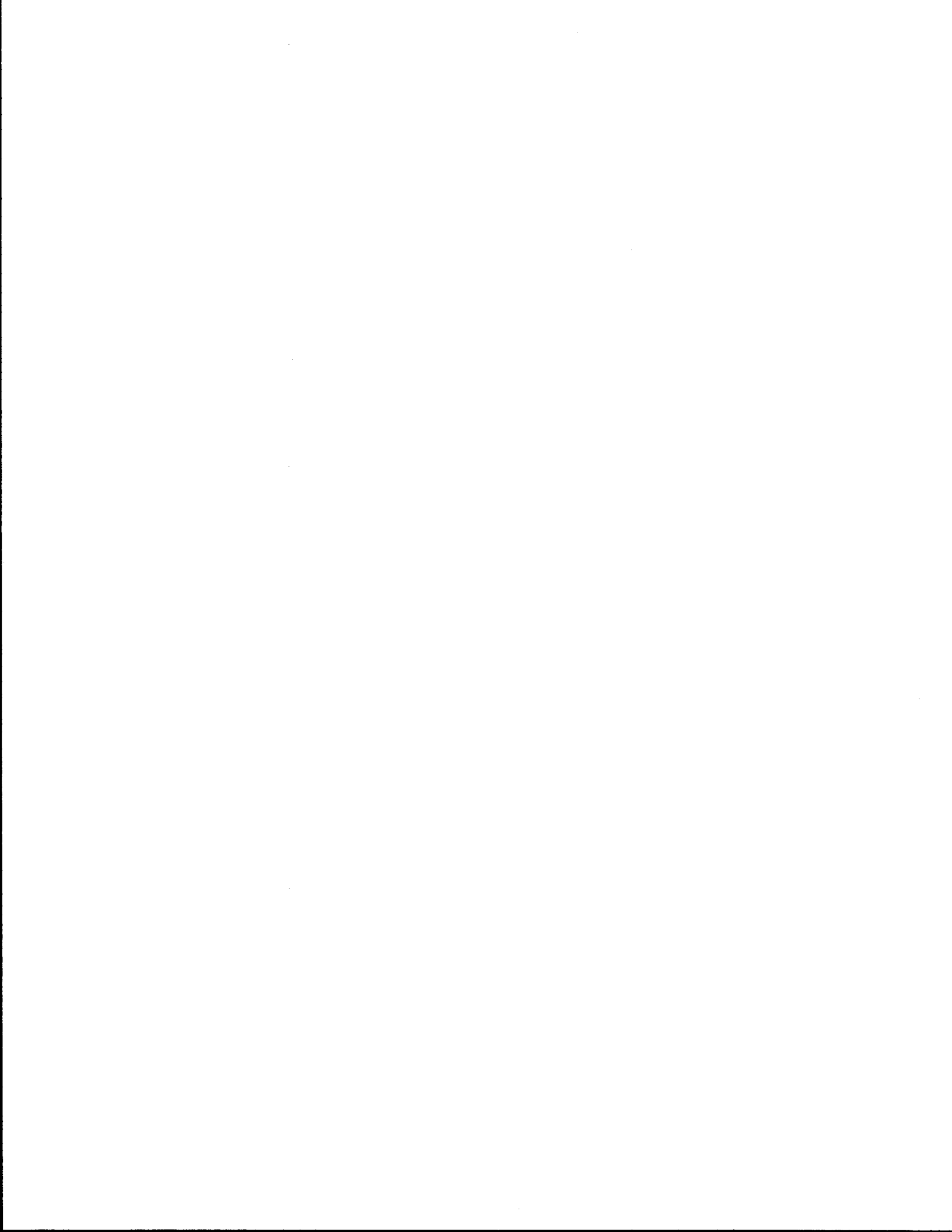


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16. Abstract This report documents the mobile source emission estimation methodology used for the conformity analysis of the Transportation Improvement Program (TIP) and the metropolitan plan for Victoria County. Included in the report is a brief overview 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 brief outline of the method used to develop the emission estimates using the MOBILE5a emission rates and comparisons of the emission estimates for the Build and No Build options. An appendix presents the emission rates developed for conformity analysis.			
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**DEVELOPMENT OF EMISSION ESTIMATES FOR THE
CONFORMITY ANALYSIS OF THE VICTORIA FY-94 TIP
AND 2015 METROPOLITAN PLAN**

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Research Study Number 0-1375

Research Report 1375-3

Study Title: Develop Air Quality Data for Federal Submission

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Texas Department of Transportation
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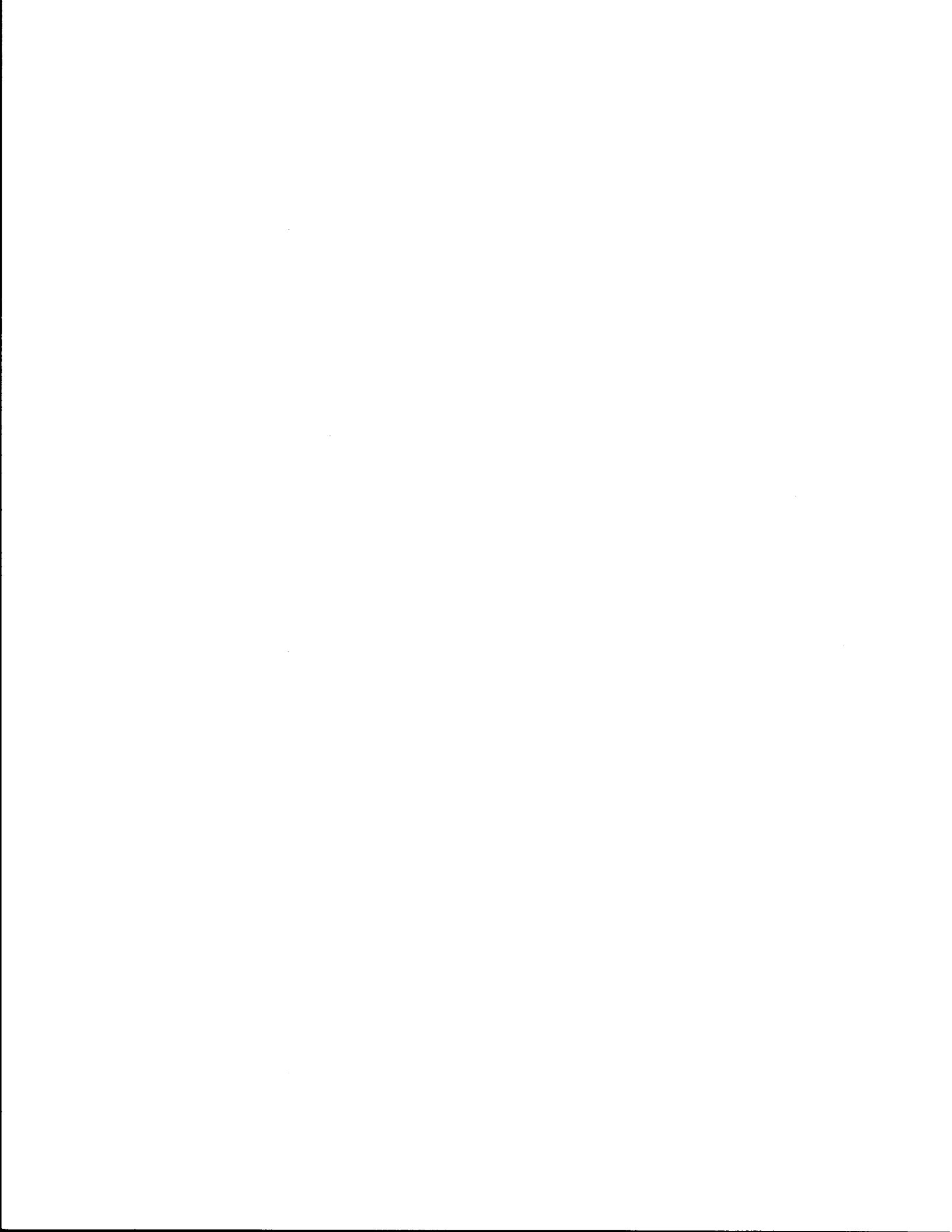
TEXAS TRANSPORTATION INSTITUTE
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College Station, Texas 77843-3135



IMPLEMENTATION STATEMENT

This report documents for the record the procedures used by the Texas Transportation Institute in support of the FY-94 conformity analysis for Victoria. The findings of the conformity analysis were previously submitted by the Texas Transportation Institute to the Texas Department of Transportation on April 1, 1994. An error to the off-peak capacity factors was subsequently found by TTI, and the analysis was redone. Modifications were subsequently made to the 1996 and 2015 networks and the conformity analysis was redone on July 9 and July 18, 1994. This report includes all corrections and modifications that were made.

The software used for these procedures is described in Research Report 1279-2, "User's Guide for the Texas Mobile Source Emission Estimation Software: PREPIN, POLFAC5A, COADJ, IMPSUM, and SUMALL." No further implementation of the materials in this report is needed.



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.

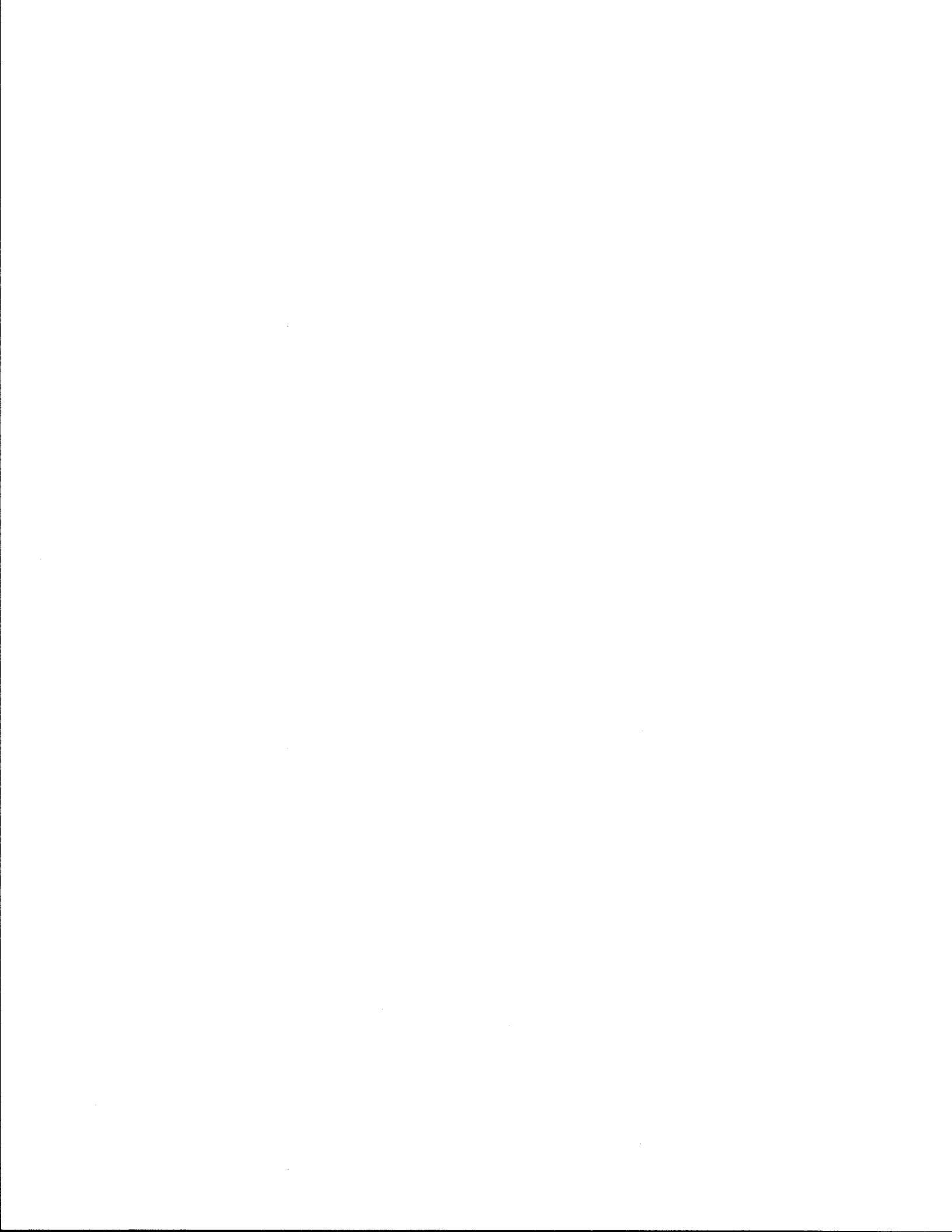


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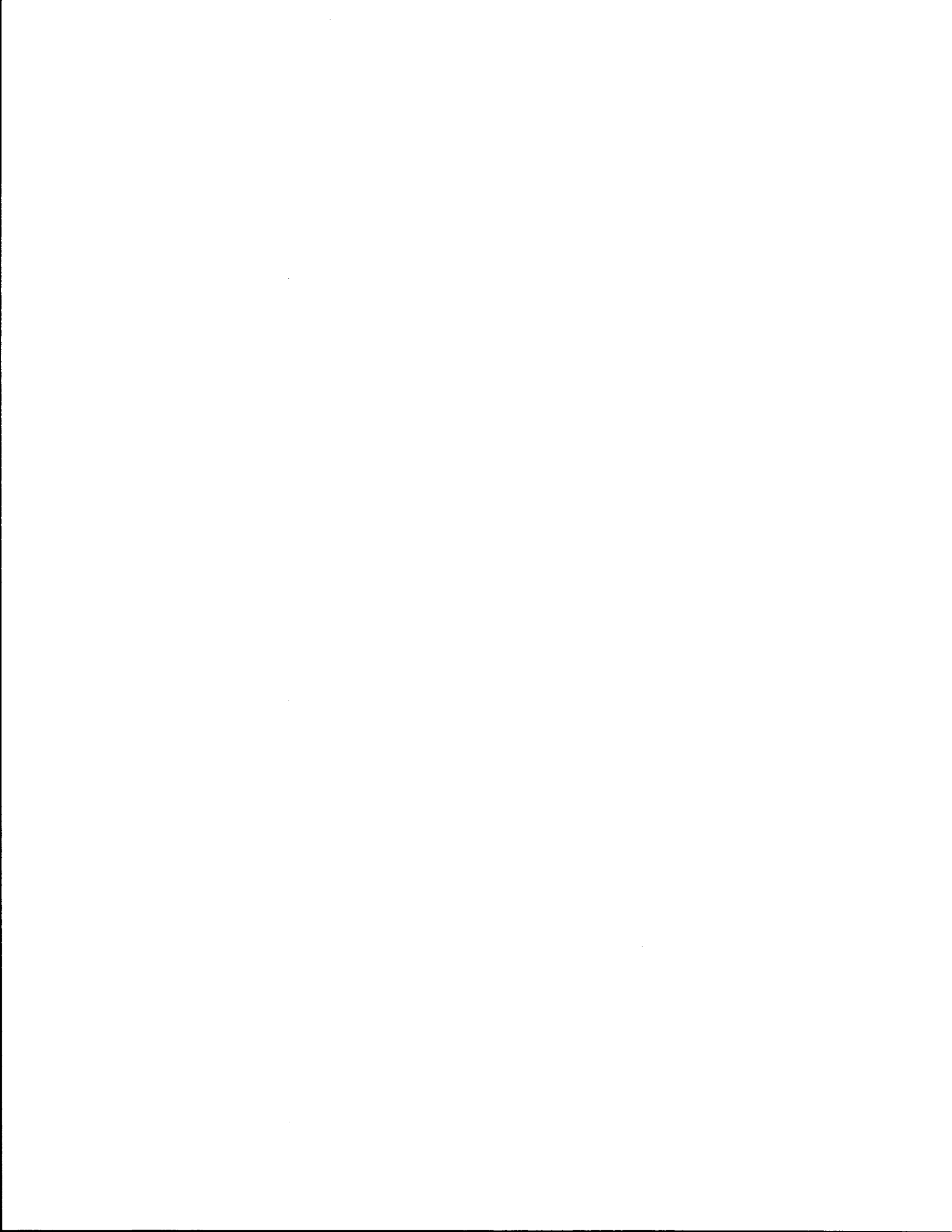
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SUMMARY

EMISSION ESTIMATION METHODOLOGY

For the conformity analyses, a series of 24-hour assignments were performed for the Victoria County region for the 1990 base year and for the Build and No Build Options for 1996, 2006, and 2015. Summer VMT, speeds, and mobile source emission 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 covers 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 conformity 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 the 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 IMPSUM program for estimating emissions.

POLFAC5A The POLFAC5A program obtains emission rates using MOBILE5a.

IMPSUM The IMPSUM program applies the emission rates (obtained from POLFAC5A) 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 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.

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

The POLFAC5A program was applied to develop the seasonal emission factors for each time-of-day period for each of the application years. The average summer event day temperatures

for the subject time-of-day period were estimated and input to the POLFAC5A application of the MOBILE5a model. A separate 24-hour application of MOBILE5a was used to develop the diurnal emission rates.

Finally, IMPSUM 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.

I. INTRODUCTION

The purpose of this report is to document the mobile source emission estimation methodology used for the conformity analysis of the Transportation Improvement Program (TIP) and the metropolitan plan for Victoria County. The remainder of this chapter provides a brief 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 using the MOBILE5a emission rates and compares the emission estimates for the Build and No Build options.

OVERVIEW OF EMISSION ESTIMATION METHODOLOGY

For the conformity analyses, a series of 24-hour assignments was performed for the Victoria region for the 1990 base year and for the Build and No Build options for 1996, 2006, and 2015. Summer mobile source emission estimates were developed for each of these assignments. These conformity analyses did not use TTI's IMPACT program for the estimation of mobile source emissions. Instead, a new series of programs (i.e., the POLFAC5A, PREPIN, and IMPSUM programs developed by TTI) were used for these analyses. The following briefly describes the methodology and software used in developing the estimates.

A series of programs (developed by TTI to facilitate the application of EPA's MOBILE5a program in estimating mobile source emissions) was used for the conformity analyses. The three programs used for computing the mobile source emissions for the Victoria 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. 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 IMPSUM program for the application of MOBILE5a emission factors.
- POLFAC5A** The POLFAC5A 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., $8 \times 63 = 504$) 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 IMPSUM program. POLFAC5A is applied for each time-of-day time period being used. These time-of-day emission factors are applied using the IMPSUM program to time-of-day VMT estimates by link.

IMPSUM The IMPSUM program applies the emission rates (obtained from POLFAC5A) and VMT mixes to the time-of-day VMT and speed estimates to estimate the emissions. The basic inputs to IMPSUM 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 POLFAC5A 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 IMPSUM: 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 types, and the MOBILE5a emission 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:

- | | |
|------------------------|-----------------------|
| 1. Morning Peak Hour | 7:15 a.m. - 8:15 a.m. |
| 2. Midday | 8:15 a.m. - 4:45 p.m. |
| 3. Afternoon Peak Hour | 4:45 p.m. - 5:45 p.m. |
| 4. Overnight | 5:45 p.m. - 7:15 a.m. |

Separate time-of-day AAWT VMT and speed estimates were developed for the summer season.

POLFAC5A 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 POLFAC5A application of the MOBILE5a model. Separate 24-hour applications of MOBILE5a were used to develop the diurnal emission rates.

Finally, IMPSUM 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 emission estimates for each of the four time-of-day periods and the diurnal estimates were summed to develop the final emission estimates.

24-HOUR TRAFFIC ASSIGNMENTS

The 24-hour capacity restrained traffic assignments were developed by the Transportation Planning and Programming Division of TxDOT in a cooperative effort with the Yoakum District Office of TxDOT and the Victoria MPO. Table I-1 summarizes the 24-hour highway assignments used in these analyses.

Table I-1
24-Hour Traffic Assignments

Traffic Assignment	Trip Table Year	Network Year
1. 1990 Base Year	1990	1990
2. 1996 Build Option	1996	1996
3. 1996 No Build Option	1996	1993
4. 2006 Build Option	2006	2006
5. 2006 No Build Option	2006	1993
6. 2015 Build Option	2015	2015
7. 2015 No Build	2015	1993

These analyses used five highway networks (the 1990, 1993, 1996, 2006, and 2015 networks). The 1993 network was used to represent the No Build option for the conformity analyses.

