWY	1335.9	474.7	252.4	188.3	2.3	1.3	95.5	47.3	2397.7
DIVIDED ART.	1001.1	349.9	186.4	142.9	1.8	1.0	74.9	34.0	1792.1
UNDIVIDED ART.	1616.3	567.0	302.0	227.2	2.9	1.6	118.8	54.7	2890.6
TOTALS	5399.0	1895.9	1009.6	763.1	9.5	5.5	396.2	182.9	9661.7

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	10784.7	3892.8	2080.3	2410.8	5.6	2.6	453.1	80.8	19710.8
I. H. & FREEWAY	1677.6	678.7	365.8	229.5	0.5	0.2	37.4	13.9	3003.5
DIV. & UNDIV. HWY	11515.5	4301.2	2304.2	2400.3	5.4	2.5	438.1	83.2	21050.4
DIVIDED ART.	8062.4	2939.1	1573.4	1652.5	3.9	1.8	317.1	57.6	14607.8
UNDIVIDED ART.	13750.1	5074.3	2718.0	2730.0	6.4	2.9	515.3	100.5	24897.6
TOTALS	45790.3	16886.2	9041.7	9423.0	21.8	10.1	1761.0	335.9	83270.1

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1507.6	493.8	259.7	244.6	10.1	4.7	1188.3	6.3	3715.0
I. H. & FREEWAY	176.4	58.1	30.8	24.1	1.2	0.6	142.1	0.7	433.8
DIV. & UNDIV. HWY	1740.4	573.1	301.3	286.3	11.6	5.3	1361.0	7.4	4286.5
DIVIDED ART.	1115.9	367.2	192.3	196.7	7.4	3.4	866.3	4.8	2754.0
UNDIVIDED ART.	1870.8	615.5	322.9	316.9	12.3	5.7	1449.8	8.0	4601.8
TOTALS	6411.0	2107.7	1107.0	1068.5	42.7	19.6	5007.5	27.2	15791.2

Table C-3
VICTORIA 1996 TRIPS ON 1996 NETWORK - COAST
24-HOUR
VEHICLE MILES OF TRAVEL

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	313541.29	92847.36	45324.69	17896.45	1441.12	683.69	27104.35	2366.74	501205.70
I. H. & FREEWAY	27862.69	8250.84	4027.76	1590.36	128.06	60.76	2408.62	210.32	44539.40
DIV. & UNDIV. HWY	349516.29	103500.45	50525.14	19949.85	1606.47	762.14	30214.25	2638.30	558712.88
DIVIDED ART.	257242.98	76176.04	37186.36	14683.03	1182.36	560.93	22237.60	1941.78	411211.07
UNDIVIDED ART.	404322.30	119729.88	58447.75	23078.09	1858.37	881.65	34952.00	3052.00	646322.03
TOTALS	1352485.54	400504.56	195511.68	77197.79	6216.37	2949.17	116916.81	10209.14	2161991.08

VEHICLE HOURS

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	8070.126	2389.765	1166.596	460.630	37.092	17.597	697.629	60.917	12900.352
I. H. & FREEWAY	449.653	133.153	65.001	25.665	2.067	0.980	38.871	3.394	718.784
DIV. & UNDIV. HWY	7275.449	2154.441	1051.719	415.271	33.440	15.865	628.933	54.918	11630.036
DIVIDED ART.	6055.310	1793.128	875.339	345.628	27.832	13.204	523.457	45.708	9679.606
UNDIVIDED ART.	9316.551	2758.862	1346.776	531.774	42.821	20.315	805.377	70.325	14892.802
TOTALS	31167.089	9229.349	4505.431	1778.969	143.252	67.962	2694.267	235.263	49821.581

AVERAGE OPERATIONAL SPEED WEIGHTED BY VMT

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
LOCAL (CENT. CONN.)	45.79	45.79	45.79	45.79	45.79	45.79	45.79	45.79
I. H. & FREEWAY	62.05	62.05	62.05	62.05	62.05	62.05	62.05	62.05
DIV. & UNDIV. HWY	51.15	51.15	51.15	51.15	51.15	51.15	51.15	51.15
DIVIDED ART.	44.38	44.38	44.38	44.38	44.38	44.38	44.38	44.38
UNDIVIDED ART.	45.92	45.92	45.92	45.92	45.92	45.92	45.92	45.92

Table C-4
VICTORIA 1996 TRIPS ON 1996 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1167.9	422.5	219.6	162.1	1.4	1.0	95.0	40.2	2109.7
I. H. & FREEWAY	100.7	38.8	20.3	11.8	0.1	0.1	6.5	3.8	182.1
DIV. & UNDIV. HWY	1157.0	429.3	222.7	159.1	1.3	0.9	90.0	44.1	2104.5
DIVIDED ART.	895.3	326.5	169.5	123.7	1.1	0.7	72.5	32.5	1621.7
UNDIVIDED ART.	1417.2	518.5	269.4	193.3	1.7	1.1	112.9	51.4	2565.4
TOTALS	4738.1	1735.5	901.6	650.0	5.6	3.8	376.9	171.9	8583.5