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

The time-of-day VMT and speed estimates for Victoria County were developed using PREPIN. PREPIN is one of a series of programs developed by TTI to facilitate the application of EPA's MOBILE5a program in estimating mobile source emissions. PREPIN 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 were applied to the seasonally adjusted 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 IMPSUM for the application of MOBILE5a emission factors. TTI Research Report 1279-2, "User's Guide for the Texas Mobile Source Emission Estimation Software: PREPIN, POLFAC5A, COADJ, IMPSUM, and SUMALL," provides a detailed description of these programs.

For the conformity analyses, a series of 24-hour assignments were performed for the Victoria region for the 1990 base year and for the Build and No Build options for 1996, 2006, and 2015. For a given application year and season, 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 conformity analyses, the following parameters and data were input to PREPIN:

- County table of equals
- Area type table of equals
- Seasonal adjustment factor
- HPMS 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 IMPSUM which applies the MOBILE5a emission rates (developed using POLFAC5A) 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 IMPSUM 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 regional 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.

SEASONAL ADJUSTMENT FACTORS

Because 24-hour travel on the highway system varies somewhat by season, PREPIN provides for the input and application of seasonal adjustment factors to account for the seasonal variations. The seasonal adjustment factors are applied to the 24-hour link volumes to estimate the seasonally adjusted 24-hour volumes and VMT. One set of seasonal adjustments was employed in the Victoria conformity analyses, Summer Seasonal Adjustment Factors. The

following is the seasonal adjustment factor used in the Victoria conformity analyses:

<u>Season</u>	<u>Area Types</u>	<u>Factor</u>
Summer (June - August)	1 - 4	1.044

These factors were estimated using data from 1990 Annual Report Permanent Automatic Traffic Recorders (published by TxDOT). The following describes the procedures used to estimate the seasonal adjustment factors.

SUMMER SEASONAL ADJUSTMENT FACTOR COMPUTATIONS

The travel models are assumed to simulate AWT for a typical school year (September through May) and weekday (Monday through Thursday). For purposes of estimating typical ozone (O3) season (June through August) weekday (Monday through Friday) AWT, the (Monday through Thursday) AWT from the travel model was adjusted in two steps. The first step was to adjust Monday through Thursday travel to Monday through Friday travel using the ratio of Monday through Thursday AAWT to Monday through Friday AAWT for the September through May time period. The second step was to adjust the September through May, Monday through Friday AAWT to June through August, Monday through Friday AAWT. The two adjustment factors were then multiplied to provide the total adjustment factor. Data from the ATR stations were used to calculate the adjustment factors.

One automatic traffic recorder (ATR) is permanently located in Victoria County.
The location and adjustment factor are:

S116 US 59, 0.8 miles east of Loop 175, Victoria
June - August 1990, Monday - Friday
Factor 1.044

The travel model AWT was adjusted using 104.4 calculated by taking the average of the adjustment factors for the summer season.

HPMS SCALE FACTORS

The HPMFAC records provide a method of adjusting link volumes and VMT to correspond with the HPMS estimate of VMT by county and functional class. The factor used to adjust the modeled VMT to HPMS VMT was developed by dividing the 1990 HPMS VMT, provided by TxDOT, by 1990 Modeled VMT, calculated by TTI. The HPMS factor used for the Victoria conformity analysis was 0.7978.

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 II-1 summarizes the results obtained from the three studies and the averages used in the conformity analyses. These average percentages are applied to the seasonally adjusted volumes and VMT to estimate the volumes and VMT for each of the four time periods.

Table II-1
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 adjustment factor and time-of-day travel factor are applied to estimate the seasonally 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 IMPSUM to apply the MOBILE5a emission factors directionally by speed.

Time-of-day directional split area type and facility type were estimated by TTI based on directional splits estimated for the Jefferson-Orange-Hardin Regional Transportation Study. Table

II-2 summarizes the morning peak directional split used in the Victoria PREPIN applications. Table II-3 summarizes the directional splits used for the off-peak periods, and Table II-4 summarizes the directional splits used for the afternoon peak period.

**Table II-2
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 II-3
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 II-4
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 II-5 summarizes the typical 24-hour capacities per lane used in the Victoria highway networks. Table II-6 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:

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

The length of the time period is specified in hours. Capacity factors (stratified by area type and functional class) 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 class) 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 II-7 summarizes the typical 24-hour speeds used in the 1990 Victoria highway network. Table II-8 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 class 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 II-5
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	-	8,250.0	7,666.7	6,777.8	4,525.0
2 Urban	-	8,000.0	6,250.0	6,900.0	6,060.8
3 Suburban	-	7,750.0	8,900.0	5,037.8	4,688.7
4 Rural	-	7,600.0	4,512.7	4,055.4	4,199.5

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**Table II-6
Estimated Typical Hourly Capacities per Lane for Victoria Network**

AREA TYPES	FUNCTIONAL CLASSIFICATIONS				
	0	1	2	4	5
	Centroid Connectors	IH	Divided & Undivided Highway	Divided Arterials	Undivided Arterials
1 CBD		1,800.0	525.0	550.0	500.0
2 Urban	-	1,875.0	600.0	625.0	575.0
3 Suburban	-	1,950.0	675.0	700.0	625.0
4 Rural	-	2,000.0	725.0	750.0	675.0

Table II-7
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

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Table II-8
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 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 II-9.

Table II-9
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 class. For the Victoria conformity applications, the high-capacity facilities parameter values in Table II-9 were used for functional classification 1 (i.e., the IH, Freeway). The low-capacity facilities parameter values in Table II-9 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:

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

These congested directional speed estimates for each link are included in the link records produced by PREPIN for subsequent input to IMPSUM 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 class, 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 conformity 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 Conformity Analyses. MOBILE5a was used directly for computing 24-hour diurnal emission rates. MOBILE5a was applied using POLFAC5A to estimate the emission factors by speed for each of the four time-of-day time periods (i.e., AM Peak Hour, Midday, PM Peak Hour, and Overnight).

POLFAC5A is one of a series of programs developed by the Texas Transportation Institute to facilitate the computation of mobile source emissions. POLFAC5A 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., $8 \times 63 = 504$) for each pollution type for each county. Three pollution types were computed: VOC, CO, and NOX. Hence, for each county there are 1,512 emission factors. These emission factors are output to an ASCII file for subsequent input to either IMPSUM or COADJ. For Victoria, POLFAC5A was applied for each of the four time-of-day time periods for a given year and season. The emission factors from POLFAC5A were applied using IMPSUM to estimate emissions.

The MOBILE5a set-up data were input to the POLFAC5A program. TxDOT's Transportation Planning and Programming Division provided the 1990 MOBILE5a set-up for Victoria. As requested by TxDOT, the 1996, 2006, and 2015 MOBILE5a set-ups were prepared by changing the target year in the subject year and changing the Reid Vapor Pressure (RVP) value in the set-ups. The RVP for 1990 was 8.3 p.s.i., and the RVP used for all years beyond 1992 is 8.7 p.s.i. The MOBILE5a set-ups used the default vehicle age distributions. The estimates of total registered vehicles in Victoria County were obtained and used to estimate the diurnals. The estimated distribution of registered vehicles by vehicle type (i.e., the vehicle mix) was developed using the default values in MOBILE5a.

ESTIMATION OF TEMPERATURES BY TIME-OF-DAY

The 1990 MOBILE5a set-up provided by TxDOT included the temperature range of 74.5 to 93.2 degrees, as shown in Table III-1.

**Table III-1
Temperature Ranges**

Season	Low	High	Ambient
Summer Ozone	74.5	93.2	87.0

Because hourly temperature data were not available for the Victoria region, the temperature range data were used to estimate the average temperature by time period during the day. Because Jefferson County is similar to Victoria County, the temperature estimates for Jefferson County, shown in Table III-2, were used to estimate the Victoria temperatures by time period. Four time-of-day temperature estimates were developed for the summer temperature variations. The average temperature for each time period was computed using these data; they are summarized in Table III-3.

The Jefferson County data used observed data to estimate the average temperatures for the four time periods by temperature range. The value of P in the following formula was computed for each time period:

$$T_i = T_{low} + P_i(T_{high} - T_{low})$$

Where:

T_i	=	Temperature for time period i
T_{low}	=	Low temperature
T_{high}	=	High temperature
P_i	=	P factor for time period i

The P factors for each time period are also summarized in Table III-2.

The estimated temperatures for each time period were computed using the high and low temperatures, and the P factors for Jefferson County were developed using the observed data (see Table III-2). The resulting estimated average temperatures for each of the four time periods, which were used for Victoria County, are shown in Table III-3.

Diurnal 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 III-4 lists the temperature inputs for each of the four time periods and the 24-hour diurnal applications for Victoria.

Table III-2
Temperature Data for Jefferson County 1990
Minimum Temperature 70, Maximum Temperature 93

	Summer	
	Average Temperature	P Factor
Time Period 1 (AM Peak)	75.9	.26
Time Period 2 (Midday)	89.1	.83
Time Period 3 (PM Peak)	90.5	.89
Time Period 4 (Overnight)	76.3	.27

Table III-3
Temperature Data for Victoria County 1990
Minimum Temperature 74.5, Maximum Temperature 93.2

	Summer	
	Estimated Temp	P Factor
Time Period 1 (AM Peak)	79.4	.26
Time Period 2 (Midday)	90.0	.83
Time Period 3 (PM Peak)	91.1	.89
Time Period 4 (Overnight)	79.6	.27

**Table III-4
MOBILE5a Temperature Inputs Used for Victoria Conformity Applications**

	MOBILE5a Temperature Inputs		
	Low	High	Ambient
Summer: 24-Hour Diurnal Application	74.5	93.2	87.0
Summer: Time Period 1 (AM Peak)	79.4	79.4	79.4
Summer: Time Period 2 (Midday)	90.0	90.0	90.0
Summer: Time Period 3 (PM Peak)	91.1	91.1	91.1
Summer: Time Period 4 (Overnight)	79.6	79.6	79.6

MOBILE5a SET-UPS

Tables III-5 through III-8 are the four summer 1990 MOBILE5a set-ups used to develop the 1990 summer emission factors for Time Periods 1 through 4 (i.e., the AM Peak, Midday, PM Peak, and Overnight periods, respectively). The temperatures are the only changes made in the set-ups to develop the emission factors for Time Period 2 (Midday), Time Period 3 (PM Peak Period) and Time Period 4 (Overnight). The temperature inputs used for the four time periods are listed Table III-4.

Tables III-9, III-14, III-19, III-24, and III-29 are the summer MOBILE5a set-ups used to develop the 1990, 1993, 1996, 2006, and 2015 summer 24-hour diurnal emission rates, respectively. These sets of rates are input to the SUMALL program for computing the 24-hour diurnals.

Tables III-10 through III-13 are the four summer 1993 MOBILE5a set-ups used to develop the 1993 summer emission factors for Time Periods 1 through 4. The temperatures are the only changes made in the set-ups to develop the emission factors for Time Period 2, Time Period 3, and Time Period 4. The temperature inputs used for the four time periods are listed Table III-4.

Tables III-15 through III-18 are the four summer 1996 MOBILE5a set-ups used to develop the 1996 summer emission factors for Time Periods 1 through 4. The temperatures are the only changes made in the set-ups to develop the emission factors for Time Period 2, Time Period 3, and Time Period 4. The temperature inputs used for the four time periods are listed Table III-4.

Tables III-20 through III-23 are the four summer 2006 MOBILE5a set-ups used to develop the 2006 summer emission factors for Time Periods 1 through 4. The temperatures are the only changes made in the set-ups to develop the emission factors for Time Period 2, Time Period 3, and Time Period 4. The temperature inputs used for the four time periods are listed Table III-4.

Tables III-25 through III-28 are the four summer 2015 MOBILE5a set-ups used to develop the 2015 summer emission factors for Time Periods 1 through 4. The temperatures are the only changes made in the set-ups to develop the emission factors for Time Period 2, Time Period 3, and Time Period 4. The temperature inputs used for the four time periods are listed Table III-4.

Table III-5
Summer 1990 Victoria County MOBILE5a Set-Up
Time Period 1

A SINGLE SCENARIO WILL BE RUN FOR SPEEDS FROM 3 TO 65 MPH	
1	MOBILE4 DATA INPUT
1996	PROMPT
1	Victoria County 1990 Estimated Emissions - TP 1
1	TAMFLG - Default: Tampering Rates
1	SPDFLG - User input: one speed for all vehicle types
1	VMFLAG - MOBILE5A VHT Mix for 1990
1	MYMRFG - Mobile5a Vehicle Registration Distribution
1	NEWFLG - Default: Basic exhaust emission rates
1	IMFLAG - no I/M
1	ALHFLG - No additional correction factors
1	ATPFLG - no atp
5	RLFLAG - Zero-out refueling emissions
2	LOCFLG - User input: one LAP record for all scenarios
2	TEMFLG - User input temperature
4	OUTFMT - 80-column descriptive format
4	PRTFLG - Print all three pollutant emission factors
1	IDLFLG - No idle emissions calculated or printed
3	NMHFLG - Print HC = volatile organic compounds (VOC)
1	HCFLAG - Print total HC
Victoria 90	79.4 79.4 08.3 08.3 90 LAP
1 90 30.0 79.4 20.6 27.3 20.6 7	SCN 1.A

Table III-6
Summer 1990 Victoria County MOBILE5a Set-Up
Time Period 2

1996	PROMPT
1	Victoria County 1990 Estimated Emissions - TP 2
1	TAMFLG - Default: Tampering Rates
1	SPDFLG - User input: one speed for all vehicle types
1	VMFLAG - MOBILE5A VHT Mix for 1990
1	MYMRFG - Mobile5a Vehicle Registration Distribution
1	NEWFLG - Default: Basic exhaust emission rates
1	IMFLAG - no I/M
1	ALHFLG - No additional correction factors
1	ATPFLG - no atp
5	RLFLAG - Zero-out refueling emissions
2	LOCFLG - User input: one LAP record for all scenarios
2	TEMFLG - User input temperature
4	OUTFMT - 80-column descriptive format
4	PRTFLG - Print all three pollutant emission factors
1	IDLFLG - No idle emissions calculated or printed
3	NMHFLG - Print HC = volatile organic compounds (VOC)
1	HCFLAG - Print total HC
Victoria 90	90.0 90.0 08.3 08.3 90 LAP
1 90 30.0 90.0 20.6 27.3 20.6 7	SCN 1.A

Table III-7
Summer 1990 Victoria County MOBILE5a Set-Up
Time Period 3

1996	PROMPT							
1	Victoria County	1990 Estimated Emissions - TP 3						
1	TAMFLG	- Default: Tampering Rates						
1	SPDFLG	- User input: one speed for all vehicle types						
1	VMFLAG	- MOBILE5A VHT Mix for 1990						
1	MYMRFG	- Mobile5a Vehicle Registration Distribution						
1	NEWFLG	- Default: Basic exhaust emission rates						
1	IMFLAG	- no I/M						
1	ALHFLG	- No additional correction factors						
1	ATPFLG	- no atp						
5	RLFLAG	- Zero-out refueling emissions						
2	LOCFLG	- User input: one LAP record for all scenarios						
2	TEMFLG	- User input temperature						
4	OUTFMT	- 80-column descriptive format						
4	PRTFLG	- Print all three pollutant emission factors						
1	IDLFLG	- No idle emissions calculated or printed						
3	NMHFLG	- Print HC = volatile organic compounds (VOC)						
1	HCFLAG	- Print total HC						
Victoria 90		91.1 91.1 08.3 08.3 90				LAP		
1 90 30.0 91.1 20.6 27.3 20.6 7						SCN	1.A	

Table III-8
Summer 1990 Victoria County MOBILE5a Set-Up
Time Period 4

1996	PROMPT							
1	Victoria County	1990 Estimated Emissions - TP 4						
1	TAMFLG	- Default: Tampering Rates						
1	SPDFLG	- User input: one speed for all vehicle types						
1	VMFLAG	- MOBILE5A VHT Mix for 1990						
1	MYMRFG	- Mobile5a Vehicle Registration Distribution						
1	NEWFLG	- Default: Basic exhaust emission rates						
1	IMFLAG	- no I/M						
1	ALHFLG	- No additional correction factors						
1	ATPFLG	- no atp						
5	RLFLAG	- Zero-out refueling emissions						
2	LOCFLG	- User input: one LAP record for all scenarios						
2	TEMFLG	- User input temperature						
4	OUTFMT	- 80-column descriptive format						
4	PRTFLG	- Print all three pollutant emission factors						
1	IDLFLG	- No idle emissions calculated or printed						
3	NMHFLG	- Print HC = volatile organic compounds (VOC)						
1	HCFLAG	- Print total HC						
Victoria 90		79.6 79.6 08.3 08.3 90				LAP		
1 90 30.0 79.6 20.6 27.3 20.6 7						SCN	1.A	

**Table III-9
 Summer 1990 Victoria County MOBILE5a Set-Up
 for 24-Hour Diurnal Rates**

1	PROMPT			
1	Victoria County	1990 Estimated Emissions - Diurnal		
1	TAMFLG	- Default: Tampering Rates		
1	SPDFLG	- User input: one speed for all vehicle types		
1	VMFLAG	- MOBILE5A VHT Mix for 1990		
1	MYMRFG	- Mobile5a Vehicle Registration Distribution		
1	NEWFLG	- Default: Basic exhaust emission rates		
1	IMFLAG	- no I/M		
1	ALHFLG	- No additional correction factors		
1	ATPFLG	- no atp		
5	RLFLAG	- Zero-out refueling emissions		
2	LOCFLG	- User input: one LAP record for all scenarios		
1	TEMFLG	- MOBILE5A calculates exhaust temperatures		
3	OUTFMT	- 112-Descriptive format		
4	PRTFLG	- Print all three pollutant emission factors		
1	IDLFLG	- No idle emissions calculated or printed		
3	NMHFLG	- Print HC = volatile organic compounds (VOC)		
3	HCFLAG	- HC components		
Victoria 90		74.5 93.2 08.3 08.3 90	LAP	
1 90	30.0 87.0 20.6 27.3 20.6 7		SCN	

**Table III-10
 Summer 1993 Victoria County MOBILE5a Set-Up
 Time Period 1**

1996	PROMPT			
1	Victoria County	1993 Estimated Emissions - TP 1		
1	TAMFLG	- Default: Tampering Rates		
1	SPDFLG	- User input: one speed for all vehicle types		
1	VMFLAG	- MOBILE5A VHT Mix for 1993		
1	MYMRFG	- Mobile5a Vehicle Registration Distribution		
1	NEWFLG	- Default: Basic exhaust emission rates		
1	IMFLAG	- no I/M		
1	ALHFLG	- No additional correction factors		
1	ATPFLG	- no atp		
5	RLFLAG	- Zero-out refueling emissions		
2	LOCFLG	- User input: one LAP record for all scenarios		
2	TEMFLG	- User input temperature		
4	OUTFMT	- 80-column descriptive format		
4	PRTFLG	- Print all three pollutant emission factors		
1	IDLFLG	- No idle emissions calculated or printed		
3	NMHFLG	- Print HC = volatile organic compounds (VOC)		
1	HCFLAG	- Print total HC		
Victoria 93		79.4 79.4 08.3 08.7 92	LAP	
1 93	30.0 79.4 20.6 27.3 20.6 7		SCN	1.A

Table III-11
Summer 1993 Victoria County MOBILE5a Set-Up
for Time Period 2

1996	PROMPT				
1	Victoria County	1993 Estimated Emissions - TP 2			
1	TAMFLG	- Default: Tampering Rates			
1	SPDFLG	- User input: one speed for all vehicle types			
1	VMFLAG	- MOBILE5A VHT Mix for 1993			
1	MYMRFG	- Mobile5a Vehicle Registration Distribution			
1	NEWFLG	- Default: Basic exhaust emission rates			
1	IMFLAG	- no I/M			
1	ALHFLG	- No additional correction factors			
1	ATPFLG	- no atp			
5	RLFLAG	- Zero-out refueling emissions			
2	LOCFLG	- User input: one LAP record for all scenarios			
2	TEMFLG	- User input temperature			
4	OUTFMT	- 80-column descriptive format			
4	PRTFLG	- Print all three pollutant emission factors			
1	IDLFLG	- No idle emissions calculated or printed			
3	NMHFLG	- Print HC = volatile organic compounds (VOC)			
1	HCFLAG	- Print total HC			
Victoria 93		90.0 90.0 08.3 08.7 92	LAP		
1 93	30.0 90.0 20.6 27.3 20.6 7		SCN	1.A	