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	9092.2	3460.3	1855.7	1828.0	3.3	1.8	472.0	78.9	16792.2
I. H. & FREEWAY	1267.4	541.5	294.7	174.9	0.3	0.2	39.1	13.6	2331.6
DIV. & UNDIV. HWY	9317.9	3668.8	1985.3	1804.0	3.2	1.7	452.9	80.5	17314.4
DIVIDED ART.	6835.5	2630.7	1418.2	1271.0	2.4	1.3	335.9	57.2	12552.1
UNDIVIDED ART.	11341.8	4413.5	2380.9	2065.5	3.8	2.1	536.4	98.1	20842.0
TOTALS	37854.8	14714.7	7934.8	7143.4	12.9	7.0	1836.4	328.3	69832.4

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1449.4	494.0	266.5	244.6	5.8	3.1	1099.0	6.1	3568.6
I. H. & FREEWAY	167.1	57.8	31.3	24.2	0.7	0.4	132.0	0.7	414.2
DIV. & UNDIV. HWY	1650.6	563.4	303.9	283.2	6.6	3.6	1244.0	7.2	4062.3
DIVIDED ART.	1090.8	369.7	199.0	198.7	4.3	2.3	808.1	4.7	2677.6
UNDIVIDED ART.	1798.3	611.5	329.5	315.8	7.1	3.8	1334.2	7.8	4407.9
TOTALS	6156.0	2096.3	1130.3	1066.4	24.5	13.2	4617.3	26.5	15130.6

Table C-4
VICTORIA 1996 TRIPS ON 1996 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1167.9	422.5	219.6	162.1	1.4	1.0	95.0	40.2	2109.7
I. H. & FREEWAY	100.7	38.8	20.3	11.8	0.1	0.1	6.5	3.8	182.1
DIV. & UNDIV. HWY	1157.0	429.3	222.7	159.1	1.3	0.9	90.0	44.1	2104.5
DIVIDED ART.	895.3	326.5	169.5	123.7	1.1	0.7	72.5	32.5	1621.7
UNDIVIDED ART.	1417.2	518.5	269.4	193.3	1.7	1.1	112.9	51.4	2565.4
TOTALS	4738.1	1735.5	901.6	650.0	5.6	3.8	376.9	171.9	8583.5

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	9092.2	3460.3	1855.7	1828.0	3.3	1.8	472.0	78.9	16792.2
I. H. & FREEWAY	1267.4	541.5	294.7	174.9	0.3	0.2	39.1	13.6	2331.6
DIV. & UNDIV. HWY	9317.9	3668.8	1985.3	1804.0	3.2	1.7	452.9	80.5	17314.4
DIVIDED ART.	6835.5	2630.7	1418.2	1271.0	2.4	1.3	335.9	57.2	12552.1
UNDIVIDED ART.	11341.8	4413.5	2380.9	2065.5	3.8	2.1	536.4	98.1	20842.0
TOTALS	37854.8	14714.7	7934.8	7143.4	12.9	7.0	1836.4	328.3	69832.4

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1449.4	494.0	266.5	244.6	5.8	3.1	1099.0	6.1	3568.6
I. H. & FREEWAY	167.1	57.8	31.3	24.2	0.7	0.4	132.0	0.7	414.2
DIV. & UNDIV. HWY	1650.6	563.4	303.9	283.2	6.6	3.6	1244.0	7.2	4062.3
DIVIDED ART.	1090.8	369.7	199.0	198.7	4.3	2.3	808.1	4.7	2677.6
UNDIVIDED ART.	1798.3	611.5	329.5	315.8	7.1	3.8	1334.2	7.8	4407.9
TOTALS	6156.0	2096.3	1130.3	1066.4	24.5	13.2	4617.3	26.5	15130.6

Table C-1
VICTORIA 1993 TRIPS ON 1993 NETWORK - COAST
24-HOUR

VEHICLE MILES OF TRAVEL

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	304890.79	84606.46	42602.13	17026.19	2452.50	973.34	24029.23	2422.42	479003.07
I. H. & FREEWAY	26929.27	7472.81	3762.80	1503.83	216.62	85.97	2122.37	213.96	42307.61
DIV. & UNDIV. HWY	343416.86	95297.36	47985.35	19177.63	2762.40	1096.33	27065.57	2728.52	539530.01
DIVIDED ART.	247190.25	68594.70	34539.68	13803.99	1988.36	789.13	19481.70	1963.98	388351.80
UNDIVIDED ART.	394189.25	109386.57	55079.73	22012.94	3170.80	1258.41	31067.07	3131.91	619296.69
TOTALS	1316616.42	365357.90	183969.69	73524.58	10590.68	4203.18	103765.95	10460.78	2068489.18

VEHICLE HOURS

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	7847.134	2177.561	1096.473	438.212	63.121	25.051	618.453	62.347	12328.352
I. H. & FREEWAY	434.325	120.524	60.688	24.254	3.494	1.387	34.230	3.451	682.353
DIV. & UNDIV. HWY	7117.533	1975.098	994.527	397.469	57.252	22.722	560.951	56.550	11182.103
DIVIDED ART.	5767.459	1600.456	805.882	322.076	46.393	18.412	454.548	45.824	9061.050
UNDIVIDED ART.	9042.719	2509.333	1263.531	504.978	72.738	28.868	712.680	71.846	14206.694
TOTALS	30209.171	8382.973	4221.102	1686.988	242.998	96.440	2380.863	240.018	47460.553