Table III-12
Summer 1993 Victoria County MOBILE5a Set-Up
for Time Period 3

1996	PROMPT				
1	Victoria County	1993 Estimated Emissions - TP 3			
1	TAMFLG	- Default: Tampering Rates			
1	SPDFLG	- User input: one speed for all vehicle types			
1	VMFLAG	- MOBILE5A VHT Mix for 1993			
1	MYMRFG	- Mobile5a Vehicle Registration Distribution			
1	NEWFLG	- Default: Basic exhaust emission rates			
1	IMFLAG	- no I/M			
1	ALHFLG	- No additional correction factors			
1	ATPFLG	- no atp			
5	RLFLAG	- Zero-out refueling emissions			
2	LOCFLG	- User input: one LAP record for all scenarios			
2	TEMFLG	- User input temperature			
4	OUTFMT	- 80-column descriptive format			
4	PRTFLG	- Print all three pollutant emission factors			
1	IDLFLG	- No idle emissions calculated or printed			
3	NMHFLG	- Print HC = volatile organic compounds (VOC)			
1	HCFLAG	- Print total HC			
Victoria 93		91.1 91.1 08.3 08.7 92	LAP		
1 93	30.0 91.1 20.6 27.3 20.6 7		SCN	1.A	

Table III-13
Summer 1993 Victoria County MOBILE5a Set-Up
for Time Period 4

1996	PROMPT					
1	Victoria County	1993 Estimated Emissions - TP 4				
1	TAMFLG	- Default: Tampering Rates				
1	SPDFLG	- User input: one speed for all vehicle types				
1	VMFLAG	- MOBILE5A VHT Mix for 1993				
1	MYMRFG	- Mobile5a Vehicle Registration Distribution				
1	NEWFLG	- Default: Basic exhaust emission rates				
1	IMFLAG	- no I/M				
1	ALHFLG	- No additional correction factors				
1	ATPFLG	- no atp				
5	RLFLAG	- Zero-out refueling emissions				
2	LOCFLG	- User input: one LAP record for all scenarios				
2	TEMFLG	- User input temperature				
4	OUTFMT	- 80-column descriptive format				
4	PRTFLG	- Print all three pollutant emission factors				
1	IDLFLG	- No idle emissions calculated or printed				
3	NMHFLG	- Print HC = volatile organic compounds (VOC)				
1	HCFLAG	- Print total HC				
Victoria 93		79.6 79.6 08.3 08.7 92		LAP		
1 93	30.0 79.6 20.6 27.3 20.6 7			SCN		1.A

Table III-14
Summer 1990 Victoria County MOBILE5a Set-Up
for 24-Hour Diurnal Rates

1	PROMPT					
1	Victoria County	1993 Estimated Emissions				
1	TAMFLG	- Default: Tampering Rates				
1	SPDFLG	- User input: one speed for all vehicle types				
1	VMFLAG	- MOBILE5A VHT Mix for 1993				
1	MYMRFG	- Mobile5a Vehicle Registration Distribution				
1	NEWFLG	- Default: Basic exhaust emission rates				
1	IMFLAG	- no I/M				
1	ALHFLG	- No additional correction factors				
1	ATPFLG	- no atp				
5	RLFLAG	- Zero-out refueling emissions				
2	LOCFLG	- User input: one LAP record for all scenarios				
1	TEMFLG	- MOBILE5A calculates exhaust temperatures				
3	OUTFMT	- 112-Descriptive format				
4	PRTFLG	- Print all three pollutant emission factors				
1	IDLFLG	- No idle emissions calculated or printed				
3	NMHFLG	- Print HC = volatile organic compounds (VOC)				
3	HCFLAG	- HC components				
Victoria 93		74.5 93.2 08.3 08.7 92		LAP		
1 93	30.0 87.0 20.6 27.3 20.6 7			SCN		

Table III-15
Summer 1996 Victoria County MOBILE5a Set-Up
for Time Period 1

1996	PROMPT					
1	Victoria County	1996 Estimated Emissions - TP 1				
1	TAMFLG	- Default: Tampering Rates				
1	SPDFLG	- User input: one speed for all vehicle types				
1	VMFLAG	- MOBILE5A VHT Mix for 1996				
1	MYMRFG	- Mobile5a Vehicle Registration Distribution				
1	NEWFLG	- Default: Basic exhaust emission rates				
1	IMFLAG	- no I/M				
1	ALHFLG	- No additional correction factors				
1	ATPFLG	- no atp				
5	RLFLAG	- Zero-out refueling emissions				
2	LOCFLG	- User input: one LAP record for all scenarios				
2	TEMFLG	- User input temperature				
4	OUTFMT	- 80-column descriptive format				
4	PRTFLG	- Print all three pollutant emission factors				
1	IDLFLG	- No idle emissions calculated or printed				
3	NMHFLG	- Print HC = volatile organic compounds (VOC)				
1	HCFLAG	- Print total HC				
Victoria 96		79.4	79.4	08.3	08.7	92
1 96	30.0	79.4	20.6	27.3	20.6	7
					LAP	
					SCN	1.A

Table III-16
Summer 1996 Victoria County MOBILE5a Set-Up
for Time Period 2

1996	PROMPT					
1	Victoria County	1996 Estimated Emissions - TP 2				
1	TAMFLG	- Default: Tampering Rates				
1	SPDFLG	- User input: one speed for all vehicle types				
1	VMFLAG	- MOBILE5A VHT Mix for 1996				
1	MYMRFG	- Mobile5a Vehicle Registration Distribution				
1	NEWFLG	- Default: Basic exhaust emission rates				
1	IMFLAG	- no I/M				
1	ALHFLG	- No additional correction factors				
1	ATPFLG	- no atp				
5	RLFLAG	- Zero-out refueling emissions				
2	LOCFLG	- User input: one LAP record for all scenarios				
2	TEMFLG	- User input temperature				
4	OUTFMT	- 80-column descriptive format				
4	PRTFLG	- Print all three pollutant emission factors				
1	IDLFLG	- No idle emissions calculated or printed				
3	NMHFLG	- Print HC = volatile organic compounds (VOC)				
1	HCFLAG	- Print total HC				
Victoria 96		90.0	90.0	08.3	08.7	92
1 96	30.0	90.0	20.6	27.3	20.6	7
					LAP	
					SCN	1.A

Table III-17
Summer 1996 Victoria County MOBILE5a Set-Up
for Time Period 3

1996	PROMPT						
1	Victoria County	1996 Estimated Emissions - TP 3					
1	TAMFLG	- Default: Tampering Rates					
1	SPDFLG	- User input: one speed for all vehicle types					
1	VMFLAG	- MOBILE5A VHT Mix for 1996					
1	MYMRFG	- Mobile5a Vehicle Registration Distribution					
1	NEWFLG	- Default: Basic exhaust emission rates					
1	IMFLAG	- no I/M					
1	ALHFLG	- No additional correction factors					
1	ATPFLG	- no atp					
5	RLFLAG	- Zero-out refueling emissions					
2	LOCFLG	- User input: one LAP record for all scenarios					
2	TEMFLG	- User input temperature					
4	OUTFMT	- 80-column descriptive format					
4	PRTFLG	- Print all three pollutant emission factors					
1	IDLFLG	- No idle emissions calculated or printed					
3	NMHFLG	- Print HC = volatile organic compounds (VOC)					
1	HCFLAG	- Print total HC					
Victoria 96		91.1 91.1 08.3 08.7 92			LAP		
1 96	30.0 91.1 20.6 27.3 20.6 7				SCN	1.A	

Table III-18
Summer 1996 Victoria County MOBILE5a Set-Up
for Time Period 4

1996	PROMPT						
1	Victoria County	1996 Estimated Emissions - TP 4					
1	TAMFLG	- Default: Tampering Rates					
1	SPDFLG	- User input: one speed for all vehicle types					
1	VMFLAG	- MOBILE5A VHT Mix for 1996					
1	MYMRFG	- Mobile5a Vehicle Registration Distribution					
1	NEWFLG	- Default: Basic exhaust emission rates					
1	IMFLAG	- no I/M					
1	ALHFLG	- No additional correction factors					
1	ATPFLG	- no atp					
5	RLFLAG	- Zero-out refueling emissions					
2	LOCFLG	- User input: one LAP record for all scenarios					
2	TEMFLG	- User input temperature					
4	OUTFMT	- 80-column descriptive format					
4	PRTFLG	- Print all three pollutant emission factors					
1	IDLFLG	- No idle emissions calculated or printed					
3	NMHFLG	- Print HC = volatile organic compounds (VOC)					
1	HCFLAG	- Print total HC					
Victoria 96		79.6 79.6 08.3 08.7 92			LAP		
1 96	30.0 79.6 20.6 27.3 20.6 7				SCN	1.A	

Table III-19
Summer 1996 Victoria County MOBILE5a Set-Up
for 24-Hour Diurnal Rates

1	PROMPT					
1	Victoria County	1996 Estimated Emissions				
1	TAMFLG	- Default: Tampering Rates				
1	SPDFLG	- User input: one speed for all vehicle types				
1	VMFLAG	- MOBILE5A VHT Mix for 1996				
1	MYMRFG	- Mobile5a Vehicle Registration Distribution				
1	NEWFLG	- Default: Basic exhaust emission rates				
1	IMFLAG	- no I/M				
1	ALHFLG	- No additional correction factors				
1	ATPFLG	- no atp				
5	RLFLAG	- Zero-out refueling emissions				
2	LOCFLG	- User input: one LAP record for all scenarios				
1	TEMFLG	- MOBILE5A calculates exhaust temperatures				
3	OUTFMT	- 112-Descriptive format				
4	PRTFLG	- Print all three pollutant emission factors				
1	IDLFLG	- No idle emissions calculated or printed				
3	NMHFLG	- Print HC = volatile organic compounds (VOC)				
3	HCFLAG	- HC components				
Victoria 96		74.5 93.2 08.3 08.7 92			LAP	
1 96	30.0 87.0 20.6 27.3 20.6 7				SCN	

Table III-20
Summer 2006 Victoria County MOBILE5a Set-Up
for Time Period 1

1996	PROMPT					
1	Victoria County	2006 Estimated Emissions - TP 1				
1	TAMFLG	- Default: Tampering Rates				
1	SPDFLG	- User input: one speed for all vehicle types				
1	VMFLAG	- MOBILE5A VHT Mix for 1996				
1	MYMRFG	- Mobile5a Vehicle Registration Distribution				
1	NEWFLG	- Default: Basic exhaust emission rates				
1	IMFLAG	- no I/M				
1	ALHFLG	- No additional correction factors				
1	ATPFLG	- no atp				
5	RLFLAG	- Zero-out refueling emissions				
2	LOCFLG	- User input: one LAP record for all scenarios				
2	TEMFLG	- User input temperature				
4	OUTFMT	- 80-column descriptive format				
4	PRTFLG	- Print all three pollutant emission factors				
1	IDLFLG	- No idle emissions calculated or printed				
3	NMHFLG	- Print HC = volatile organic compounds (VOC)				
1	HCFLAG	- Print total HC				
Victoria 2006		79.4 79.4 08.3 08.7 92			LAP	
1 06	30.0 79.4 20.6 27.3 20.6 7				SCN	1.A

Table III-21
Summer 2006 Victoria County MOBILE5a Set-Up
for Time Period 2

1996	PROMPT						
1	Victoria County	2006 Estimated Emissions - TP 2					
1	TAMFLG	- Default: Tampering Rates					
1	SPDFLG	- User input: one speed for all vehicle types					
1	VMFLAG	- MOBILE5A VHT Mix for 1996					
1	MYMRFG	- Mobile5a Vehicle Registration Distribution					
1	NEWFLG	- Default: Basic exhaust emission rates					
1	IMFLAG	- no I/M					
1	ALHFLG	- No additional correction factors					
1	ATPFLG	- no atp					
5	RLFLAG	- Zero-out refueling emissions					
2	LOCFLG	- User input: one LAP record for all scenarios					
2	TEMFLG	- User input temperature					
4	OUTFMT	- 80-column descriptive format					
4	PRTFLG	- Print all three pollutant emission factors					
1	IDLFLG	- No idle emissions calculated or printed					
3	NMHFLG	- Print HC = volatile organic compounds (VOC)					
1	HCFLAG	- Print total HC					
Victoria 2006		90.0 90.0 08.3 08.7 92			LAP		
1 06 30.0 90.0 20.6 27.3 20.6 7					SCN	1.A	

Table III-22
Summer 2006 Victoria County MOBILE5a Set-Up
for Time Period 3

1996	PROMPT						
1	Victoria County	2006 Estimated Emissions - TP 3					
1	TAMFLG	- Default: Tampering Rates					
1	SPDFLG	- User input: one speed for all vehicle types					
1	VMFLAG	- MOBILE5A VHT Mix for 1996					
1	MYMRFG	- Mobile5a Vehicle Registration Distribution					
1	NEWFLG	- Default: Basic exhaust emission rates					
1	IMFLAG	- no I/M					
1	ALHFLG	- No additional correction factors					
1	ATPFLG	- no atp					
5	RLFLAG	- Zero-out refueling emissions					
2	LOCFLG	- User input: one LAP record for all scenarios					
2	TEMFLG	- User input temperature					
4	OUTFMT	- 80-column descriptive format					
4	PRTFLG	- Print all three pollutant emission factors					
1	IDLFLG	- No idle emissions calculated or printed					
3	NMHFLG	- Print HC = volatile organic compounds (VOC)					
1	HCFLAG	- Print total HC					
Victoria 2006		91.1 91.1 08.3 08.7 92			LAP		
1 06 30.0 91.1 20.6 27.3 20.6 7					SCN	1.A	

Table III-23
Summer 2006 Victoria County MOBILE5a Set-Up
for Time Period 4

1996	PROMPT				
1	Victoria County	2006 Estimated Emissions - TP 4			
1	TAMFLG	- Default: Tampering Rates			
1	SPDFLG	- User input: one speed for all vehicle types			
1	VMFLAG	- MOBILE5A VHT Mix for 1996			
1	MYMRFG	- Mobile5a Vehicle Registration Distribution			
1	NEWFLG	- Default: Basic exhaust emission rates			
1	IMFLAG	- no I/M			
1	ALHFLG	- No additional correction factors			
1	ATPFLG	- no atp			
5	RLFLAG	- Zero-out refueling emissions			
2	LOCFLG	- User input: one LAP record for all scenarios			
2	TEMFLG	- User input temperature			
4	OUTFMT	- 80-column descriptive format			
4	PRTFLG	- Print all three pollutant emission factors			
1	IDLFLG	- No idle emissions calculated or printed			
3	NMHFLG	- Print HC = volatile organic compounds (VOC)			
1	HCFLAG	- Print total HC			
Victoria 2006		79.6 79.6 08.3 08.7 92		LAP	
1 06 30.0 79.6 20.6 27.3 20.6 7				SCN	1.A

Table III-24
Summer 2006 Victoria County MOBILE5a Set-Up
for 24-Hour Diurnal Rates

1	PROMPT				
1	Victoria County	2006 Estimated Emissions			
1	TAMFLG	- Default: Tampering Rates			
1	SPDFLG	- User input: one speed for all vehicle types			
1	VMFLAG	- MOBILE5A VHT Mix for 1996			
1	MYMRFG	- Mobile5a Vehicle Registration Distribution			
1	NEWFLG	- Default: Basic exhaust emission rates			
1	IMFLAG	- no I/M			
1	ALHFLG	- No additional correction factors			
1	ATPFLG	- no atp			
5	RLFLAG	- Zero-out refueling emissions			
2	LOCFLG	- User input: one LAP record for all scenarios			
1	TEMFLG	- MOBILE5A calculates exhaust temperatures			
3	OUTFMT	- 112-Descriptive format			
4	PRTFLG	- Print all three pollutant emission factors			
1	IDLFLG	- No idle emissions calculated or printed			
3	NMHFLG	- Print HC = volatile organic compounds (VOC)			
3	HCFLAG	- HC components			
Victoria 2006		74.5 93.2 08.3 08.7 92		LAP	
1 06 30.0 87.0 20.6 27.3 20.6 7				SCN	

**Table III-25
Summer 2015 Victoria County MOBILE5a Set-Up
for Time Period 1**

1996	PROMPT							
1	Victoria County	2015 Estimated Emissions - TP 1						
1	TAMFLG	- Default: Tampering Rates						
1	SPDFLG	- User input: one speed for all vehicle types						
1	VMFLAG	- MOBILE5A VHT Mix for 1996						
1	MYMFRG	- Mobile5a Vehicle Registration Distribution						
1	NEWFLG	- Default: Basic exhaust emission rates						
1	IMFLAG	- no I/M						
1	ALHFLG	- No additional correction factors						
1	ATPFLG	- no atp						
5	RLFLAG	- Zero-out refueling emissions						
2	LOCFLG	- User input: one LAP record for all scenarios						
2	TEMFLG	- User input temperature						
4	OUTFMT	- 80-column descriptive format						
4	PRTFLG	- Print all three pollutant emission factors						
1	IDLFLG	- No idle emissions calculated or printed						
3	NMHFLG	- Print HC = volatile organic compounds (VOC)						
1	HCFLAG	- Print total HC						
Victoria 2015		79.4 79.4 08.3 08.7 92				LAP		
1 15 30.0 79.4 20.6 27.3 20.6 7						SCN	1.A	

**Table III-26
Summer 2015 Victoria County MOBILE5a Set-Up
for Time Period 2**

1996	PROMPT							
1	Victoria County	2015 Estimated Emissions - TP 2						
1	TAMFLG	- Default: Tampering Rates						
1	SPDFLG	- User input: one speed for all vehicle types						
1	VMFLAG	- MOBILE5A VHT Mix for 1996						
1	MYMFRG	- Mobile5a Vehicle Registration Distribution						
1	NEWFLG	- Default: Basic exhaust emission rates						
1	IMFLAG	- no I/M						
1	ALHFLG	- No additional correction factors						
1	ATPFLG	- no atp						
5	RLFLAG	- Zero-out refueling emissions						
2	LOCFLG	- User input: one LAP record for all scenarios						
2	TEMFLG	- User input temperature						
4	OUTFMT	- 80-column descriptive format						
4	PRTFLG	- Print all three pollutant emission factors						
1	IDLFLG	- No idle emissions calculated or printed						
3	NMHFLG	- Print HC = volatile organic compounds (VOC)						
1	HCFLAG	- Print total HC						
Victoria 2015		90.0 90.0 08.3 08.7 92				LAP		
1 15 30.0 90.0 20.6 27.3 20.6 7						SCN	1.A	

Table III-27
Summer 2015 Victoria County MOBILE5a Set-Up
for Time Period 3

1996	PROMPT							
1	Victoria County	2015 Estimated Emissions - TP 3						
1	TAMFLG	- Default: Tampering Rates						
1	SPDFLG	- User input: one speed for all vehicle types						
1	VMFLAG	- MOBILE5A VHT Mix for 1996						
1	MYMRFG	- Mobile5a Vehicle Registration Distribution						
1	NEWFLG	- Default: Basic exhaust emission rates						
1	IMFLAG	- no I/M						
1	ALHFLG	- No additional correction factors						
1	ATPFLG	- no atp						
5	RLFLAG	- Zero-out refueling emissions						
2	LOCFLG	- User input: one LAP record for all scenarios						
2	TEMFLG	- User input temperature						
4	OUTFMT	- 80-column descriptive format						
4	PRTFLG	- Print all three pollutant emission factors						
1	IDLFLG	- No idle emissions calculated or printed						
3	NMHFLG	- Print HC = volatile organic compounds (VOC)						
1	HCFLAG	- Print total HC						
Victoria 2015		91.1	91.1	08.3	08.7	92	LAP	
1 15 30.0	91.1 20.6	27.3	20.6	7			SCN	1.A

Table III-28
Summer 2015 Victoria County MOBILE5a Set-Up
for Time Period 4

1996	PROMPT							
1	Victoria County	2015 Estimated Emissions - TP 4						
1	TAMFLG	- Default: Tampering Rates						
1	SPDFLG	- User input: one speed for all vehicle types						
1	VMFLAG	- MOBILE5A VHT Mix for 1996						
1	MYMRFG	- Mobile5a Vehicle Registration Distribution						
1	NEWFLG	- Default: Basic exhaust emission rates						
1	IMFLAG	- no I/M						
1	ALHFLG	- No additional correction factors						
1	ATPFLG	- no atp						
5	RLFLAG	- Zero-out refueling emissions						
2	LOCFLG	- User input: one LAP record for all scenarios						
2	TEMFLG	- User input temperature						
4	OUTFMT	- 80-column descriptive format						
4	PRTFLG	- Print all three pollutant emission factors						
1	IDLFLG	- No idle emissions calculated or printed						
3	NMHFLG	- Print HC = volatile organic compounds (VOC)						
1	HCFLAG	- Print total HC						
Victoria 2015		79.6	79.6	08.3	08.7	92	LAP	
1 15 30.0	79.6 20.6	27.3	20.6	7			SCN	1.A

Table III-29
Summer 2015 Victoria County MOBILE5a Set-Up
for 24-Hour Diurnal Rates

1	PROMPT		
1	Victoria County	2015 Estimated Emissions	
1	TAMFLG	- Default: Tampering Rates	
1	SPDFLG	- User input: one speed for all vehicle types	
1	VMFLAG	- MOBILE5A VHT Mix for 1996	
1	MYMRFG	- Mobile5a Vehicle Registration Distribution	
1	NEWFLG	- Default: Basic exhaust emission rates	
1	IMFLAG	- no I/M	
1	ALHFLG	- No additional correction factors	
1	ATPFLG	- no atp	
5	RLFLAG	- Zero-out refueling emissions	
2	LOCFLG	- User input: one LAP record for all scenarios	
1	TEMFLG	- MOBILE5A calculates exhaust temperatures	
3	OUTFMT	- 112-Descriptive format	
4	PRTFLG	- Print all three pollutant emission factors	
1	IDLFLG	- No idle emissions calculated or printed	
3	NMHFLG	- Print HC = volatile organic compounds (VOC)	
3	HCFLAG	- HC components	
	Victoria 2015	74.5 93.2 08.3 08.7 92	LAP
	1 15 30.0 87.0 20.6 27.3 20.6 7		SCN

EMISSION RATES

The emission rates are presented in Appendix A. The 24-hour diurnal emission rates for a given application (i.e., a given year and season) are stratified only by vehicle type. The emission factors used in computing the emissions produced on individual links in the highway network for a given application are by the four time-of-day time periods, the eight vehicle types, and 63 speeds (i.e., 3 mph through 65 mph).