AVERAGE OPERATIONAL SPEED WEIGHTED BY VMT

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
LOCAL (CENT. CONN.)	45.80	45.80	45.80	45.80	45.80	45.80	45.80	45.80
I. H. & FREEWAY	62.08	62.08	62.08	62.08	62.08	62.08	62.08	62.08
DIV. & UNDIV. HWY	51.29	51.29	51.29	51.29	51.29	51.29	51.29	51.29
DIVIDED ART.	44.68	44.68	44.68	44.68	44.68	44.68	44.68	44.68
UNDIVIDED ART.	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10

Table C-4
VICTORIA 1996 TRIPS ON 1996 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1167.9	422.5	219.6	162.1	1.4	1.0	95.0	40.2	2109.7
I. H. & FREEWAY	100.7	38.8	20.3	11.8	0.1	0.1	6.5	3.8	182.1
DIV. & UNDIV. HWY	1157.0	429.3	222.7	159.1	1.3	0.9	90.0	44.1	2104.5
DIVIDED ART.	895.3	326.5	169.5	123.7	1.1	0.7	72.5	32.5	1621.7
UNDIVIDED ART.	1417.2	518.5	269.4	193.3	1.7	1.1	112.9	51.4	2565.4
TOTALS	4738.1	1735.5	901.6	650.0	5.6	3.8	376.9	171.9	8583.5

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	9092.2	3460.3	1855.7	1828.0	3.3	1.8	472.0	78.9	16792.2
I. H. & FREEWAY	1267.4	541.5	294.7	174.9	0.3	0.2	39.1	13.6	2331.6
DIV. & UNDIV. HWY	9317.9	3668.8	1985.3	1804.0	3.2	1.7	452.9	80.5	17314.4
DIVIDED ART.	6835.5	2630.7	1418.2	1271.0	2.4	1.3	335.9	57.2	12552.1
UNDIVIDED ART.	11341.8	4413.5	2380.9	2065.5	3.8	2.1	536.4	98.1	20842.0
TOTALS	37854.8	14714.7	7934.8	7143.4	12.9	7.0	1836.4	328.3	69832.4

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1449.4	494.0	266.5	244.6	5.8	3.1	1099.0	6.1	3568.6
I. H. & FREEWAY	167.1	57.8	31.3	24.2	0.7	0.4	132.0	0.7	414.2
DIV. & UNDIV. HWY	1650.6	563.4	303.9	283.2	6.6	3.6	1244.0	7.2	4062.3
DIVIDED ART.	1090.8	369.7	199.0	198.7	4.3	2.3	808.1	4.7	2677.6
UNDIVIDED ART.	1798.3	611.5	329.5	315.8	7.1	3.8	1334.2	7.8	4407.9
TOTALS	6156.0	2096.3	1130.3	1066.4	24.5	13.2	4617.3	26.5	15130.6

Table C-6
VICTORIA 1999 TRIPS ON 1996 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1105.6	407.3	203.8	132.0	0.7	0.7	94.3	39.4	1983.9
I. H. & FREEWAY	93.3	36.2	18.1	9.7	0.1	0.1	6.5	3.7	167.6
DIV. & UNDIV. HWY	1071.6	404.3	201.7	127.6	0.7	0.7	88.0	42.4	1937.0
DIVIDED ART.	779.9	289.9	144.8	92.8	0.5	0.5	66.1	29.5	1404.1
UNDIVIDED ART.	1398.2	519.5	259.9	164.6	0.9	0.9	117.0	51.8	2512.8
TOTALS	4448.7	1657.1	828.3	526.7	2.9	2.9	371.9	166.9	8005.4

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	8264.6	3200.9	1672.5	1316.2	1.8	1.5	503.8	78.3	15039.6
I. H. & FREEWAY	1023.6	440.2	229.6	126.9	0.2	0.1	42.1	13.5	1876.3
DIV. & UNDIV. HWY	7959.0	3192.9	1677.5	1280.6	1.7	1.4	476.7	78.8	14668.6
DIVIDED ART.	5613.3	2208.0	1159.9	845.7	1.2	1.0	330.1	52.3	10211.4
UNDIVIDED ART.	10504.1	4145.1	2175.8	1551.5	2.2	1.8	600.5	102.7	19083.6
TOTALS	33364.6	13187.1	6915.4	5120.9	7.1	5.7	1953.2	325.5	60879.5

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1371.9	489.6	265.4	243.0	3.0	2.4	1018.4	6.0	3399.7
I. H. & FREEWAY	156.9	57.3	31.1	24.3	0.4	0.3	123.6	0.7	394.7
DIV. & UNDIV. HWY	1530.5	545.2	295.3	275.8	3.3	2.7	1131.1	7.0	3790.8
DIVIDED ART.	970.9	342.3	185.3	183.4	2.0	1.6	696.4	4.4	2386.2
UNDIVIDED ART.	1740.1	616.4	333.8	319.8	3.7	3.0	1260.8	7.8	4285.2
TOTALS	5770.4	2050.8	1110.8	1046.2	12.3	9.9	4230.3	25.8	14256.5