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 24-hour emission estimates are prepared by computing the 24-hour diurnal estimates and combining the diurnal estimates with the results from each of the four time-of-day periods. 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; and it also provides a brief summary of the Build versus No Build results for the Victoria FY-94 TIP.

ESTIMATION OF TIME-OF-DAY EMISSIONS

For a given year and season, the mobile source emissions for each of the four time-of-day periods were computed using IMPSUM. IMPSUM is one of a series of programs developed by TTI to facilitate the computation of emissions. IMPSUM uses emission factors obtained from POLFAC5A (or COADJ), the user-estimated VMT mixes, and the VMT/speed estimates to compute the emissions by county. TTI Research Report 1279-2, "User's Guide for the Texas Mobile Source Emission Estimation Software: PREPIN, POLFAC5A, COADJ, IMPSUM, and SUMALL," provides a detailed description of these programs.

The basic inputs for the conformity applications of IMPSUM for Victoria 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 conformity analyses are the functional classes used in the networks.
3. VMT mix by county used in the MOBILE5a set-ups.
4. Emission factors from POLFAC5A or COADJ by county.
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.

As may be recalled, the emission rates produced using MOBILE5a are stratified by eight vehicle types. Hence, 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. IMPSUM 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 emission 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. The emission results are accumulated for each county by vehicle type and roadway type.

ESTIMATION OF 24-HOUR EMISSIONS

For Victoria applications, PREPIN, POLFAC5A, and IMPSUM were applied to estimate the mobile source emissions for each of the four time-of-day time periods for each scenario. The four time-of-day estimates must be combined with the diurnal estimates to obtain the 24-hour emission estimates. SUMALL, a utility program, was used to compute the 24-hour emission estimates for Victoria.

SUMALL is designed to sum the results from two or more IMPSUM applications (i.e., time-of-day applications). SUMALL also provides the option of calculating the 24-hour diurnal emission estimates. The diurnal estimates are combined with the time-of-day estimates (which exclude diurnals) to obtain the 24-hour emission estimates. The 24-hour tabular summaries produced by SUMALL are essentially the same as those produced for the individual time-of-day periods by IMPSUM.

As previously noted, MOBILE5a is not structured to compute diurnal emissions for less than a 24-hour time period; therefore, a separate run of MOBILE5a was made to calculate the diurnal emissions for each application year and season. Diurnal emissions are produced by LDGV, LDGT1, LDGT, HDGV, and MC vehicle types. Diesel vehicle types do not produce diurnal emissions. Multiple diurnal emissions are produced by LDGV, LDGT1, LDGT2, and HDGV. According to Terry Newell, U.S. EPA Motor Vehicle Laboratory, 12.26 percent of LDGV, LDGT1, and LDGT2 vehicle types and 23.1 percent of HDGV vehicles undergo multiple diurnals. These percentages were applied to the total number of vehicles by vehicle type to calculate the number of vehicles of multiple diurnals.

BUILD VERSUS NO BUILD RESULTS FOR THE FY-94 TIP

An important part of the conformity analysis of the Victoria FY-94 TIP is the comparison of the Build versus No Build emission estimates. Table IV-1 summarizes the 24-hour emission estimates for the Build and No Build options for summer 1996. Table IV-2 provides similar results for the summer of 2006. Finally, Table IV-3 presents the summer estimates for 2015. As may be observed in each of the three tables, the VOC, CO, NOX estimates for the Build option is consistently lower than the No Build for the same year and season.

Table IV-1
Summer 1996 24-Hour Emission Estimates for the
Victoria FY-94 TIP

Emission Type	No Build Option Emissions	Build Option Emissions	Difference in Emissions
VOC (pounds)	8,386.3	8,386.2	0.1
CO (pounds)	69,694.6	69,694.0	0.6
NOX (pounds)	14,368.6	14,386.5	0.1

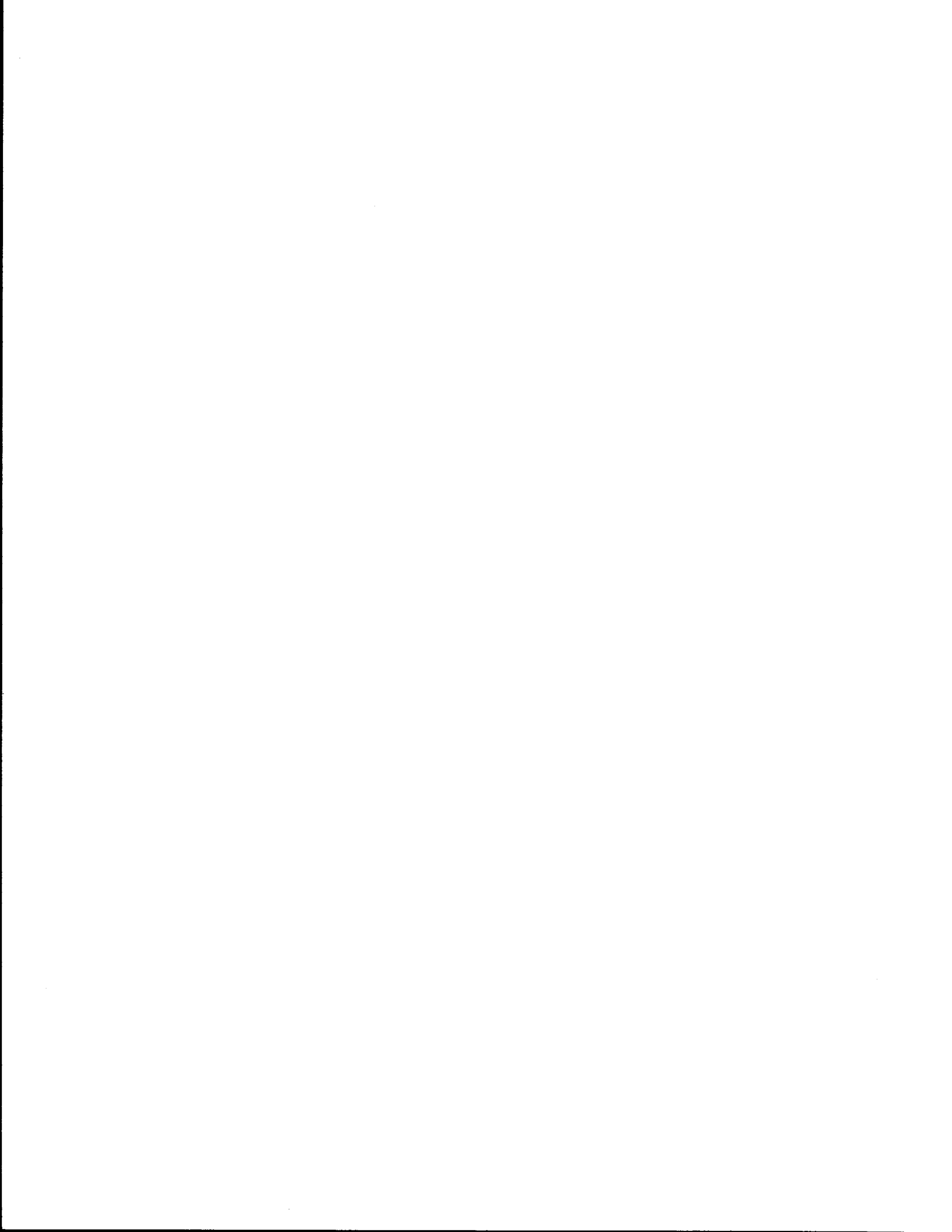
Table IV-2
Summer 2006 24-Hour Emission Estimates for the
Victoria FY-94 TIP

Emission Type	No Build Option Emissions	Build Option Emissions	Difference in Emissions
VOC (pounds)	7,412.1	7,327.1	85.0
CO (pounds)	51,478.4	50,778.3	700.1
NOX (pounds)	12,724.1	12,722.0	2.1

Table IV-3
Summer 2015 24-Hour Emission Estimates for the
Victoria FY-94 TIP

Emission Type	No-Build Option Emissions	Build Option Emissions	Difference in Emissions
VOC (pounds)	7,272.7	7,130.7	142.0
CO (pounds)	53,610.1	52,268.1	1,342.0
NOX (pounds)	13,283.6	13,282.7	0.9

**APPENDIX A:
EMISSION RATES DEVELOPED FOR CONFORMITY ANALYSIS
OF THE VICTORIA FY-94 TIP**



**Table A-1
Victoria 1990 VOC Emission Rates
for Time Period 1**

	LDGV	LTGT1	LDGT2	HGV	LDDV	LDDT	HDDV	MC
3 VOC	16.01554	19.72316	32.04923	42.26063	1.53496	2.28073	6.96399	11.98957
4 VOC	11.67587	14.65421	23.65708	34.67390	1.45730	2.16534	6.61165	10.10563
5 VOC	9.21609	11.68810	18.72386	30.08957	1.38479	2.05759	6.28265	8.71205
6 VOC	7.63576	9.74159	15.47636	26.81555	1.31704	1.95693	5.97529	7.66134
7 VOC	6.53802	8.37209	13.18862	24.25491	1.25371	1.86283	5.68797	6.85534
8 VOC	5.81847	7.45591	11.64376	22.36319	1.19448	1.77482	5.41922	6.22725
9 VOC	5.26275	6.74503	10.45030	20.71720	1.13904	1.69245	5.16773	5.73072
10 VOC	4.81429	6.17115	9.49437	19.25109	1.08714	1.61533	4.93224	5.33292
11 VOC	4.44428	5.69798	8.71363	17.93881	1.03851	1.54307	4.71162	5.01024
12 VOC	4.13320	5.30049	8.06489	16.75973	0.99293	1.47535	4.50484	4.74535
13 VOC	3.86740	4.96092	7.51741	15.69704	0.95019	1.41184	4.31093	4.52540
14 VOC	3.63703	4.66634	7.04879	14.73673	0.91009	1.35226	4.12899	4.34067
15 VOC	3.43481	4.40714	6.64238	13.86694	0.87245	1.29633	3.95821	4.18375
16 VOC	3.25528	4.17606	6.28559	13.07752	0.83710	1.24381	3.79784	4.04890
17 VOC	3.09424	3.96757	5.96880	12.35969	0.80389	1.19446	3.64717	3.93167
18 VOC	2.94845	3.77735	5.68451	11.70585	0.77268	1.14809	3.50557	3.82854
19 VOC	2.81535	3.60208	5.42690	11.10931	0.74333	1.10448	3.37243	3.73673
20 VOC	2.69729	3.46641	5.22219	10.56767	0.71573	1.06347	3.24720	3.65404
21 VOC	2.59599	3.34601	5.03177	10.07749	0.68976	1.02488	3.12937	3.57873
22 VOC	2.50306	3.23452	4.85694	9.62903	0.66532	0.98856	3.01848	3.50943
23 VOC	2.41734	3.13064	4.69541	9.21826	0.64230	0.95437	2.91408	3.44506
24 VOC	2.33793	3.03341	4.54535	8.84159	0.62063	0.92217	2.81576	3.38478
25 VOC	2.26405	2.94205	4.40530	8.49581	0.60022	0.89184	2.72316	3.32795
26 VOC	2.19509	2.85597	4.27411	8.17807	0.58100	0.86327	2.63592	3.27409
27 VOC	2.13054	2.77473	4.15087	7.88582	0.56288	0.83635	2.55372	3.22285
28 VOC	2.06996	2.69800	4.03487	7.61679	0.54581	0.81099	2.47627	3.17401
29 VOC	2.01301	2.62550	3.92554	7.36892	0.52972	0.78708	2.40328	3.12740
30 VOC	1.95938	2.55703	3.82242	7.14038	0.51456	0.76455	2.33449	3.08294
31 VOC	1.90880	2.49243	3.72517	6.92953	0.50027	0.74332	2.26967	3.04059
32 VOC	1.86108	2.43157	3.63348	6.73488	0.48680	0.72332	2.20859	3.00035
33 VOC	1.81600	2.37433	3.54711	6.55510	0.47412	0.70447	2.15104	2.96225
34 VOC	1.77340	2.32060	3.46586	6.38899	0.46217	0.68672	2.09684	2.92632
35 VOC	1.73313	2.27027	3.38952	6.23546	0.45093	0.67001	2.04581	2.89262
36 VOC	1.69505	2.22324	3.31793	6.09354	0.44034	0.65428	1.99777	2.86119
37 VOC	1.65903	2.17941	3.25093	5.96234	0.43038	0.63948	1.95258	2.83207
38 VOC	1.62496	2.13864	3.18832	5.84107	0.42101	0.62556	1.91009	2.80529
39 VOC	1.59272	2.10084	3.12996	5.72901	0.41221	0.61249	1.87018	2.78086
40 VOC	1.56221	2.06584	3.07565	5.62551	0.40395	0.60022	1.83270	2.75877
41 VOC	1.53332	2.03353	3.02520	5.52997	0.39621	0.58871	1.79756	2.73900
42 VOC	1.50595	2.00372	2.97840	5.44187	0.38895	0.57793	1.76465	2.72147
43 VOC	1.47999	1.97624	2.93503	5.36074	0.38217	0.56785	1.73386	2.70611
44 VOC	1.45535	1.95089	2.89482	5.28613	0.37583	0.55843	1.70512	2.69278
45 VOC	1.43190	1.92745	2.85750	5.21766	0.36993	0.54966	1.67832	2.68132
46 VOC	1.40954	1.90564	2.82276	5.15498	0.36443	0.54149	1.65340	2.67151
47 VOC	1.38813	1.88517	2.79023	5.09777	0.35934	0.53392	1.63028	2.66308
48 VOC	1.36774	1.86569	2.75930	5.04529	0.35463	0.52692	1.60890	2.65571
49 VOC	1.36390	1.86141	2.75187	4.99383	0.35028	0.52047	1.58920	2.65571
50 VOC	1.36028	1.85738	2.74487	4.94759	0.34630	0.51455	1.57113	2.65571
51 VOC	1.35687	1.85358	2.73827	4.90631	0.34266	0.50914	1.55462	2.65571
52 VOC	1.35364	1.84998	2.73204	4.86980	0.33936	0.50424	1.53965	2.65571
53 VOC	1.35059	1.84659	2.72616	4.83788	0.33639	0.49982	1.52616	2.65571
54 VOC	1.34771	1.84338	2.72060	4.81039	0.33373	0.49588	1.51412	2.65571
55 VOC	1.34497	1.84033	2.71534	4.78720	0.33139	0.49240	1.50350	2.65571
56 VOC	1.41089	1.94371	2.87212	4.76820	0.32936	0.48938	1.49426	2.74703
57 VOC	1.47694	2.04723	3.02916	4.75331	0.32762	0.48680	1.48639	2.83834
58 VOC	1.54311	2.15089	3.18645	4.74246	0.32618	0.48466	1.47987	2.92966
59 VOC	1.60939	2.25468	3.34395	4.73561	0.32504	0.48296	1.47467	3.02097
60 VOC	1.67578	2.35859	3.50166	4.73273	0.32418	0.48169	1.47078	3.11229
61 VOC	1.74227	2.46261	3.65957	4.73383	0.32361	0.48084	1.46819	3.20360
62 VOC	1.80886	2.56673	3.81766	4.73891	0.32333	0.48042	1.46690	3.29492
63 VOC	1.87553	2.67095	3.97593	4.74802	0.32333	0.48042	1.46690	3.38623
64 VOC	1.94228	2.77527	4.13435	4.76122	0.32361	0.48084	1.46819	3.47755
65 VOC	2.00911	2.87967	4.29292	4.77857	0.32418	0.48169	1.47078	3.56886