Table C-7
VICTORIA 2007 TRIPS ON 2006 NETWORK - COAST
24-HOUR

VEHICLE MILES OF TRAVEL

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	348427.91	117572.55	54830.03	21391.67	994.44	1404.90	38961.71	2206.14	585789.34
I. H. & FREEWAY	30884.02	10421.42	4860.03	1896.12	88.14	124.53	3453.50	195.55	51923.31
DIV. & UNDIV. HWY	532653.48	179737.11	83820.51	32702.16	1520.23	2147.71	59562.08	3372.60	895515.89
DIVIDED ART.	224687.98	75818.09	35357.81	13794.68	641.27	905.97	25124.93	1422.66	377753.39
UNDIVIDED ART.	352103.11	118812.70	55408.38	21617.31	1004.92	1419.72	39372.67	2229.41	591968.22
TOTALS	1488756.51	502361.87	234276.77	91401.94	4249.01	6002.82	166474.89	9426.36	2502950.15

VEHICLE HOURS

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	9126.538	3079.634	1436.189	560.322	26.048	36.799	1020.543	57.786	15343.858
I. H. & FREEWAY	498.972	168.372	78.520	30.634	1.424	2.012	55.796	3.159	838.890
DIV. & UNDIV. HWY	11476.899	3872.733	1806.051	704.622	32.756	46.276	1283.363	72.668	19295.369
DIVIDED ART.	5306.061	1790.462	834.983	325.765	15.144	21.395	593.331	33.596	8920.737
UNDIVIDED ART.	8533.518	2879.527	1342.869	523.914	24.355	34.408	954.230	54.032	14346.853
TOTALS	34941.987	11790.727	5498.613	2145.257	99.727	140.890	3907.263	221.242	58745.706

AVERAGE OPERATIONAL SPEED WEIGHTED BY VMT

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE							
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
LOCAL (CENT. CONN.)	45.11	45.11	45.11	45.11	45.11	45.11	45.11	45.11
I. H. & FREEWAY	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99
DIV. & UNDIV. HWY	50.92	50.92	50.92	50.92	50.92	50.92	50.92	50.92
DIVIDED ART.	44.06	44.06	44.06	44.06	44.06	44.06	44.06	44.06
UNDIVIDED ART.	43.70	43.70	43.70	43.70	43.70	43.70	43.70	43.70

Table C-8
VICTORIA 2007 TRIPS ON 2006 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	963.6	385.8	197.0	102.4	0.7	1.3	106.5	37.2	1794.5
I. H. & FREEWAY	77.5	31.6	16.0	7.3	0.0	0.1	7.2	3.5	143.1
DIV. & UNDIV. HWY	1297.8	531.3	269.4	138.2	0.9	1.7	139.3	56.1	2434.7
DIVIDED ART.	571.3	231.2	117.6	60.7	0.4	0.8	63.2	23.6	1068.6
UNDIVIDED ART.	916.4	369.7	188.2	96.8	0.6	1.2	101.2	37.2	1711.3
TOTALS	3826.5	1549.6	788.2	405.3	2.6	5.1	417.4	157.5	7152.2

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	7387.6	3010.8	1585.2	762.0	1.9	3.0	606.7	74.6	13431.6
I. H. & FREEWAY	715.8	306.0	156.6	72.2	0.2	0.2	49.7	12.5	1313.3
DIV. & UNDIV. HWY	9231.7	3915.6	2043.7	1054.9	2.5	4.0	812.9	108.2	17173.4
DIVIDED ART.	4054.8	1695.9	889.9	413.1	1.0	1.6	335.6	41.9	7434.0
UNDIVIDED ART.	6690.7	2779.8	1458.9	667.4	1.7	2.6	541.8	69.9	12212.8
TOTALS	28080.6	11708.1	6134.2	2969.7	7.3	11.4	2346.7	307.1	51565.2

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1286.0	491.5	269.9	232.9	2.7	4.2	766.0	5.6	3058.7
I. H. & FREEWAY	142.4	56.2	30.8	23.1	0.3	0.5	92.3	0.7	346.3
DIV. & UNDIV. HWY	2018.5	768.0	421.5	371.0	4.2	6.7	1206.7	9.2	4805.7
DIVIDED ART.	777.3	290.6	159.6	149.0	1.5	2.5	442.7	3.4	1826.7
UNDIVIDED ART.	1229.8	461.7	253.5	233.0	2.5	3.9	704.0	5.4	2893.8
TOTALS	5454.0	2068.0	1135.4	1009.0	11.2	17.8	3211.7	24.4	12931.3