Table A-2
Victoria 1990 CO Emission Rates
for Time Period 1

	LDGV	LTGT1	LDGT2	HDBGV	LDDV	LDDT	HDDV	MC
3 CO	151.74310192	114.59313	254.03478	9.95911	5.15393	6.21866	41.98945	142.30719
4 CO	115.72948147	74.423241	573.68437	6.0425	4.74993	5.73120	38.69802	113.49147
5 CO	93.42033119	44.949194	64.6691400	7.0081	4.38557	5.29156	35.72956	92.68391
6 CO	78.27713	99.97414161	80.908367	7.1756	4.05654	4.89456	33.04890	77.32399
7 CO	67.36922	85.88055	137.79753	338.19238	3.75903	4.53558	30.62505	65.75508
8 CO	59.17202	75.30154	119.65790	311.72299	3.48968	4.21060	28.43066	56.87937
9 CO	52.81018	67.12988	105.59344	287.95810	3.24553	3.91601	26.44160	49.95316
10 CO	47.74455	60.66731	94.44935	266.59088	3.02397	3.64867	24.63648	44.46215
11 CO	43.62499	55.45239	85.45235	247.35263	2.82266	3.40578	22.99641	40.04384
12 CO	40.21445	51.16875	78.06752	230.00821	2.63955	3.18485	21.50463	36.43817
13 CO	37.34696	47.59278	71.91479	214.35104	2.47282	2.98367	20.14625	33.45554
14 CO	34.90305	44.56239	66.71806	200.19968	2.32084	2.80029	18.90806	30.95562
15 CO	32.79462	41.95756	62.27278	187.39432	2.18217	2.63297	17.77830	28.83319
16 CO	30.95549	39.68792	58.42496	175.79437	2.05552	2.48016	16.74648	27.00842
17 CO	29.33505	37.68452	55.05707	165.27573	1.93975	2.34048	15.80329	25.42012
18 CO	27.89412	35.89423	52.07832	155.72865	1.83384	2.21268	14.94039	24.02104
19 CO	26.60200	34.27593	49.41801	147.05624	1.73686	2.09567	14.15034	22.77445
20 CO	25.46553	33.08462	47.41087	139.17261	1.64801	1.98847	13.42647	21.65170
21 CO	24.45944	31.94087	45.54597	132.00171	1.56656	1.89018	12.76285	20.63041
22 CO	23.53805	30.87381	43.83710	125.47607	1.49184	1.80003	12.15412	19.69313
23 CO	22.68964	29.87169	42.26054	119.53570	1.42327	1.71730	11.59551	18.82624
24 CO	21.90479	28.92591	40.79765	114.12737	1.36033	1.64136	11.08273	18.01923
25 CO	21.17590	28.03038	39.43386	109.20372	1.30255	1.57163	10.61193	17.26405
26 CO	20.49685	27.18089	38.15777	104.72262	1.24948	1.50761	10.17963	16.55454
27 CO	19.86264	26.37475	36.96055	100.64657	1.20077	1.44883	9.78273	15.88611
28 CO	19.26922	25.61023	35.83533	96.94221	1.15605	1.39487	9.41843	15.25533
29 CO	18.71323	24.88639	34.77679	93.57986	1.11503	1.34538	9.08422	14.65972
30 CO	18.19188	24.20270	33.78080	90.53307	1.07742	1.30000	8.77782	14.09745
31 CO	17.70280	23.55891	32.84410	87.77838	1.04298	1.25844	8.49721	13.56721
32 CO	17.24396	22.95485	31.96411	85.29494	1.01148	1.22043	8.24056	13.06804
33 CO	16.81358	22.39036	31.13865	83.06431	0.98271	1.18572	8.00622	12.59921
34 CO	16.41009	21.86515	30.36586	81.07016	0.95650	1.15410	7.79271	12.16013
35 CO	16.03203	21.37884	29.64406	79.29817	0.93269	1.12537	7.59871	11.75021
36 CO	15.67809	20.93089	28.97169	77.73573	0.91113	1.09936	7.42304	11.36890
37 CO	15.34703	20.52055	28.34718	76.37192	0.89169	1.07590	7.26464	11.01560
38 CO	15.03765	20.14691	27.76889	75.19729	0.87425	1.05486	7.12257	10.68957
39 CO	14.74882	19.80886	27.23517	74.20380	0.85871	1.03611	6.99600	10.39001
40 CO	14.47941	19.50509	26.74417	73.38467	0.84499	1.01955	6.88420	10.11591
41 CO	14.22831	19.23403	26.29395	72.73446	0.83300	1.00509	6.78652	9.86612
42 CO	13.99438	18.99384	25.88226	72.24876	0.82268	0.99263	6.70242	9.63934
43 CO	13.77646	18.78232	25.50672	71.92438	0.81396	0.98212	6.63142	9.43399
44 CO	13.57329	18.59689	25.16451	71.75912	0.80681	0.97348	6.57312	9.24829
45 CO	13.38354	18.43438	24.85257	71.75195	0.80117	0.96668	6.52720	9.08016
46 CO	13.20570	18.29097	24.56726	71.90279	0.79702	0.96168	6.49341	8.92725
47 CO	13.03814	18.16207	24.30455	72.21265	0.79434	0.95844	6.47157	8.78680
48 CO	12.87898	18.04219	24.05969	72.68356	0.79311	0.95696	6.46154	8.65575
49 CO	12.87898	18.04219	24.05969	73.31867	0.79333	0.95722	6.46329	8.65575
50 CO	12.87898	18.04219	24.05969	74.12221	0.79499	0.95922	6.47681	8.65575
51 CO	12.87898	18.04219	24.05969	75.09959	0.79810	0.96298	6.50218	8.65575
52 CO	12.87898	18.04219	24.05969	76.25746	0.80269	0.96851	6.53955	8.65575
53 CO	12.87898	18.04219	24.05969	77.60371	0.80877	0.97585	6.58911	8.65575
54 CO	12.87898	18.04219	24.05969	79.14765	0.81638	0.98504	6.65114	8.65575
55 CO	12.87898	18.04219	24.05969	80.90011	0.82557	0.99612	6.72598	8.65575
56 CO	15.36830	21.99970	29.60805	82.87349	0.83638	1.00917	6.81406	10.74016
57 CO	17.85762	25.95720	35.15642	85.08197	0.84888	1.02424	6.91587	12.82456
58 CO	20.34694	29.91472	40.70478	87.54169	0.86313	1.04144	7.03198	14.90896
59 CO	22.83626	33.87222	46.25314	90.27090	0.87922	1.06085	7.16307	16.99337
60 CO	25.32558	37.82973	51.80150	93.29021	0.89724	1.08260	7.30989	19.07777
61 CO	27.81490	41.78725	57.34988	96.62284	0.91730	1.10680	7.47331	21.16217
62 CO	30.30422	45.74476	62.89823	100.29494	0.93952	1.13361	7.65431	23.24657
63 CO	32.79354	49.70226	68.44659	104.33586	0.96402	1.16318	7.85396	25.33098
64 CO	35.28287	53.65978	73.99496	108.77867	0.99097	1.19569	8.07351	27.41538
65 CO	37.77218	57.61728	79.54332	113.66043	1.02053	1.23135	8.31431	29.49978

Table A-3
Victoria 1990 NOX Emission Rates
for Time Period 1

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	2.34294	2.60856	3.18094	5.41376	2.80125	3.34464	35.61877	0.88735
4 NOX	2.18519	2.43119	3.01729	5.46978	2.68327	3.20377	34.11861	0.84874
5 NOX	2.08627	2.32162	2.91634	5.52580	2.57391	3.07320	32.72806	0.81669
6 NOX	2.01749	2.24739	2.84818	5.58182	2.47252	2.95214	31.43880	0.79072
7 NOX	1.96650	2.19444	2.79982	5.63785	2.37849	2.83987	30.24324	0.77032
8 NOX	1.92708	2.15563	2.76466	5.69387	2.29129	2.73576	29.13449	0.75504
9 NOX	1.89571	2.12686	2.73892	5.74989	2.21043	2.63921	28.10627	0.74442
10 NOX	1.87026	2.10560	2.72024	5.80591	2.13545	2.54968	27.15287	0.73803
11 NOX	1.84933	2.09017	2.70704	5.86193	2.06594	2.46670	26.26909	0.73545
12 NOX	1.83197	2.07936	2.69821	5.91796	2.00154	2.38980	25.45018	0.73628
13 NOX	1.81749	2.07231	2.69292	5.97398	1.94190	2.31859	24.69184	0.74016
14 NOX	1.80539	2.06832	2.69053	6.03000	1.88671	2.25270	23.99014	0.74670
15 NOX	1.79528	2.06686	2.69054	6.08602	1.83570	2.19179	23.34150	0.75558
16 NOX	1.78684	2.06750	2.69254	6.14204	1.78861	2.13556	22.74267	0.76646
17 NOX	1.77984	2.06986	2.69616	6.19807	1.74520	2.08373	22.19069	0.77903
18 NOX	1.77406	2.07363	2.70113	6.25409	1.70526	2.03605	21.68288	0.79301
19 NOX	1.76935	2.07855	2.70718	6.31011	1.66860	1.99228	21.21679	0.80811
20 NOX	1.76834	2.09121	2.72163	6.36613	1.63506	1.95222	20.79022	0.82408
21 NOX	1.77569	2.11670	2.74813	6.42215	1.60446	1.91569	20.40118	0.84069
22 NOX	1.78280	2.14100	2.77343	6.47818	1.57667	1.88252	20.04787	0.85771
23 NOX	1.78970	2.16417	2.79761	6.53420	1.55157	1.85254	19.72867	0.87494
24 NOX	1.79641	2.18627	2.82073	6.59022	1.52904	1.82564	19.44214	0.89219
25 NOX	1.80296	2.20733	2.84284	6.64624	1.50897	1.80168	19.18700	0.90930
26 NOX	1.80935	2.22739	2.86398	6.70226	1.49128	1.78056	18.96211	0.92612
27 NOX	1.81562	2.24647	2.88421	6.75828	1.47590	1.76219	18.76649	0.94251
28 NOX	1.82176	2.26459	2.90354	6.81431	1.46275	1.74649	18.59928	0.95836
29 NOX	1.82779	2.28178	2.92202	6.87033	1.45177	1.73339	18.45975	0.97357
30 NOX	1.83373	2.29806	2.93969	6.92635	1.44293	1.72283	18.34731	0.98806
31 NOX	1.83959	2.31347	2.95660	6.98237	1.43618	1.71477	18.26146	1.00178
32 NOX	1.84537	2.32803	2.97278	7.03839	1.43149	1.70917	18.20184	1.01467
33 NOX	1.85111	2.34179	2.98830	7.09442	1.42885	1.70601	18.16820	1.02671
34 NOX	1.85682	2.35479	3.00322	7.15044	1.42823	1.70528	18.16039	1.03790
35 NOX	1.86252	2.36707	3.01761	7.20646	1.42965	1.70697	18.17838	1.04824
36 NOX	1.86824	2.37871	3.03153	7.26248	1.43310	1.71109	18.22224	1.05775
37 NOX	1.87401	2.38976	3.04508	7.31850	1.43860	1.71765	18.29216	1.06649
38 NOX	1.87985	2.40030	3.05834	7.37453	1.44617	1.72670	18.38845	1.07452
39 NOX	1.88580	2.41041	3.07143	7.43055	1.45585	1.73825	18.51151	1.08191
40 NOX	1.89190	2.42018	3.08444	7.48657	1.46767	1.75237	18.66188	1.08876
41 NOX	1.89819	2.42972	3.09750	7.54259	1.48170	1.76911	18.84020	1.09518
42 NOX	1.90472	2.43912	3.11074	7.59861	1.49798	1.78856	19.04725	1.10132
43 NOX	1.91153	2.44851	3.12429	7.65464	1.51659	1.81078	19.28394	1.10732
44 NOX	1.91868	2.45801	3.13832	7.71066	1.53762	1.83589	19.55132	1.11335
45 NOX	1.92622	2.46777	3.15296	7.76668	1.56116	1.86399	19.85057	1.11959
46 NOX	1.93421	2.47792	3.16841	7.82270	1.58730	1.89521	20.18304	1.12625
47 NOX	1.94273	2.48863	3.18482	7.87872	1.61618	1.92969	20.55025	1.13355
48 NOX	1.95183	2.50005	3.20241	7.93475	1.64793	1.96759	20.95386	1.14173
49 NOX	2.03806	2.60224	3.34402	7.99077	1.68268	2.00908	21.39576	1.17891
50 NOX	2.12430	2.70442	3.48564	8.04679	1.72061	2.05437	21.87803	1.21609
51 NOX	2.21053	2.80660	3.62726	8.10281	1.76189	2.10366	22.40295	1.25326
52 NOX	2.29676	2.90879	3.76887	8.15883	1.80673	2.15720	22.97307	1.29044
53 NOX	2.38299	3.01097	3.91049	8.21486	1.85534	2.21524	23.59118	1.32762
54 NOX	2.46922	3.11315	4.05211	8.27088	1.90796	2.27807	24.26034	1.36480
55 NOX	2.55545	3.21534	4.19372	8.32690	1.96487	2.34602	24.98393	1.40198
56 NOX	2.64169	3.31752	4.33534	8.38292	2.02635	2.41942	25.76567	1.43915
57 NOX	2.72792	3.41970	4.47696	8.43894	2.09272	2.49867	26.60962	1.47633
58 NOX	2.81415	3.52189	4.61858	8.49496	2.16434	2.58418	27.52027	1.51351
59 NOX	2.90038	3.62407	4.76019	8.55099	2.24159	2.67642	28.50253	1.55069
60 NOX	2.98661	3.72626	4.90181	8.60701	2.32490	2.77588	29.56179	1.58786
61 NOX	3.07285	3.82844	5.04342	8.66303	2.41473	2.88314	30.70399	1.62504
62 NOX	3.15908	3.93062	5.18504	8.71905	2.51159	2.99879	31.93564	1.66222
63 NOX	3.24531	4.03281	5.32666	8.77508	2.61605	3.12352	33.26390	1.69940
64 NOX	3.33154	4.13499	5.46828	8.83110	2.72873	3.25805	34.69664	1.73657
65 NOX	3.41777	4.23717	5.60989	8.88712	2.85031	3.40321	36.24252	1.77375

Table A-4
Victoria 1990 VOC Emission Rates
for Time Period 2

	LDGV	LTGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3 VOC	21.13307	24.44213	39.21468	55.58814	1.53496	2.28073	6.96399	12.92945
4 VOC	15.03619	17.69350	28.00511	43.41896	1.45730	2.16534	6.61165	11.05804
5 VOC	11.68709	13.89144	21.73025	36.63298	1.38479	2.05759	6.28265	9.67376
6 VOC	9.58268	11.45939	17.73365	32.10701	1.31704	1.95693	5.97529	8.63010
7 VOC	8.14450	9.77913	14.98193	28.75079	1.25371	1.86283	5.68797	7.82951
8 VOC	7.26238	8.70343	13.22792	26.49887	1.19448	1.77482	5.41922	7.20566
9 VOC	6.58221	7.87642	11.88458	24.57890	1.13904	1.69245	5.16773	6.71248
10 VOC	6.02856	7.21174	10.81010	22.88204	1.08714	1.61533	4.93224	6.31738
11 VOC	5.56738	6.66631	9.93356	21.37184	1.03851	1.54307	4.71162	5.99688
12 VOC	5.17567	6.21046	9.20609	20.02056	0.99293	1.47535	4.50484	5.73379
13 VOC	4.83731	5.82315	8.59301	18.80629	0.95019	1.41184	4.31093	5.51533
14 VOC	4.54070	5.48907	8.06912	17.71128	0.91009	1.35226	4.12899	5.33186
15 VOC	4.27728	5.19688	7.61571	16.72081	0.87245	1.29633	3.95821	5.17601
16 VOC	4.04062	4.93800	7.21864	15.82252	0.83710	1.24381	3.79784	5.04209
17 VOC	3.82579	4.70586	6.86711	15.00589	0.80389	1.19446	3.64717	4.92566
18 VOC	3.62896	4.49541	6.55272	14.26188	0.77268	1.14809	3.50557	4.82323
19 VOC	3.44712	4.30269	6.26890	13.58266	0.74333	1.10448	3.37243	4.73204
20 VOC	3.29254	4.14997	6.04133	12.96955	0.71573	1.06347	3.24720	4.64992
21 VOC	3.17180	4.00764	5.82408	12.42064	0.68976	1.02488	3.12937	4.57513
22 VOC	3.06085	3.87585	5.62488	11.91853	0.66532	0.98856	3.01848	4.50630
23 VOC	2.95836	3.75310	5.44109	11.45858	0.64230	0.95437	2.91408	4.44237
24 VOC	2.86326	3.63822	5.27062	11.03672	0.62063	0.92217	2.81576	4.38250
25 VOC	2.77465	3.53031	5.11179	10.64932	0.60022	0.89184	2.72316	4.32606
26 VOC	2.69182	3.42869	4.96327	10.29315	0.58100	0.86327	2.63592	4.27256
27 VOC	2.61415	3.33282	4.82398	9.96536	0.56288	0.83635	2.55372	4.22168
28 VOC	2.54116	3.24230	4.69308	9.66337	0.54581	0.81099	2.47627	4.17317
29 VOC	2.47241	3.15681	4.56987	9.38490	0.52972	0.78708	2.40328	4.12688
30 VOC	2.40755	3.07610	4.45379	9.12789	0.51456	0.76455	2.33449	4.08272
31 VOC	2.34629	3.00000	4.34441	8.89051	0.50027	0.74332	2.26967	4.04066
32 VOC	2.28835	2.92832	4.24134	8.67109	0.48680	0.72332	2.20859	4.00069
33 VOC	2.23351	2.86092	4.14428	8.46816	0.47412	0.70447	2.15104	3.96285
34 VOC	2.18157	2.79768	4.05293	8.28038	0.46217	0.68672	2.09684	3.92717
35 VOC	2.13234	2.73846	3.96708	8.10654	0.45093	0.67001	2.04581	3.89369
36 VOC	2.08567	2.68313	3.88649	7.94556	0.44034	0.65428	1.99777	3.86248
37 VOC	2.04141	2.63157	3.81094	7.79645	0.43038	0.63948	1.95258	3.83355
38 VOC	1.99940	2.58363	3.74024	7.65834	0.42101	0.62556	1.91009	3.80695
39 VOC	1.95952	2.53916	3.67417	7.53041	0.41221	0.61249	1.87018	3.78269
40 VOC	1.92165	2.49799	3.61252	7.41196	0.40395	0.60022	1.83270	3.76075
41 VOC	1.88565	2.45997	3.55508	7.30232	0.39621	0.58871	1.79756	3.74110
42 VOC	1.85142	2.42489	3.50160	7.20092	0.38895	0.57793	1.76465	3.72370
43 VOC	1.81882	2.39254	3.45184	7.10721	0.38217	0.56785	1.73386	3.70844
44 VOC	1.78773	2.36268	3.40552	7.02071	0.37583	0.55843	1.70512	3.69520
45 VOC	1.75804	2.33505	3.36234	6.94101	0.36993	0.54966	1.67832	3.68381
46 VOC	1.72960	2.30934	3.32199	6.86770	0.36443	0.54149	1.65340	3.67407
47 VOC	1.70227	2.28518	3.28407	6.80044	0.35934	0.53392	1.63028	3.66569
48 VOC	1.67621	2.26203	3.24766	6.73803	0.35463	0.52692	1.60890	3.65837
49 VOC	1.66936	2.25436	3.23407	6.67369	0.35028	0.52047	1.58920	3.65837
50 VOC	1.66290	2.24713	3.22128	6.61546	0.34630	0.51455	1.57113	3.65837
51 VOC	1.65682	2.24031	3.20923	6.56303	0.34266	0.50914	1.55462	3.65837
52 VOC	1.65108	2.23388	3.19786	6.51616	0.33936	0.50424	1.53965	3.65837
53 VOC	1.64566	2.22781	3.18713	6.47461	0.33639	0.49982	1.52616	3.65837
54 VOC	1.64052	2.22206	3.17698	6.43818	0.33373	0.49588	1.51412	3.65837
55 VOC	1.63567	2.21663	3.16738	6.40670	0.33139	0.49240	1.50350	3.65837
56 VOC	1.70589	2.32956	3.32904	6.38004	0.32936	0.48938	1.49426	3.74904
57 VOC	1.77634	2.44276	3.49117	6.35808	0.32762	0.48680	1.48639	3.83972
58 VOC	1.84702	2.55620	3.65374	6.34072	0.32618	0.48466	1.47987	3.93039
59 VOC	1.91790	2.66988	3.81672	6.32790	0.32504	0.48296	1.47467	4.02107
60 VOC	1.98897	2.78377	3.98008	6.31957	0.32418	0.48169	1.47078	4.11175
61 VOC	2.06023	2.89786	4.14380	6.31571	0.32361	0.48084	1.46819	4.20242
62 VOC	2.13165	3.01214	4.30786	6.31632	0.32333	0.48042	1.46690	4.29310
63 VOC	2.20323	3.12660	4.47223	6.32143	0.32333	0.48042	1.46690	4.38377
64 VOC	2.27495	3.24123	4.63689	6.33109	0.32361	0.48084	1.46819	4.47445
65 VOC	2.34682	3.35600	4.80183	6.34535	0.32418	0.48169	1.47078	4.56513