Table C-1
VICTORIA 1993 TRIPS ON 1993 NETWORK - COAST
24-HOUR

VEHICLE MILES OF TRAVEL

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	304890.79	84606.46	42602.13	17026.19	2452.50	973.34	24029.23	2422.42	479003.07
I. H. & FREEWAY	26929.27	7472.81	3762.80	1503.83	216.62	85.97	2122.37	213.96	42307.61
DIV. & UNDIV. HWY	343416.86	95297.36	47985.35	19177.63	2762.40	1096.33	27065.57	2728.52	539530.01
DIVIDED ART.	247190.25	68594.70	34539.68	13803.99	1988.36	789.13	19481.70	1963.98	388351.80
UNDIVIDED ART.	394189.25	109386.57	55079.73	22012.94	3170.80	1258.41	31067.07	3131.91	619296.69
TOTALS	1316616.42	365357.90	183969.69	73524.58	10590.68	4203.18	103765.95	10460.78	2068489.18

VEHICLE HOURS

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	7847.134	2177.561	1096.473	438.212	63.121	25.051	618.453	62.347	12328.352
I. H. & FREEWAY	434.325	120.524	60.688	24.254	3.494	1.387	34.230	3.451	682.353
DIV. & UNDIV. HWY	7117.533	1975.098	994.527	397.469	57.252	22.722	560.951	56.550	11182.103
DIVIDED ART.	5767.459	1600.456	805.882	322.076	46.393	18.412	454.548	45.824	9061.050
UNDIVIDED ART.	9042.719	2509.333	1263.531	504.978	72.738	28.868	712.680	71.846	14206.694
TOTALS	30209.171	8382.973	4221.102	1686.988	242.998	96.440	2380.863	240.018	47460.553

AVERAGE OPERATIONAL SPEED WEIGHTED BY VMT

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
LOCAL (CENT. CONN.)	45.80	45.80	45.80	45.80	45.80	45.80	45.80	45.80
I. H. & FREEWAY	62.08	62.08	62.08	62.08	62.08	62.08	62.08	62.08
DIV. & UNDIV. HWY	51.29	51.29	51.29	51.29	51.29	51.29	51.29	51.29
DIVIDED ART.	44.68	44.68	44.68	44.68	44.68	44.68	44.68	44.68
UNDIVIDED ART.	46.10	46.10	46.10	46.10	46.10	46.10	46.10	46.10

Table C-4
VICTORIA 1996 TRIPS ON 1996 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1167.9	422.5	219.6	162.1	1.4	1.0	95.0	40.2	2109.7
I. H. & FREEWAY	100.7	38.8	20.3	11.8	0.1	0.1	6.5	3.8	182.1
DIV. & UNDIV. HWY	1157.0	429.3	222.7	159.1	1.3	0.9	90.0	44.1	2104.5
DIVIDED ART.	895.3	326.5	169.5	123.7	1.1	0.7	72.5	32.5	1621.7
UNDIVIDED ART.	1417.2	518.5	269.4	193.3	1.7	1.1	112.9	51.4	2565.4
TOTALS	4738.1	1735.5	901.6	650.0	5.6	3.8	376.9	171.9	8583.5

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	9092.2	3460.3	1855.7	1828.0	3.3	1.8	472.0	78.9	16792.2
I. H. & FREEWAY	1267.4	541.5	294.7	174.9	0.3	0.2	39.1	13.6	2331.6
DIV. & UNDIV. HWY	9317.9	3668.8	1985.3	1804.0	3.2	1.7	452.9	80.5	17314.4
DIVIDED ART.	6835.5	2630.7	1418.2	1271.0	2.4	1.3	335.9	57.2	12552.1
UNDIVIDED ART.	11341.8	4413.5	2380.9	2065.5	3.8	2.1	536.4	98.1	20842.0
TOTALS	37854.8	14714.7	7934.8	7143.4	12.9	7.0	1836.4	328.3	69832.4

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1449.4	494.0	266.5	244.6	5.8	3.1	1099.0	6.1	3568.6
I. H. & FREEWAY	167.1	57.8	31.3	24.2	0.7	0.4	132.0	0.7	414.2
DIV. & UNDIV. HWY	1650.6	563.4	303.9	283.2	6.6	3.6	1244.0	7.2	4062.3
DIVIDED ART.	1090.8	369.7	199.0	198.7	4.3	2.3	808.1	4.7	2677.6
UNDIVIDED ART.	1798.3	611.5	329.5	315.8	7.1	3.8	1334.2	7.8	4407.9
TOTALS	6156.0	2096.3	1130.3	1066.4	24.5	13.2	4617.3	26.5	15130.6

Table C-6
VICTORIA 1999 TRIPS ON 1996 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1105.6	407.3	203.8	132.0	0.7	0.7	94.3	39.4	1983.9
I. H. & FREEWAY	93.3	36.2	18.1	9.7	0.1	0.1	6.5	3.7	167.6
DIV. & UNDIV. HWY	1071.6	404.3	201.7	127.6	0.7	0.7	88.0	42.4	1937.0
DIVIDED ART.	779.9	289.9	144.8	92.8	0.5	0.5	66.1	29.5	1404.1
UNDIVIDED ART.	1398.2	519.5	259.9	164.6	0.9	0.9	117.0	51.8	2512.8
TOTALS	4448.7	1657.1	828.3	526.7	2.9	2.9	371.9	166.9	8005.4

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	8264.6	3200.9	1672.5	1316.2	1.8	1.5	503.8	78.3	15039.6
I. H. & FREEWAY	1023.6	440.2	229.6	126.9	0.2	0.1	42.1	13.5	1876.3
DIV. & UNDIV. HWY	7959.0	3192.9	1677.5	1280.6	1.7	1.4	476.7	78.8	14668.6
DIVIDED ART.	5613.3	2208.0	1159.9	845.7	1.2	1.0	330.1	52.3	10211.4
UNDIVIDED ART.	10504.1	4145.1	2175.8	1551.5	2.2	1.8	600.5	102.7	19083.6
TOTALS	33364.6	13187.1	6915.4	5120.9	7.1	5.7	1953.2	325.5	60879.5

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1371.9	489.6	265.4	243.0	3.0	2.4	1018.4	6.0	3399.7
I. H. & FREEWAY	156.9	57.3	31.1	24.3	0.4	0.3	123.6	0.7	394.7
DIV. & UNDIV. HWY	1530.5	545.2	295.3	275.8	3.3	2.7	1131.1	7.0	3790.8
DIVIDED ART.	970.9	342.3	185.3	183.4	2.0	1.6	696.4	4.4	2386.2
UNDIVIDED ART.	1740.1	616.4	333.8	319.8	3.7	3.0	1260.8	7.8	4285.2
TOTALS	5770.4	2050.8	1110.8	1046.2	12.3	9.9	4230.3	25.8	14256.5

Table C-7
VICTORIA 2007 TRIPS ON 2006 NETWORK - COAST
24-HOUR

VEHICLE MILES OF TRAVEL

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	348427.91	117572.55	54830.03	21391.67	994.44	1404.90	38961.71	2206.14	585789.34
I. H. & FREEWAY	30884.02	10421.42	4860.03	1896.12	88.14	124.53	3453.50	195.55	51923.31
DIV. & UNDIV. HWY	532653.48	179737.11	83820.51	32702.16	1520.23	2147.71	59562.08	3372.60	895515.89
DIVIDED ART.	224687.98	75818.09	35357.81	13794.68	641.27	905.97	25124.93	1422.66	377753.39
UNDIVIDED ART.	352103.11	118812.70	55408.38	21617.31	1004.92	1419.72	39372.67	2229.41	591968.22
TOTALS	1488756.51	502361.87	234276.77	91401.94	4249.01	6002.82	166474.89	9426.36	2502950.15

VEHICLE HOURS

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	9126.538	3079.634	1436.189	560.322	26.048	36.799	1020.543	57.786	15343.858
I. H. & FREEWAY	498.972	168.372	78.520	30.634	1.424	2.012	55.796	3.159	838.890
DIV. & UNDIV. HWY	11476.899	3872.733	1806.051	704.622	32.756	46.276	1283.363	72.668	19295.369
DIVIDED ART.	5306.061	1790.462	834.983	325.765	15.144	21.395	593.331	33.596	8920.737
UNDIVIDED ART.	8533.518	2879.527	1342.869	523.914	24.355	34.408	954.230	54.032	14346.853
TOTALS	34941.987	11790.727	5498.613	2145.257	99.727	140.890	3907.263	221.242	58745.706

AVERAGE OPERATIONAL SPEED WEIGHTED BY VMT

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE							
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
LOCAL (CENT. CONN.)	45.11	45.11	45.11	45.11	45.11	45.11	45.11	45.11
I. H. & FREEWAY	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99
DIV. & UNDIV. HWY	50.92	50.92	50.92	50.92	50.92	50.92	50.92	50.92
DIVIDED ART.	44.06	44.06	44.06	44.06	44.06	44.06	44.06	44.06
UNDIVIDED ART.	43.70	43.70	43.70	43.70	43.70	43.70	43.70	43.70

Table C-8
VICTORIA 2007 TRIPS ON 2006 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	963.6	385.8	197.0	102.4	0.7	1.3	106.5	37.2	1794.5
I. H. & FREEWAY	77.5	31.6	16.0	7.3	0.0	0.1	7.2	3.5	143.1
DIV. & UNDIV. HWY	1297.8	531.3	269.4	138.2	0.9	1.7	139.3	56.1	2434.7
DIVIDED ART.	571.3	231.2	117.6	60.7	0.4	0.8	63.2	23.6	1068.6
UNDIVIDED ART.	916.4	369.7	188.2	96.8	0.6	1.2	101.2	37.2	1711.3
TOTALS	3826.5	1549.6	788.2	405.3	2.6	5.1	417.4	157.5	7152.2

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	7387.6	3010.8	1585.2	762.0	1.9	3.0	606.7	74.6	13431.6
I. H. & FREEWAY	715.8	306.0	156.6	72.2	0.2	0.2	49.7	12.5	1313.3
DIV. & UNDIV. HWY	9231.7	3915.6	2043.7	1054.9	2.5	4.0	812.9	108.2	17173.4
DIVIDED ART.	4054.8	1695.9	889.9	413.1	1.0	1.6	335.6	41.9	7434.0
UNDIVIDED ART.	6690.7	2779.8	1458.9	667.4	1.7	2.6	541.8	69.9	12212.8
TOTALS	28080.6	11708.1	6134.2	2969.7	7.3	11.4	2346.7	307.1	51565.2