Table A-5
Victoria 1990 CO Emission Rates
for Time Period 2

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 CO	180.98660232	13130366	54248586	52551	5.15393	6.21866	41.98945167	74496
4 CO	137.90654178	63145282	19843535	88306	4.74993	5.73120	38.69802133	77856
5 CO	111.20162144	39984227	15233490	69171	4.38557	5.29156	35.72956109	25309
6 CO	93.07196120	81063188	70557450	30093	4.05654	4.89456	33.04890	91.14944
7 CO	80.01501103	74127160	62437414	14502	3.75903	4.53558	30.62505	77.51443
8 CO	70.20613	90.93879139	42378381	73090	3.48968	4.21060	28.43066	67.05386
9 CO	62.59672	81.06161122	99068352	62885	3.24553	3.91601	26.44160	58.89103
10 CO	56.54044	73.26132109	97037326	46286	3.02397	3.64867	24.63648	52.41971
11 CO	51.61742	66.97625	99.45724302	90411	2.82266	3.40578	22.99641	47.21259
12 CO	47.54332	61.82077	90.82578281	66437	2.63955	3.18485	21.50463	42.96316
13 CO	44.11901	57.52211	83.63197262	49081	2.47282	2.98367	20.14625	39.44794
14 CO	41.20111	53.88237	77.55357245	16125	2.32084	2.80029	18.90806	36.50156
15 CO	38.68393	50.75500	72.35193229	48004	2.18217	2.63297	17.77830	33.99998
16 CO	36.48804	48.02964	67.84758215	27496	2.05552	2.48016	16.74648	31.84913
17 CO	34.55276	45.62212	63.90346202	39398	1.93975	2.34048	15.80329	29.97691
18 CO	32.83109	43.46768	60.41384190	70279	1.83384	2.21268	14.94039	28.32760
19 CO	31.28624	41.51634	57.29630180	08270	1.73686	2.09567	14.15034	26.85796
20 CO	29.92591	40.06878	54.96147170	42853	1.64801	1.98847	13.42647	25.53420
21 CO	28.72163	38.67583	52.78749161	64719	1.56656	1.89018	12.76285	24.32997
22 CO	27.61753	37.37162	50.79507153	65598	1.49184	1.80003	12.15412	23.22470
23 CO	26.59973	36.14229	48.95672146	38150	1.42327	1.71730	11.59551	22.20236
24 CO	25.65710	34.97798	47.25089139	75850	1.36033	1.64136	11.08273	21.25056
25 CO	24.78071	33.87189	45.66065133	72911	1.30255	1.57163	10.61193	20.35984
26 CO	23.96341	32.81960	44.17284128	24161	1.24948	1.50761	10.17963	19.52293
27 CO	23.19941	31.81851	42.77715123	25017	1.20077	1.44883	9.78273	18.73444
28 CO	22.48401	30.86720	41.46564118	71387	1.15605	1.39487	9.41843	17.99035
29 CO	21.81336	29.96518	40.23212114	59636	1.11503	1.34538	9.08422	17.28773
30 CO	21.18427	29.11238	39.07175110	86532	1.07742	1.30000	8.77782	16.62442
31 CO	20.59403	28.30905	37.98071107	49196	1.04298	1.25844	8.49721	15.99891
32 CO	20.04034	27.55542	36.95594104	45081	1.01148	1.22043	8.24056	15.41007
33 CO	19.52116	26.85168	35.99490101	71921	0.98271	1.18572	8.00622	14.85702
34 CO	19.03466	26.19778	35.09535	99.27722	0.95650	1.15410	7.79271	14.33909
35 CO	18.57920	25.59354	34.25530	97.10726	0.93269	1.12537	7.59871	13.85558
36 CO	18.15321	25.03844	33.47285	95.19392	0.91113	1.09936	7.42304	13.40585
37 CO	17.75525	24.53172	32.74614	93.52380	0.89169	1.07590	7.26464	12.98918
38 CO	17.38390	24.07230	32.07322	92.08539	0.87425	1.05486	7.12257	12.60470
39 CO	17.03780	23.65886	31.45210	90.86876	0.85871	1.03611	6.99600	12.25146
40 CO	16.71560	23.28977	30.88060	89.86569	0.84499	1.01955	6.88420	11.92829
41 CO	16.41593	22.96302	30.35641	89.06943	0.83300	1.00509	6.78652	11.63380
42 CO	16.13741	22.67625	29.87691	88.47466	0.82268	0.99263	6.70242	11.36647
43 CO	15.87857	22.42657	29.43927	88.07742	0.81396	0.98212	6.63142	11.12443
44 CO	15.63787	22.21058	29.04022	87.87507	0.80681	0.97348	6.57312	10.90557
45 CO	15.41359	22.02401	28.67616	87.86629	0.80117	0.96668	6.52720	10.70743
46 CO	15.20384	21.86177	28.34286	88.05099	0.79702	0.96168	6.49341	10.52724
47 CO	15.00648	21.71767	28.03566	88.43044	0.79434	0.95844	6.47157	10.36173
48 CO	14.81910	21.58427	27.74900	89.00710	0.79311	0.95696	6.46154	10.20728
49 CO	14.81910	21.58427	27.74900	89.78484	0.79333	0.95722	6.46329	10.20728
50 CO	14.81910	21.58427	27.74900	90.76885	0.79499	0.95922	6.47681	10.20728
51 CO	14.81910	21.58427	27.74900	91.96574	0.79810	0.96298	6.50218	10.20728
52 CO	14.81910	21.58427	27.74900	93.38365	0.80269	0.96851	6.53955	10.20728
53 CO	14.81910	21.58427	27.74900	95.03223	0.80877	0.97585	6.58911	10.20728
54 CO	14.81910	21.58427	27.74900	96.92293	0.81638	0.98504	6.65114	10.20728
55 CO	14.81910	21.58427	27.74900	99.06895	0.82557	0.99612	6.72598	10.20728
56 CO	17.76649	26.40245	34.19451101	48553	0.83638	1.00917	6.81406	12.66533
57 CO	20.71388	31.22063	40.64003104	19001	0.84888	1.02424	6.91587	15.12338
58 CO	23.66128	36.03882	47.08554107	20214	0.86313	1.04144	7.03198	17.58143
59 CO	26.60867	40.85700	53.53106110	54429	0.87922	1.06085	7.16307	20.03948
60 CO	29.55606	45.67519	59.97656114	24167	0.89724	1.08260	7.30989	22.49753
61 CO	32.50346	50.49337	66.42209118	32277	0.91730	1.10680	7.47331	24.95558
62 CO	35.45085	55.31155	72.86758122	81956	0.93952	1.13361	7.65431	27.41363
63 CO	38.39825	60.12974	79.31310127	76802	0.96402	1.16318	7.85396	29.87168
64 CO	41.34563	64.94793	85.75862133	20859	0.99097	1.19569	8.07351	32.32973
65 CO	44.29303	69.76611	92.20414139	18671	1.02053	1.23135	8.31431	34.78778

Table A-6
Victoria 1990 NOX Emission Rates
for Time Period 2

	LDGV	LTGT1	LDGT2	HGV	LDDV	LDDT	HDDV	MC
3 NOX	2.24625	2.50635	2.94460	5.03405	2.80125	3.34464	35.61877	0.81915
4 NOX	2.08951	2.33225	2.78567	5.08614	2.68327	3.20377	34.11861	0.78350
5 NOX	1.99194	2.22502	2.68780	5.13824	2.57391	3.07320	32.72806	0.75392
6 NOX	1.92460	2.15254	2.62173	5.19033	2.47252	2.95214	31.43880	0.72994
7 NOX	1.87502	2.10091	2.57480	5.24242	2.37849	2.83987	30.24324	0.71111
8 NOX	1.83693	2.06306	2.54054	5.29451	2.29129	2.73576	29.13449	0.69701
9 NOX	1.80681	2.03497	2.51530	5.34661	2.21043	2.63921	28.10627	0.68720
10 NOX	1.78249	2.01415	2.49677	5.39870	2.13545	2.54968	27.15287	0.68130
11 NOX	1.76259	1.99894	2.48345	5.45079	2.06594	2.46670	26.26909	0.67892
12 NOX	1.74615	1.98818	2.47426	5.50288	2.00154	2.38980	25.45018	0.67969
13 NOX	1.73250	1.98100	2.46841	5.55498	1.94190	2.31859	24.69184	0.68327
14 NOX	1.72112	1.97676	2.46529	5.60707	1.88671	2.25270	23.99014	0.68931
15 NOX	1.71164	1.97493	2.46443	5.65916	1.83570	2.19179	23.34150	0.69751
16 NOX	1.70374	1.97508	2.46542	5.71126	1.78861	2.13556	22.74267	0.70755
17 NOX	1.69720	1.97688	2.46795	5.76335	1.74520	2.08373	22.19069	0.71915
18 NOX	1.69181	1.98001	2.47173	5.81544	1.70526	2.03605	21.68288	0.73205
19 NOX	1.68740	1.98423	2.47654	5.86753	1.66860	1.99228	21.21679	0.74600
20 NOX	1.68668	1.99587	2.48925	5.91963	1.63506	1.95222	20.79022	0.76074
21 NOX	1.69433	2.02022	2.51379	5.97172	1.60446	1.91569	20.40118	0.77607
22 NOX	1.70166	2.04337	2.53716	6.02381	1.57667	1.88252	20.04787	0.79178
23 NOX	1.70872	2.06542	2.55945	6.07590	1.55157	1.85254	19.72867	0.80769
24 NOX	1.71553	2.08641	2.58072	6.12800	1.52904	1.82564	19.44214	0.82361
25 NOX	1.72213	2.10639	2.60102	6.18009	1.50897	1.80168	19.18700	0.83941
26 NOX	1.72852	2.12538	2.62041	6.23218	1.49128	1.78056	18.96211	0.85493
27 NOX	1.73472	2.14343	2.63892	6.28428	1.47590	1.76219	18.76649	0.87006
28 NOX	1.74076	2.16055	2.65658	6.33637	1.46275	1.74649	18.59928	0.88469
29 NOX	1.74664	2.17677	2.67344	6.38846	1.45177	1.73339	18.45975	0.89874
30 NOX	1.75238	2.19212	2.68953	6.44055	1.44293	1.72283	18.34731	0.91212
31 NOX	1.75799	2.20662	2.70490	6.49265	1.43618	1.71477	18.26146	0.92478
32 NOX	1.76350	2.22031	2.71959	6.54474	1.43149	1.70917	18.20184	0.93668
33 NOX	1.76891	2.23323	2.73364	6.59683	1.42885	1.70601	18.16820	0.94780
34 NOX	1.77424	2.24541	2.74713	6.64892	1.42823	1.70528	18.16039	0.95812
35 NOX	1.77952	2.25692	2.76009	6.70102	1.42965	1.70697	18.17838	0.96767
36 NOX	1.78477	2.26780	2.77261	6.75311	1.43310	1.71109	18.22224	0.97645
37 NOX	1.79002	2.27811	2.78476	6.80520	1.43860	1.71765	18.29216	0.98452
38 NOX	1.79530	2.28792	2.79662	6.85730	1.44617	1.72670	18.38845	0.99193
39 NOX	1.80063	2.29731	2.80828	6.90939	1.45585	1.73825	18.51151	0.99875
40 NOX	1.80605	2.30636	2.81984	6.96148	1.46767	1.75237	18.66188	1.00507
41 NOX	1.81160	2.31517	2.83140	7.01357	1.48170	1.76911	18.84020	1.01101
42 NOX	1.81731	2.32383	2.84308	7.06567	1.49798	1.78856	19.04725	1.01667
43 NOX	1.82325	2.33246	2.85500	7.11776	1.51659	1.81078	19.28394	1.02221
44 NOX	1.82944	2.34116	2.86729	7.16985	1.53762	1.83589	19.55132	1.02777
45 NOX	1.83594	2.35006	2.88010	7.22194	1.56116	1.86399	19.85057	1.03354
46 NOX	1.84281	2.35930	2.89356	7.27404	1.58730	1.89521	20.18304	1.03969
47 NOX	1.85010	2.36903	2.90785	7.32613	1.61618	1.92969	20.55025	1.04643
48 NOX	1.85788	2.37938	2.92312	7.37822	1.64793	1.96759	20.95386	1.05398
49 NOX	1.93964	2.47653	3.05202	7.43032	1.68268	2.00908	21.39576	1.08830
50 NOX	2.02140	2.57367	3.18092	7.48241	1.72061	2.05437	21.87803	1.12262
51 NOX	2.10316	2.67082	3.30982	7.53450	1.76189	2.10366	22.40295	1.15694
52 NOX	2.18492	2.76797	3.43872	7.58659	1.80673	2.15720	22.97307	1.19126
53 NOX	2.26668	2.86512	3.56762	7.63869	1.85534	2.21524	23.59118	1.22558
54 NOX	2.34844	2.96226	3.69652	7.69078	1.90796	2.27807	24.26034	1.25990
55 NOX	2.43019	3.05941	3.82542	7.74287	1.96487	2.34602	24.98393	1.29422
56 NOX	2.51195	3.15656	3.95432	7.79496	2.02635	2.41942	25.76567	1.32854
57 NOX	2.59371	3.25370	4.08322	7.84706	2.09272	2.49867	26.60962	1.36286
58 NOX	2.67547	3.35085	4.21212	7.89915	2.16434	2.58418	27.52027	1.39718
59 NOX	2.75723	3.44800	4.34102	7.95124	2.24159	2.67642	28.50253	1.43150
60 NOX	2.83899	3.54515	4.46992	8.00333	2.32490	2.77588	29.56179	1.46582
61 NOX	2.92075	3.64229	4.59882	8.05543	2.41473	2.88314	30.70399	1.50014
62 NOX	3.00251	3.73944	4.72772	8.10752	2.51159	2.99879	31.93564	1.53446
63 NOX	3.08427	3.83659	4.85662	8.15961	2.61605	3.12352	33.26390	1.56878
64 NOX	3.16602	3.93373	4.98551	8.21171	2.72873	3.25805	34.69664	1.60310
65 NOX	3.24778	4.03088	5.11441	8.26380	2.85031	3.40321	36.24252	1.63742

Table A-7
Victoria 1990 VOC Emission Rates
for Time Period 3

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 VOC	21.91299	25.12870	40.27548	57.48449	1.53496	2.28073	6.96399	13.03530
4 VOC	15.54668	18.12923	28.64260	44.62235	1.45730	2.16534	6.61165	11.16463
5 VOC	12.06105	14.20323	22.16642	37.50542	1.38479	2.05759	6.28265	9.78092
6 VOC	9.87609	11.69965	18.05755	32.79276	1.31704	1.95693	5.97529	8.73768
7 VOC	8.38553	9.97383	15.23638	29.31906	1.25371	1.86283	5.68797	7.93742
8 VOC	7.47898	8.87571	13.45176	27.01590	1.19448	1.77482	5.41922	7.31382
9 VOC	6.77992	8.03240	12.08650	25.05741	1.13904	1.69245	5.16773	6.82084
10 VOC	6.21006	7.35489	10.99461	23.32823	1.08714	1.61533	4.93224	6.42590
11 VOC	5.73461	6.79916	10.10394	21.79038	1.03851	1.54307	4.71162	6.10554
12 VOC	5.33008	6.33491	9.36480	20.41506	0.99293	1.47535	4.50484	5.84256
13 VOC	4.98003	5.94065	8.74194	19.17964	0.95019	1.41184	4.31093	5.62419
14 VOC	4.67260	5.60076	8.20975	18.06581	0.91009	1.35226	4.12899	5.44080
15 VOC	4.39907	5.30364	7.74923	17.05845	0.87245	1.29633	3.95821	5.28501
16 VOC	4.15285	5.04053	7.34602	16.14488	0.83710	1.24381	3.79784	5.15115
17 VOC	3.92893	4.80476	6.98914	15.31433	0.80389	1.19446	3.64717	5.03476
18 VOC	3.72339	4.59113	6.67007	14.55756	0.77268	1.14809	3.50557	4.93238
19 VOC	3.53317	4.39562	6.38213	13.86660	0.74333	1.10448	3.37243	4.84123
20 VOC	3.37251	4.24028	6.15097	13.24354	0.71573	1.06347	3.24720	4.75914
21 VOC	3.24899	4.09485	5.92979	12.68684	0.68976	1.02488	3.12937	4.68438
22 VOC	3.13545	3.96018	5.72700	12.17761	0.66532	0.98856	3.01848	4.61559
23 VOC	3.03055	3.83476	5.53993	11.71113	0.64230	0.95437	2.91408	4.55168
24 VOC	2.93319	3.71738	5.36644	11.28327	0.62063	0.92217	2.81576	4.49184
25 VOC	2.84246	3.60713	5.20484	10.89034	0.60022	0.89184	2.72316	4.43541
26 VOC	2.75762	3.50329	5.05374	10.52906	0.58100	0.86327	2.63592	4.38194
27 VOC	2.67806	3.40534	4.91207	10.19653	0.56288	0.83635	2.55372	4.33108
28 VOC	2.60326	3.31285	4.77893	9.89014	0.54581	0.81099	2.47627	4.28259
29 VOC	2.53279	3.22550	4.65364	9.60758	0.52972	0.78708	2.40328	4.23632
30 VOC	2.46630	3.14305	4.53562	9.34676	0.51456	0.76455	2.33449	4.19218
31 VOC	2.40347	3.06528	4.42441	9.10581	0.50027	0.74332	2.26967	4.15013
32 VOC	2.34403	2.99204	4.31962	8.88306	0.48680	0.72332	2.20859	4.11019
33 VOC	2.28776	2.92317	4.22093	8.67701	0.47412	0.70447	2.15104	4.07236
34 VOC	2.23444	2.85854	4.12806	8.48630	0.46217	0.68672	2.09684	4.03669
35 VOC	2.18389	2.79802	4.04075	8.30970	0.45093	0.67001	2.04581	4.00323
36 VOC	2.13594	2.74147	3.95878	8.14613	0.44034	0.65428	1.99777	3.97203
37 VOC	2.09044	2.68876	3.88193	7.99458	0.43038	0.63948	1.95258	3.94312
38 VOC	2.04725	2.63974	3.80998	7.85416	0.42101	0.62556	1.91009	3.91653
39 VOC	2.00623	2.59426	3.74272	7.72406	0.41221	0.61249	1.87018	3.89227
40 VOC	1.96725	2.55216	3.67994	7.60355	0.40395	0.60022	1.83270	3.87034
41 VOC	1.93018	2.51325	3.62141	7.49196	0.39621	0.58871	1.79756	3.85071
42 VOC	1.89490	2.47735	3.56690	7.38871	0.38895	0.57793	1.76465	3.83331
43 VOC	1.86130	2.44423	3.51614	7.29325	0.38217	0.56785	1.73386	3.81805
44 VOC	1.82923	2.41365	3.46886	7.20510	0.37583	0.55843	1.70512	3.80482
45 VOC	1.79858	2.38533	3.42477	7.12382	0.36993	0.54966	1.67832	3.79344
46 VOC	1.76921	2.35897	3.38353	7.04901	0.36443	0.54149	1.65340	3.78370
47 VOC	1.74097	2.33421	3.34476	6.98032	0.35934	0.53392	1.63028	3.77532
48 VOC	1.71404	2.31045	3.30750	6.91650	0.35463	0.52692	1.60890	3.76800
49 VOC	1.70673	2.30226	3.29297	6.85030	0.35028	0.52047	1.58920	3.76800
50 VOC	1.69985	2.29455	3.27930	6.79034	0.34630	0.51455	1.57113	3.76800
51 VOC	1.69336	2.28728	3.26643	6.73630	0.34266	0.50914	1.55462	3.76800
52 VOC	1.68724	2.28042	3.25428	6.68792	0.33936	0.50424	1.53965	3.76800
53 VOC	1.68146	2.27394	3.24282	6.64496	0.33639	0.49982	1.52616	3.76800
54 VOC	1.67599	2.26781	3.23198	6.60723	0.33373	0.49588	1.51412	3.76800
55 VOC	1.67081	2.26201	3.22172	6.57453	0.33139	0.49240	1.50350	3.76800
56 VOC	1.74151	2.37608	3.38391	6.54674	0.32936	0.48938	1.49426	3.85863
57 VOC	1.81247	2.49044	3.54661	6.52372	0.32762	0.48680	1.48639	3.94927
58 VOC	1.88366	2.60505	3.70978	6.50539	0.32618	0.48466	1.47987	4.03991
59 VOC	1.95507	2.71992	3.87339	6.49166	0.32504	0.48296	1.47467	4.13054
60 VOC	2.02669	2.83501	4.03741	6.48249	0.32418	0.48169	1.47078	4.22118
61 VOC	2.09850	2.95032	4.20181	6.47786	0.32361	0.48084	1.46819	4.31182
62 VOC	2.17049	3.06583	4.36656	6.47777	0.32333	0.48042	1.46690	4.40245
63 VOC	2.24264	3.18152	4.53166	6.48224	0.32333	0.48042	1.46690	4.49309
64 VOC	2.31496	3.29740	4.69706	6.49131	0.32361	0.48084	1.46819	4.58373
65 VOC	2.38742	3.41344	4.86277	6.50505	0.32418	0.48169	1.47078	4.67436