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1286.0	491.5	269.9	232.9	2.7	4.2	766.0	5.6	3058.7
I. H. & FREEWAY	142.4	56.2	30.8	23.1	0.3	0.5	92.3	0.7	346.3
DIV. & UNDIV. HWY	2018.5	768.0	421.5	371.0	4.2	6.7	1206.7	9.2	4805.7
DIVIDED ART.	777.3	290.6	159.6	149.0	1.5	2.5	442.7	3.4	1826.7
UNDIVIDED ART.	1229.8	461.7	253.5	233.0	2.5	3.9	704.0	5.4	2893.8
TOTALS	5454.0	2068.0	1135.4	1009.0	11.2	17.8	3211.7	24.4	12931.3

Table C-5
VICTORIA 1999 TRIPS ON 1996 NETWORK - COAST
24-HOUR

VEHICLE MILES OF TRAVEL

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	326165.61	101328.47	48479.19	18984.60	850.02	623.08	30474.07	2341.97	529247.01
I. H. & FREEWAY	29277.02	9095.37	4351.55	1704.08	76.30	55.93	2735.39	210.22	47505.86
DIV. & UNDIV. HWY	356595.27	110781.93	53002.06	20755.77	929.33	681.21	33317.15	2560.46	578623.18
DIVIDED ART.	248032.89	77055.32	36866.04	14436.85	646.40	473.82	23174.03	1780.95	402466.30
UNDIVIDED ART.	430614.09	133777.04	64003.75	25064.07	1122.23	822.61	40232.82	3091.94	698728.54
TOTALS	1390684.89	432038.12	206702.59	80945.37	3624.27	2656.66	129933.45	9985.54	2256570.89

VEHICLE HOURS

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	8425.715	2617.581	1252.345	490.422	21.958	16.096	787.225	60.499	13671.841
I. H. & FREEWAY	472.773	146.874	70.270	27.518	1.232	0.903	44.172	3.395	767.136
DIV. & UNDIV. HWY	7532.463	2340.078	1119.578	438.430	19.630	14.389	703.768	54.085	12222.421
DIVIDED ART.	5795.165	1800.359	861.357	337.310	15.103	11.071	541.450	41.611	9403.425
UNDIVIDED ART.	10438.835	3242.988	1551.562	607.597	27.205	19.942	975.314	74.954	16938.396
TOTALS	32664.950	10147.880	4855.111	1901.277	85.128	62.401	3051.928	234.544	53003.219

AVERAGE OPERATIONAL SPEED WEIGHTED BY VMT

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
LOCAL (CENT. CONN.)	45.65	45.65	45.65	45.65	45.65	45.65	45.65	45.65
I. H. & FREEWAY	62.01	62.01	62.01	62.01	62.01	62.01	62.01	62.01
DIV. & UNDIV. HWY	50.95	50.95	50.95	50.95	50.95	50.95	50.95	50.95
DIVIDED ART.	44.57	44.57	44.57	44.57	44.57	44.57	44.57	44.57
UNDIVIDED ART.	45.20	45.20	45.20	45.20	45.20	45.20	45.20	45.20

Table C-6
VICTORIA 1999 TRIPS ON 1996 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1105.6	407.3	203.8	132.0	0.7	0.7	94.3	39.4	1983.9
I. H. & FREEWAY	93.3	36.2	18.1	9.7	0.1	0.1	6.5	3.7	167.6
DIV. & UNDIV. HWY	1071.6	404.3	201.7	127.6	0.7	0.7	88.0	42.4	1937.0
DIVIDED ART.	779.9	289.9	144.8	92.8	0.5	0.5	66.1	29.5	1404.1
UNDIVIDED ART.	1398.2	519.5	259.9	164.6	0.9	0.9	117.0	51.8	2512.8
TOTALS	4448.7	1657.1	828.3	526.7	2.9	2.9	371.9	166.9	8005.4

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	8264.6	3200.9	1672.5	1316.2	1.8	1.5	503.8	78.3	15039.6
I. H. & FREEWAY	1023.6	440.2	229.6	126.9	0.2	0.1	42.1	13.5	1876.3
DIV. & UNDIV. HWY	7959.0	3192.9	1677.5	1280.6	1.7	1.4	476.7	78.8	14668.6
DIVIDED ART.	5613.3	2208.0	1159.9	845.7	1.2	1.0	330.1	52.3	10211.4
UNDIVIDED ART.	10504.1	4145.1	2175.8	1551.5	2.2	1.8	600.5	102.7	19083.6
TOTALS	33364.6	13187.1	6915.4	5120.9	7.1	5.7	1953.2	325.5	60879.5

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1371.9	489.6	265.4	243.0	3.0	2.4	1018.4	6.0	3399.7
I. H. & FREEWAY	156.9	57.3	31.1	24.3	0.4	0.3	123.6	0.7	394.7
DIV. & UNDIV. HWY	1530.5	545.2	295.3	275.8	3.3	2.7	1131.1	7.0	3790.8
DIVIDED ART.	970.9	342.3	185.3	183.4	2.0	1.6	696.4	4.4	2386.2
UNDIVIDED ART.	1740.1	616.4	333.8	319.8	3.7	3.0	1260.8	7.8	4285.2
TOTALS	5770.4	2050.8	1110.8	1046.2	12.3	9.9	4230.3	25.8	14256.5