Table A-8
Victoria 1990 CO Emission Rates
for Time Period 3

	LDGV	LTGT1	LDGT2	HGCV	LDDV	LDDT	HDDV	MC
3 CO	185.09430237	77588373	90692599	30634	5.15393	6.21866	41.98945170	99405
4 CO	141.02045182	98428287	80725547	56042	4.74993	5.73120	38.69802136	36978
5 CO	113.69864147	91522231	63971501	38428	4.38557	5.29156	35.72956111	36938
6 CO	95.15032123	74652192	41953460	11334	4.05654	4.89456	33.04890	92.91526
7 CO	81.79227106	25828163	77751423	16953	3.75903	4.53558	30.62505	79.01633
8 CO	71.75761	93.14279142	15500390	04916	3.48968	4.21060	28.43066	68.35330
9 CO	63.97337	83.02548125	39529360	31290	3.24553	3.91601	26.44160	60.03251
10 CO	57.77825	75.03674112	11606333	57672	3.02397	3.64867	24.63648	53.43595
11 CO	52.74257	68.60081101	39355309	50458	2.82266	3.40578	22.99641	48.12806
12 CO	48.57538	63.32238	92.58975287	80203	2.63955	3.18485	21.50463	43.79639
13 CO	45.07292	58.92170	85.25192268	21075	2.47282	2.98367	20.14625	40.21314
14 CO	42.08847	55.19591	79.05145250	50351	2.32084	2.80029	18.90806	37.20972
15 CO	39.51390	51.99471	73.74506234	48061	2.18217	2.63297	17.77830	34.65971
16 CO	37.26790	49.20494	69.14972219	96594	2.05552	2.48016	16.74648	32.46721
17 CO	35.28838	46.74030	65.12575206	80431	1.93975	2.34048	15.80329	30.55873
18 CO	33.52727	44.53440	61.56532194	85834	1.83384	2.21268	14.94039	28.87747
19 CO	31.94691	42.53601	58.38443184	00685	1.73686	2.09567	14.15034	27.37933
20 CO	30.55517	41.05260	56.00479174	14233	1.64801	1.98847	13.42647	26.02991
21 CO	29.32304	39.62485	53.78857165	16959	1.56656	1.89018	12.76285	24.80232
22 CO	28.19329	38.28753	51.75743157	00426	1.49184	1.80003	12.15412	23.67560
23 CO	27.15172	37.02650	49.88338149	57126	1.42327	1.71730	11.59551	22.63341
24 CO	26.18695	35.83170	48.14445142	80396	1.36033	1.64136	11.08273	21.66313
25 CO	25.28988	34.69625	46.52338136	64316	1.30255	1.57163	10.61193	20.75510
26 CO	24.45320	33.61569	45.00674131	03610	1.24948	1.50761	10.17963	19.90193
27 CO	23.67101	32.58744	43.58409125	93587	1.20077	1.44883	9.78273	19.09811
28 CO	22.93852	31.61011	42.24727121	30074	1.15605	1.39487	9.41843	18.33956
29 CO	22.25182	30.68327	40.98998117	09352	1.11503	1.34538	9.08422	17.62327
30 CO	21.60764	29.80692	39.80729113	28117	1.07742	1.30000	8.77782	16.94707
31 CO	21.00325	28.98137	38.69530109	83429	1.04298	1.25844	8.49721	16.30940
32 CO	20.43628	28.20691	37.65089106	72687	1.01148	1.22043	8.24056	15.70912
33 CO	19.90466	27.48377	36.67142103	93573	0.98271	1.18572	8.00622	15.14532
34 CO	19.40654	26.81196	35.75466101	44054	0.95650	1.15410	7.79271	14.61732
35 CO	18.94024	26.19129	34.89853	99.22331	0.93269	1.12537	7.59871	14.12442
36 CO	18.50415	25.62126	34.10110	97.26826	0.91113	1.09936	7.42304	13.66595
37 CO	18.09681	25.10109	33.36046	95.56177	0.89169	1.07590	7.26464	13.24119
38 CO	17.71676	24.62970	32.67463	94.09198	0.87425	1.05486	7.12257	12.84925
39 CO	17.36262	24.20575	32.04156	92.84885	0.85871	1.03611	6.99600	12.48915
40 CO	17.03300	23.82753	31.45903	91.82393	0.84499	1.01955	6.88420	12.15971
41 CO	16.72650	23.49298	30.92468	91.01032	0.83300	1.00509	6.78652	11.85952
42 CO	16.44169	23.19968	30.43584	90.40257	0.82268	0.99263	6.70242	11.58701
43 CO	16.17708	22.94463	29.98963	89.99670	0.81396	0.98212	6.63142	11.34028
44 CO	15.93107	22.72432	29.58271	89.78994	0.80681	0.97348	6.57312	11.11718
45 CO	15.70191	22.53435	29.21141	89.78097	0.80117	0.96668	6.52720	10.91521
46 CO	15.48763	22.36942	28.87142	89.96970	0.79702	0.96168	6.49341	10.73153
47 CO	15.28604	22.22313	28.55800	90.35738	0.79434	0.95844	6.47157	10.56282
48 CO	15.09465	22.08778	28.26550	90.94665	0.79311	0.95696	6.46154	10.40538
49 CO	15.09465	22.08778	28.26550	91.74133	0.79333	0.95722	6.46329	10.40538
50 CO	15.09465	22.08778	28.26550	92.74678	0.79499	0.95922	6.47681	10.40538
51 CO	15.09465	22.08778	28.26550	93.96974	0.79810	0.96298	6.50218	10.40538
52 CO	15.09465	22.08778	28.26550	95.41855	0.80269	0.96851	6.53955	10.40538
53 CO	15.09465	22.08778	28.26550	97.10306	0.80877	0.97585	6.58911	10.40538
54 CO	15.09465	22.08778	28.26550	99.03496	0.81638	0.98504	6.65114	10.40538
55 CO	15.09465	22.08778	28.26550101	22775	0.82557	0.99612	6.72598	10.40538
56 CO	18.10673	27.02777	34.83600103	69699	0.83638	1.00917	6.81406	12.91114
57 CO	21.11881	31.96776	41.40649106	46039	0.84888	1.02424	6.91587	15.41690
58 CO	24.13089	36.90776	47.97699109	53816	0.86313	1.04144	7.03198	17.92266
59 CO	27.14297	41.84774	54.54748112	95313	0.87922	1.06085	7.16307	20.42842
60 CO	30.15506	46.78773	61.11798116	73108	0.89724	1.08260	7.30989	22.93418
61 CO	33.16713	51.72773	67.68848120	90112	0.91730	1.10680	7.47331	25.43993
62 CO	36.17921	56.66772	74.25897125	49588	0.93952	1.13361	7.65431	27.94569
63 CO	39.19130	61.60770	80.82947130	55219	0.96402	1.16318	7.85396	30.45145
64 CO	42.20338	66.54771	87.39996136	11130	0.99097	1.19569	8.07351	32.95721
65 CO	45.21545	71.48769	93.97046142	21970	1.02053	1.23135	8.31431	35.46297

Table A-9
Victoria 1990 NOX Emission Rates
for Time Period 3

	LDGV	LTGT1	LDGT2	HGTV	LDDV	LDDT	HDDV	MC
3 NOX	2.23753	2.49693	2.92273	4.99798	2.80125	3.34464	35.61877	0.81245
4 NOX	2.08087	2.32311	2.76421	5.04970	2.68327	3.20377	34.11861	0.77710
5 NOX	1.98341	2.21609	2.66661	5.10142	2.57391	3.07320	32.72806	0.74776
6 NOX	1.91620	2.14376	2.60073	5.15314	2.47252	2.95214	31.43880	0.72397
7 NOX	1.86674	2.09225	2.55392	5.20486	2.37849	2.83987	30.24324	0.70530
8 NOX	1.82877	2.05449	2.51974	5.25658	2.29129	2.73576	29.13449	0.69131
9 NOX	1.79875	2.02646	2.49453	5.30830	2.21043	2.63921	28.10627	0.68158
10 NOX	1.77454	2.00567	2.47602	5.36002	2.13545	2.54968	27.15287	0.67573
11 NOX	1.75473	1.99048	2.46268	5.41174	2.06594	2.46670	26.26909	0.67337
12 NOX	1.73838	1.97971	2.45345	5.46346	2.00154	2.38980	25.45018	0.67414
13 NOX	1.72479	1.97252	2.44755	5.51518	1.94190	2.31859	24.69184	0.67768
14 NOX	1.71348	1.96824	2.44435	5.56690	1.88671	2.25270	23.99014	0.68368
15 NOX	1.70405	1.96637	2.44340	5.61862	1.83570	2.19179	23.34150	0.69180
16 NOX	1.69620	1.96648	2.44429	5.67033	1.78861	2.13556	22.74267	0.70176
17 NOX	1.68969	1.96821	2.44671	5.72205	1.74520	2.08373	22.19069	0.71327
18 NOX	1.68433	1.97128	2.45038	5.77377	1.70526	2.03605	21.68288	0.72607
19 NOX	1.67996	1.97543	2.45507	5.82549	1.66860	1.99228	21.21679	0.73990
20 NOX	1.67926	1.98697	2.46762	5.87721	1.63506	1.95222	20.79022	0.75452
21 NOX	1.68693	2.01120	2.49198	5.92893	1.60446	1.91569	20.40118	0.76973
22 NOX	1.69429	2.03425	2.51517	5.98065	1.57667	1.88252	20.04787	0.78531
23 NOX	1.70136	2.05619	2.53727	6.03237	1.55157	1.85254	19.72867	0.80108
24 NOX	1.70818	2.07707	2.55837	6.08409	1.52904	1.82564	19.44214	0.81688
25 NOX	1.71477	2.09694	2.57851	6.13581	1.50897	1.80168	19.18700	0.83255
26 NOX	1.72116	2.11584	2.59773	6.18753	1.49128	1.78056	18.96211	0.84794
27 NOX	1.72736	2.13378	2.61607	6.23925	1.47590	1.76219	18.76649	0.86295
28 NOX	1.73339	2.15080	2.63358	6.29097	1.46275	1.74649	18.59928	0.87746
29 NOX	1.73925	2.16693	2.65029	6.34269	1.45177	1.73339	18.45975	0.89139
30 NOX	1.74497	2.18219	2.66623	6.39441	1.44293	1.72283	18.34731	0.90466
31 NOX	1.75056	2.19660	2.68146	6.44613	1.43618	1.71477	18.26146	0.91722
32 NOX	1.75604	2.21021	2.69600	6.49785	1.43149	1.70917	18.20184	0.92902
33 NOX	1.76142	2.22305	2.70992	6.54957	1.42885	1.70601	18.16820	0.94005
34 NOX	1.76672	2.23516	2.72327	6.60128	1.42823	1.70528	18.16039	0.95029
35 NOX	1.77196	2.24659	2.73610	6.65300	1.42965	1.70697	18.17838	0.95976
36 NOX	1.77717	2.25739	2.74849	6.70472	1.43310	1.71109	18.22224	0.96847
37 NOX	1.78237	2.26763	2.76051	6.75644	1.43860	1.71765	18.29216	0.97647
38 NOX	1.78759	2.27737	2.77224	6.80816	1.44617	1.72670	18.38845	0.98382
39 NOX	1.79286	2.28670	2.78377	6.85988	1.45585	1.73825	18.51151	0.99058
40 NOX	1.79822	2.29568	2.79519	6.91160	1.46767	1.75237	18.66188	0.99685
41 NOX	1.80370	2.30442	2.80661	6.96332	1.48170	1.76911	18.84020	1.00274
42 NOX	1.80935	2.31301	2.81814	7.01504	1.49798	1.78856	19.04725	1.00836
43 NOX	1.81520	2.32156	2.82991	7.06676	1.51659	1.81078	19.28394	1.01385
44 NOX	1.82130	2.33019	2.84204	7.11848	1.53762	1.83589	19.55132	1.01937
45 NOX	1.82771	2.33901	2.85468	7.17020	1.56116	1.86399	19.85057	1.02509
46 NOX	1.83447	2.34817	2.86796	7.22192	1.58730	1.89521	20.18304	1.03119
47 NOX	1.84165	2.35780	2.88205	7.27364	1.61618	1.92969	20.55025	1.03787
48 NOX	1.84931	2.36805	2.89711	7.32536	1.64793	1.96759	20.95386	1.04536
49 NOX	1.93066	2.46473	3.02482	7.37708	1.68268	2.00908	21.39576	1.07940
50 NOX	2.01201	2.56141	3.15254	7.42880	1.72061	2.05437	21.87803	1.11344
51 NOX	2.09337	2.65808	3.28025	7.48052	1.76189	2.10366	22.40295	1.14748
52 NOX	2.17472	2.75476	3.40797	7.53224	1.80673	2.15720	22.97307	1.18152
53 NOX	2.25607	2.85144	3.53568	7.58395	1.85534	2.21524	23.59118	1.21556
54 NOX	2.33742	2.94812	3.66340	7.63567	1.90796	2.27807	24.26034	1.24960
55 NOX	2.41877	3.04479	3.79111	7.68739	1.96487	2.34602	24.98393	1.28363
56 NOX	2.50013	3.14147	3.91883	7.73911	2.02635	2.41942	25.76567	1.31767
57 NOX	2.58148	3.23815	4.04654	7.79083	2.09272	2.49867	26.60962	1.35171
58 NOX	2.66283	3.33483	4.17426	7.84255	2.16434	2.58418	27.52027	1.38575
59 NOX	2.74418	3.43150	4.30197	7.89427	2.24159	2.67642	28.50253	1.41979
60 NOX	2.82553	3.52818	4.42969	7.94599	2.32490	2.77588	29.56179	1.45383
61 NOX	2.90688	3.62486	4.55740	7.99771	2.41473	2.88314	30.70399	1.48787
62 NOX	2.98824	3.72154	4.68511	8.04943	2.51159	2.99879	31.93564	1.52191
63 NOX	3.06959	3.81821	4.81283	8.10115	2.61605	3.12352	33.26390	1.55595
64 NOX	3.15094	3.91489	4.94055	8.15287	2.72873	3.25805	34.69664	1.58999
65 NOX	3.23229	4.01157	5.06826	8.20459	2.85031	3.40321	36.24252	1.62403

Table A-10
Victoria 1990 VOC Emission Rates
for Time Period 4

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 VOC	16.04366	19.75992	32.08648	42.33545	1.53496	2.28073	6.96399	12.00595
4 VOC	11.69694	14.68237	23.68414	34.73805	1.45730	2.16534	6.61165	10.12234
5 VOC	9.23316	11.71114	18.74548	30.14762	1.38479	2.05759	6.28265	8.72900
6 VOC	7.65025	9.76123	15.49463	26.86943	1.31704	1.95693	5.97529	7.67847
7 VOC	6.55072	8.38933	13.20464	24.30564	1.25371	1.86283	5.68797	6.87261
8 VOC	5.83004	7.47154	11.65841	22.41176	1.19448	1.77482	5.41922	6.24464
9 VOC	5.27345	6.75942	10.46390	20.76390	1.13904	1.69245	5.16773	5.74819
10 VOC	4.82428	6.18454	9.50712	19.29614	1.08714	1.61533	4.93224	5.35047
11 VOC	4.45367	5.71054	8.72566	17.98239	1.03851	1.54307	4.71162	5.02784
12 VOC	4.14210	5.31236	8.07632	16.80198	0.99293	1.47535	4.50484	4.76300
13 VOC	3.87586	4.97219	7.52832	15.73810	0.95019	1.41184	4.31093	4.54308
14 VOC	3.64510	4.67709	7.05924	14.77671	0.91009	1.35226	4.12899	4.35839
15 VOC	3.44254	4.41743	6.65242	13.90594	0.87245	1.29633	3.95821	4.20149
16 VOC	3.26271	4.18595	6.29528	13.11564	0.83710	1.24381	3.79784	4.06667
17 VOC	3.10139	3.97708	5.97816	12.39701	0.80389	1.19446	3.64717	3.94946
18 VOC	2.95535	3.78653	5.69358	11.74243	0.77268	1.14809	3.50557	3.84635
19 VOC	2.82201	3.61094	5.43570	11.14522	0.74333	1.10448	3.37243	3.75455
20 VOC	2.70375	3.47502	5.23080	10.60297	0.71573	1.06347	3.24720	3.67188
21 VOC	2.60230	3.35441	5.04020	10.11224	0.68976	1.02488	3.12937	3.59658
22 VOC	2.50922	3.24271	4.86521	9.66329	0.66532	0.98856	3.01848	3.52730
23 VOC	2.42337	3.13864	4.70354	9.25207	0.64230	0.95437	2.91408	3.46294
24 VOC	2.34383	3.04123	4.55334	8.87497	0.62063	0.92217	2.81576	3.40267
25 VOC	2.26984	2.94970	4.41317	8.52881	0.60022	0.89184	2.72316	3.34584
26 VOC	2.20077	2.86346	4.28186	8.21072	0.58100	0.86327	2.63592	3.29199
27 VOC	2.13611	2.78207	4.15852	7.91815	0.56288	0.83635	2.55372	3.24077
28 VOC	2.07544	2.70518	4.04242	7.64881	0.54581	0.81099	2.47627	3.19193
29 VOC	2.01839	2.63254	3.93299	7.40066	0.52972	0.78708	2.40328	3.14533
30 VOC	1.96467	2.56394	3.82979	7.17187	0.51456	0.76455	2.33449	3.10088
31 VOC	1.91401	2.49922	3.73246	6.96078	0.50027	0.74332	2.26967	3.05853
32 VOC	1.86621	2.43824	3.64069	6.76592	0.48680	0.72332	2.20859	3.01830
33 VOC	1.82105	2.38089	3.55426	6.58593	0.47412	0.70447	2.15104	2.98021
34 VOC	1.77838	2.32705	3.47293	6.41963	0.46217	0.68672	2.09684	2.94429
35 VOC	1.73804	2.27663	3.39653	6.26593	0.45093	0.67001	2.04581	2.91059
36 VOC	1.69990	2.22951	3.32488	6.12385	0.44034	0.65428	1.99777	2.87917
37 VOC	1.66382	2.18559	3.25781	5.99250	0.43038	0.63948	1.95258	2.85005
38 VOC	1.62969	2.14475	3.19516	5.87110	0.42101	0.62556	1.91009	2.82328
39 VOC	1.59740	2.10687	3.13674	5.75891	0.41221	0.61249	1.87018	2.79885
40 VOC	1.56683	2.07181	3.08238	5.65528	0.40395	0.60022	1.83270	2.77677
41 VOC	1.53789	2.03943	3.03188	5.55964	0.39621	0.58871	1.79756	2.75700
42 VOC	1.51047	2.00957	2.98503	5.47144	0.38895	0.57793	1.76465	2.73947
43 VOC	1.48447	1.98204	2.94161	5.39020	0.38217	0.56785	1.73386	2.72412
44 VOC	1.45978	1.95665	2.90136	5.31551	0.37583	0.55843	1.70512	2.71079
45 VOC	1.43629	1.93316	2.86400	5.24696	0.36993	0.54966	1.67832	2.69933
46 VOC	1.41388	1.91131	2.82921	5.18420	0.36443	0.54149	1.65340	2.68953
47 VOC	1.39244	1.89081	2.79664	5.12693	0.35934	0.53392	1.63028	2.68110
48 VOC	1.37201	1.87129	2.76567	5.07438	0.35463	0.52692	1.60890	2.67372
49 VOC	1.36816	1.86700	2.75822	5.02286	0.35028	0.52047	1.58920	2.67372
50 VOC	1.36454	1.86297	2.75121	4.97656	0.34630	0.51455	1.57113	2.67372
51 VOC	1.36112	1.85915	2.74460	4.93524	0.34266	0.50914	1.55462	2.67372
52 VOC	1.35789	1.85556	2.73837	4.89868	0.33936	0.50424	1.53965	2.67372
53 VOC	1.35483	1.85215	2.73248	4.86672	0.33639	0.49982	1.52616	2.67372
54 VOC	1.35194	1.84894	2.72691	4.83920	0.33373	0.49588	1.51412	2.67372
55 VOC	1.34920	1.84589	2.72163	4.81598	0.33139	0.49240	1.50350	2.67372
56 VOC	1.41521	1.94944	2.87854	4.79695	0.32936	0.48938	1.49426	2.76502
57 VOC	1.48135	2.05314	3.03571	4.78204	0.32762	0.48680	1.48639	2.85632
58 VOC	1.54761	2.15698	3.19311	4.77118	0.32618	0.48466	1.47987	2.94762
59 VOC	1.61399	2.26095	3.35074	4.76432	0.32504	0.48296	1.47467	3.03892
60 VOC	1.68047	2.36503	3.50858	4.76144	0.32418	0.48169	1.47078	3.13022
61 VOC	1.74706	2.46923	3.66662	4.76253	0.32361	0.48084	1.46819	3.22152
62 VOC	1.81374	2.57353	3.82483	4.76762	0.32333	0.48042	1.46690	3.31282
63 VOC	1.88050	2.67793	3.98322	4.77673	0.32333	0.48042	1.46690	3.40412
64 VOC	1.94735	2.78242	4.14177	4.78994	0.32361	0.48084	1.46819	3.49542
65 VOC	2.01428	2.88700	4.30048	4.80730	0.32418	0.48169	1.47078	3.58671