Table C-7
VICTORIA 2007 TRIPS ON 2006 NETWORK - COAST
24-HOUR

VEHICLE MILES OF TRAVEL

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	348427.91	117572.55	54830.03	21391.67	994.44	1404.90	38961.71	2206.14	585789.34
I. H. & FREEWAY	30884.02	10421.42	4860.03	1896.12	88.14	124.53	3453.50	195.55	51923.31
DIV. & UNDIV. HWY	532653.48	179737.11	83820.51	32702.16	1520.23	2147.71	59562.08	3372.60	895515.89
DIVIDED ART.	224687.98	75818.09	35357.81	13794.68	641.27	905.97	25124.93	1422.66	377753.39
UNDIVIDED ART.	352103.11	118812.70	55408.38	21617.31	1004.92	1419.72	39372.67	2229.41	591968.22
TOTALS	1488756.51	502361.87	234276.77	91401.94	4249.01	6002.82	166474.89	9426.36	2502950.15

VEHICLE HOURS

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	9126.538	3079.634	1436.189	560.322	26.048	36.799	1020.543	57.786	15343.858
I. H. & FREEWAY	498.972	168.372	78.520	30.634	1.424	2.012	55.796	3.159	838.890
DIV. & UNDIV. HWY	11476.899	3872.733	1806.051	704.622	32.756	46.276	1283.363	72.668	19295.369
DIVIDED ART.	5306.061	1790.462	834.983	325.765	15.144	21.395	593.331	33.596	8920.737
UNDIVIDED ART.	8533.518	2879.527	1342.869	523.914	24.355	34.408	954.230	54.032	14346.853
TOTALS	34941.987	11790.727	5498.613	2145.257	99.727	140.890	3907.263	221.242	58745.706

AVERAGE OPERATIONAL SPEED WEIGHTED BY VMT

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE							
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
LOCAL (CENT. CONN.)	45.11	45.11	45.11	45.11	45.11	45.11	45.11	45.11
I. H. & FREEWAY	61.99	61.99	61.99	61.99	61.99	61.99	61.99	61.99
DIV. & UNDIV. HWY	50.92	50.92	50.92	50.92	50.92	50.92	50.92	50.92
DIVIDED ART.	44.06	44.06	44.06	44.06	44.06	44.06	44.06	44.06
UNDIVIDED ART.	43.70	43.70	43.70	43.70	43.70	43.70	43.70	43.70

Table C-8
VICTORIA 2007 TRIPS ON 2006 NETWORK - COAST
24-HOUR

POUNDS OF VOC POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	963.6	385.8	197.0	102.4	0.7	1.3	106.5	37.2	1794.5
I. H. & FREEWAY	77.5	31.6	16.0	7.3	0.0	0.1	7.2	3.5	143.1
DIV. & UNDIV. HWY	1297.8	531.3	269.4	138.2	0.9	1.7	139.3	56.1	2434.7
DIVIDED ART.	571.3	231.2	117.6	60.7	0.4	0.8	63.2	23.6	1068.6
UNDIVIDED ART.	916.4	369.7	188.2	96.8	0.6	1.2	101.2	37.2	1711.3
TOTALS	3826.5	1549.6	788.2	405.3	2.6	5.1	417.4	157.5	7152.2

POUNDS OF CO POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	7387.6	3010.8	1585.2	762.0	1.9	3.0	606.7	74.6	13431.6
I. H. & FREEWAY	715.8	306.0	156.6	72.2	0.2	0.2	49.7	12.5	1313.3
DIV. & UNDIV. HWY	9231.7	3915.6	2043.7	1054.9	2.5	4.0	812.9	108.2	17173.4
DIVIDED ART.	4054.8	1695.9	889.9	413.1	1.0	1.6	335.6	41.9	7434.0
UNDIVIDED ART.	6690.7	2779.8	1458.9	667.4	1.7	2.6	541.8	69.9	12212.8
TOTALS	28080.6	11708.1	6134.2	2969.7	7.3	11.4	2346.7	307.1	51565.2

POUNDS OF NOX POLLUTION

COUNTY: VICTORIA

ROADWAY TYPE	VEHICLE TYPE								
	LDGV	LDGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC	TOTALS
LOCAL (CENT. CONN.)	1286.0	491.5	269.9	232.9	2.7	4.2	766.0	5.6	3058.7
I. H. & FREEWAY	142.4	56.2	30.8	23.1	0.3	0.5	92.3	0.7	346.3
DIV. & UNDIV. HWY	2018.5	768.0	421.5	371.0	4.2	6.7	1206.7	9.2	4805.7
DIVIDED ART.	777.3	290.6	159.6	149.0	1.5	2.5	442.7	3.4	1826.7
UNDIVIDED ART.	1229.8	461.7	253.5	233.0	2.5	3.9	704.0	5.4	2893.8
TOTALS	5454.0	2068.0	1135.4	1009.0	11.2	17.8	3211.7	24.4	12931.3