Table A-11
Victoria 1990 CO Emission Rates
for Time Period 4

	LDGV	LTGT1	LDGT2	HGCV	LDDV	LDDT	HDDV	MC
3 CO	152.14404	192.65848	313.99139	480.73511	5.15393	6.21866	41.98945	142.69510
4 CO	116.03368	148.16470	242.13641	439.22699	4.74993	5.73120	38.69802	113.80083
5 CO	93.66418	119.78932	195.09717	402.18665	4.38557	5.29156	35.72956	92.93657
6 CO	78.47990	100.25793	162.18153	369.08112	4.05654	4.89456	33.04890	77.53483
7 CO	67.54242	86.12381	138.11348	339.44647	3.75903	4.53558	30.62505	65.93442
8 CO	59.32304	75.51448	119.93138	312.87891	3.48968	4.21060	28.43066	57.03454
9 CO	52.94404	67.31960	105.83405	289.02588	3.24553	3.91601	26.44160	50.08948
10 CO	47.86479	60.83883	94.66399	267.57941	3.02397	3.64867	24.63648	44.58353
11 CO	43.73418	55.60936	85.64600	248.26985	2.82266	3.40578	22.99641	40.15318
12 CO	40.31453	51.31388	78.24393	230.86111	2.63955	3.18485	21.50463	36.53770
13 CO	37.43940	47.72812	72.07683	215.14589	2.47282	2.98367	20.14625	33.54865
14 CO	34.98898	44.68947	66.86794	200.94202	2.32084	2.80029	18.90806	31.04023
15 CO	32.87495	42.07756	62.41222	188.08920	2.18217	2.63297	17.77830	28.91202
16 CO	31.03092	39.80176	58.55536	176.44623	2.05552	2.48016	16.74648	27.08227
17 CO	29.40617	37.79289	55.17953	165.88858	1.93975	2.34048	15.80329	25.48965
18 CO	27.96140	35.99767	52.19374	156.30611	1.83384	2.21268	14.94039	24.08675
19 CO	26.66581	34.37486	49.52711	147.60156	1.73686	2.09567	14.15034	22.83676
20 CO	25.52626	33.18001	47.51538	139.68869	1.64801	1.98847	13.42647	21.71094
21 CO	24.51746	32.03280	45.64613	132.49121	1.56656	1.89018	12.76285	20.68686
22 CO	23.59357	30.96246	43.93325	125.94135	1.49184	1.80003	12.15412	19.74702
23 CO	22.74283	29.95718	42.35300	119.97896	1.42327	1.71730	11.59551	18.87775
24 CO	21.95581	29.00836	40.88668	114.55057	1.36033	1.64136	11.08273	18.06853
25 CO	21.22490	28.10989	39.51968	109.60867	1.30255	1.57163	10.61193	17.31129
26 CO	20.54394	27.25759	38.24060	105.11095	1.24948	1.50761	10.17963	16.59983
27 CO	19.90796	26.44873	37.04056	101.01978	1.20077	1.44883	9.78273	15.92957
28 CO	19.31285	25.68161	35.91270	97.30168	1.15605	1.39487	9.41843	15.29706
29 CO	18.75529	24.95529	34.85167	93.92686	1.11503	1.34538	9.08422	14.69982
30 CO	18.23245	24.26924	33.85335	90.86877	1.07742	1.30000	8.77782	14.13600
31 CO	17.74197	23.62322	32.91446	88.10387	1.04298	1.25844	8.49721	13.60431
32 CO	17.28183	23.01708	32.03241	85.61123	1.01148	1.22043	8.24056	13.10377
33 CO	16.85023	22.45064	31.20502	83.37233	0.98271	1.18572	8.00622	12.63365
34 CO	16.44559	21.92363	30.43044	81.37080	0.95650	1.15410	7.79271	12.19337
35 CO	16.06647	21.43569	29.70697	79.59223	0.93269	1.12537	7.59871	11.78233
36 CO	15.71154	20.98624	29.03304	78.02399	0.91113	1.09936	7.42304	11.39998
37 CO	15.37955	20.57456	28.40708	76.65511	0.89169	1.07590	7.26464	11.04571
38 CO	15.06932	20.19973	27.82747	75.47612	0.87425	1.05486	7.12257	10.71879
39 CO	14.77971	19.86064	27.29251	74.47894	0.85871	1.03611	6.99600	10.41841
40 CO	14.50958	19.55596	26.80038	73.65680	0.84499	1.01955	6.88420	10.14356
41 CO	14.25781	19.28413	26.34912	73.00417	0.83300	1.00509	6.78652	9.89309
42 CO	14.02328	19.04329	25.93649	72.51667	0.82268	0.99263	6.70242	9.66569
43 CO	13.80480	18.83126	25.56008	72.19109	0.81396	0.98212	6.63142	9.45978
44 CO	13.60112	18.64542	25.21709	72.02522	0.80681	0.97348	6.57312	9.27357
45 CO	13.41090	18.48257	24.90443	72.01802	0.80117	0.96668	6.52720	9.10499
46 CO	13.23264	18.33891	24.61845	72.16942	0.79702	0.96168	6.49341	8.95166
47 CO	13.06467	18.20981	24.35514	72.48043	0.79434	0.95844	6.47157	8.81083
48 CO	12.90513	18.08976	24.10971	72.95308	0.79311	0.95696	6.46154	8.67942
49 CO	12.90513	18.08976	24.10971	73.59054	0.79333	0.95722	6.46329	8.67942
50 CO	12.90513	18.08976	24.10971	74.39706	0.79499	0.95922	6.47681	8.67942
51 CO	12.90513	18.08976	24.10971	75.37807	0.79810	0.96298	6.50218	8.67942
52 CO	12.90513	18.08976	24.10971	76.54023	0.80269	0.96851	6.53955	8.67942
53 CO	12.90513	18.08976	24.10971	77.89148	0.80877	0.97585	6.58911	8.67942
54 CO	12.90513	18.08976	24.10971	79.44115	0.81638	0.98504	6.65114	8.67942
55 CO	12.90513	18.08976	24.10971	81.20010	0.82557	0.99612	6.72598	8.67942
56 CO	15.40066	22.05890	29.67032	83.18080	0.83638	1.00917	6.81406	10.76953
57 CO	17.89620	26.02804	35.23093	85.39746	0.84888	1.02424	6.91587	12.85963
58 CO	20.39173	29.99718	40.79153	87.86630	0.86313	1.04144	7.03198	14.94973
59 CO	22.88726	33.96633	46.35214	90.60564	0.87922	1.06085	7.16307	17.03984
60 CO	25.38280	37.93547	51.91275	93.63614	0.89724	1.08260	7.30989	19.12994
61 CO	27.87833	41.90461	57.47337	96.98114	0.91730	1.10680	7.47331	21.22005
62 CO	30.37386	45.87375	63.03397	100.66684	0.93952	1.13361	7.65431	23.31015
63 CO	32.86940	49.84289	68.59458	104.72276	0.96402	1.16318	7.85396	25.40026
64 CO	35.36493	53.81204	74.15518	109.18203	0.99097	1.19569	8.07351	27.49036
65 CO	37.86046	57.78118	79.71580	114.08188	1.02053	1.23135	8.31431	29.58047

**Table A-12
Victoria 1990 NOX Emission Rates
for Time Period 4**

	LDGV	LTGT1	LDGT2	HGCV	LDDV	LDDT	HDDV	MC
3 NOX	2.34088	2.60643	3.17602	5.40602	2.80125	3.34464	35.61877	0.88600
4 NOX	2.18316	2.42913	3.01247	5.46196	2.68327	3.20377	34.11861	0.84745
5 NOX	2.08426	2.31960	2.91159	5.51791	2.57391	3.07320	32.72806	0.81545
6 NOX	2.01552	2.24541	2.84347	5.57385	2.47252	2.95214	31.43880	0.78951
7 NOX	1.96456	2.19250	2.79515	5.62979	2.37849	2.83987	30.24324	0.76915
8 NOX	1.92517	2.15370	2.76001	5.68573	2.29129	2.73576	29.13449	0.75389
9 NOX	1.89382	2.12495	2.73428	5.74167	2.21043	2.63921	28.10627	0.74329
10 NOX	1.86840	2.10370	2.71560	5.79761	2.13545	2.54968	27.15287	0.73690
11 NOX	1.84749	2.08827	2.70240	5.85356	2.06594	2.46670	26.26909	0.73433
12 NOX	1.83015	2.07747	2.69356	5.90950	2.00154	2.38980	25.45018	0.73516
13 NOX	1.81570	2.07041	2.68826	5.96544	1.94190	2.31859	24.69184	0.73903
14 NOX	1.80361	2.06642	2.68586	6.02138	1.88671	2.25270	23.99014	0.74557
15 NOX	1.79351	2.06496	2.68585	6.07732	1.83570	2.19179	23.34150	0.75443
16 NOX	1.78508	2.06559	2.68783	6.13327	1.78861	2.13556	22.74267	0.76529
17 NOX	1.77809	2.06794	2.69143	6.18921	1.74520	2.08373	22.19069	0.77785
18 NOX	1.77232	2.07170	2.69637	6.24515	1.70526	2.03605	21.68288	0.79180
19 NOX	1.76762	2.07660	2.70240	6.30109	1.66860	1.99228	21.21679	0.80688
20 NOX	1.76661	2.08924	2.71682	6.35703	1.63506	1.95222	20.79022	0.82283
21 NOX	1.77397	2.11471	2.74328	6.41298	1.60446	1.91569	20.40118	0.83941
22 NOX	1.78109	2.13898	2.76854	6.46892	1.57667	1.88252	20.04787	0.85640
23 NOX	1.78799	2.16213	2.79267	6.52486	1.55157	1.85254	19.72867	0.87361
24 NOX	1.79470	2.18421	2.81575	6.58080	1.52904	1.82564	19.44214	0.89083
25 NOX	1.80125	2.20525	2.83783	6.63674	1.50897	1.80168	19.18700	0.90792
26 NOX	1.80765	2.22529	2.85894	6.69268	1.49128	1.78056	18.96211	0.92471
27 NOX	1.81391	2.24434	2.87912	6.74863	1.47590	1.76219	18.76649	0.94107
28 NOX	1.82005	2.26244	2.89842	6.80457	1.46275	1.74649	18.59928	0.95690
29 NOX	1.82608	2.27962	2.91687	6.86051	1.45177	1.73339	18.45975	0.97208
30 NOX	1.83202	2.29588	2.93451	6.91645	1.44293	1.72283	18.34731	0.98656
31 NOX	1.83786	2.31127	2.95138	6.97239	1.43618	1.71477	18.26146	1.00025
32 NOX	1.84365	2.32581	2.96754	7.02834	1.43149	1.70917	18.20184	1.01313
33 NOX	1.84938	2.33955	2.98303	7.08428	1.42885	1.70601	18.16820	1.02515
34 NOX	1.85508	2.35253	2.99792	7.14022	1.42823	1.70528	18.16039	1.03632
35 NOX	1.86077	2.36480	3.01227	7.19616	1.42965	1.70697	18.17838	1.04664
36 NOX	1.86648	2.37643	3.02617	7.25210	1.43310	1.71109	18.22224	1.05614
37 NOX	1.87224	2.38746	3.03969	7.30805	1.43860	1.71765	18.29216	1.06487
38 NOX	1.87806	2.39799	3.05292	7.36399	1.44617	1.72670	18.38845	1.07288
39 NOX	1.88400	2.40808	3.06598	7.41993	1.45585	1.73825	18.51151	1.08026
40 NOX	1.89009	2.41784	3.07896	7.47587	1.46767	1.75237	18.66188	1.08710
41 NOX	1.89637	2.42736	3.09199	7.53181	1.48170	1.76911	18.84020	1.09352
42 NOX	1.90288	2.43675	3.10520	7.58776	1.49798	1.78856	19.04725	1.09965
43 NOX	1.90967	2.44612	3.11872	7.64370	1.51659	1.81078	19.28394	1.10564
44 NOX	1.91680	2.45561	3.13270	7.69964	1.53762	1.83589	19.55132	1.11165
45 NOX	1.92432	2.46535	3.14731	7.75558	1.56116	1.86399	19.85057	1.11789
46 NOX	1.93229	2.47548	3.16271	7.81152	1.58730	1.89521	20.18304	1.12454
47 NOX	1.94078	2.48617	3.17909	7.86746	1.61618	1.92969	20.55025	1.13183
48 NOX	1.94985	2.49757	3.19662	7.92341	1.64793	1.96759	20.95386	1.13999
49 NOX	2.03599	2.59965	3.33798	7.97935	1.68268	2.00908	21.39576	1.17712
50 NOX	2.12213	2.70173	3.47933	8.03529	1.72061	2.05437	21.87803	1.21424
51 NOX	2.20827	2.80381	3.62068	8.09123	1.76189	2.10366	22.40295	1.25136
52 NOX	2.29440	2.90589	3.76204	8.14717	1.80673	2.15720	22.97307	1.28848
53 NOX	2.38054	3.00797	3.90339	8.20312	1.85534	2.21524	23.59118	1.32560
54 NOX	2.46668	3.11005	4.04474	8.25906	1.90796	2.27807	24.26034	1.36272
55 NOX	2.55282	3.21212	4.18610	8.31500	1.96487	2.34602	24.98393	1.39984
56 NOX	2.63895	3.31420	4.32745	8.37094	2.02635	2.41942	25.76567	1.43696
57 NOX	2.72509	3.41628	4.46880	8.42688	2.09272	2.49867	26.60962	1.47408
58 NOX	2.81123	3.51836	4.61016	8.48282	2.16434	2.58418	27.52027	1.51120
59 NOX	2.89737	3.62044	4.75151	8.53877	2.24159	2.67642	28.50253	1.54833
60 NOX	2.98350	3.72252	4.89286	8.59471	2.32490	2.77588	29.56179	1.58545
61 NOX	3.06964	3.82460	5.03422	8.65065	2.41473	2.88314	30.70399	1.62257
62 NOX	3.15578	3.92668	5.17557	8.70659	2.51159	2.99879	31.93564	1.65969
63 NOX	3.24192	4.02876	5.31692	8.76254	2.61605	3.12352	33.26390	1.69681
64 NOX	3.32805	4.13084	5.45828	8.81848	2.72873	3.25805	34.69664	1.73393
65 NOX	3.41419	4.23292	5.59963	8.87442	2.85031	3.40321	36.24252	1.77105

Table A-13
Victoria 1993 VOC Emission Rates
for Time Period 1

	LDGV	LTGT1	LDGT2	HGV	LDDV	LDDT	HDDV	MC
3 VOC	13.67789	17.17600	25.20778	35.66079	1.59459	2.41093	5.80984	10.70883
4 VOC	9.81490	12.52661	18.29400	28.38552	1.51391	2.28895	5.51589	9.06911
5 VOC	7.68811	9.90133	14.37043	24.20813	1.43858	2.17505	5.24143	7.85467
6 VOC	6.34966	8.21942	11.84787	21.34886	1.36820	2.06864	4.98500	6.93801
7 VOC	5.43342	7.05423	10.09726	19.18397	1.30241	1.96917	4.74529	6.23415
8 VOC	4.86192	6.30481	8.95556	17.67511	1.24087	1.87613	4.52109	5.68519
9 VOC	4.42180	5.72322	8.07382	16.37758	1.18329	1.78906	4.31127	5.25088
10 VOC	4.06481	5.25005	7.36286	15.22680	1.12937	1.70754	4.11481	4.90271
11 VOC	3.76846	4.85624	6.77724	14.19991	1.07885	1.63116	3.93076	4.62011
12 VOC	3.51765	4.52202	6.28591	13.27927	1.03150	1.55957	3.75825	4.38801
13 VOC	3.30181	4.23349	5.86697	12.45075	0.98710	1.49244	3.59647	4.19519
14 VOC	3.11339	3.98061	5.50457	11.70278	0.94544	1.42945	3.44469	4.03320
15 VOC	2.94682	3.75596	5.18698	11.02568	0.90634	1.37033	3.30221	3.89554
16 VOC	2.79790	3.55396	4.90536	10.41125	0.86962	1.31481	3.16842	3.77722
17 VOC	2.66342	3.37032	4.65294	9.85248	0.83512	1.26265	3.04272	3.67433
18 VOC	2.54092	3.20174	4.42447	9.34330	0.80269	1.21362	2.92459	3.58380
19 VOC	2.42841	3.04561	4.21583	8.87845	0.77221	1.16753	2.81351	3.50320
20 VOC	2.32682	2.92849	4.05992	8.45804	0.74353	1.12418	2.70904	3.43060
21 VOC	2.24149	2.82710	3.91496	8.08039	0.71655	1.08339	2.61074	3.36448
22 VOC	2.16327	2.73383	3.78224	7.73486	0.69116	1.04499	2.51822	3.30364
23 VOC	2.09121	2.64755	3.66002	7.41831	0.66725	1.00885	2.43112	3.24713
24 VOC	2.02455	2.56737	3.54693	7.12795	0.64474	0.97481	2.34910	3.19421
25 VOC	1.96262	2.49259	3.44181	6.86132	0.62354	0.94276	2.27185	3.14433
26 VOC	1.90490	2.42262	3.34377	6.61619	0.60356	0.91255	2.19907	3.09706
27 VOC	1.85093	2.35700	3.25203	6.39061	0.58474	0.88410	2.13049	3.05211
28 VOC	1.80034	2.29533	3.16601	6.18282	0.56701	0.85728	2.06587	3.00926
29 VOC	1.75280	2.23732	3.08518	5.99124	0.55029	0.83201	2.00498	2.96837
30 VOC	1.70804	2.18270	3.00914	5.81446	0.53454	0.80820	1.94759	2.92938
31 VOC	1.66582	2.13125	2.93753	5.65122	0.51970	0.78576	1.89351	2.89225
32 VOC	1.62594	2.08278	2.87007	5.50038	0.50571	0.76461	1.84256	2.85697
33 VOC	1.58822	2.03712	2.80650	5.36091	0.49254	0.74469	1.79455	2.82358
34 VOC	1.55249	1.99414	2.74660	5.23190	0.48013	0.72592	1.74933	2.79211
35 VOC	1.51861	1.95369	2.69018	5.11251	0.46844	0.70826	1.70675	2.76259
36 VOC	1.48647	1.91565	2.63705	5.00200	0.45744	0.69163	1.66668	2.73508
37 VOC	1.45593	1.87990	2.58706	4.89969	0.44710	0.67598	1.62898	2.70960
38 VOC	1.42690	1.84632	2.54005	4.80497	0.43737	0.66127	1.59353	2.68618
39 VOC	1.39928	1.81481	2.49587	4.71728	0.42823	0.64745	1.56023	2.66484
40 VOC	1.37298	1.78524	2.45436	4.63614	0.41965	0.63448	1.52897	2.64556
41 VOC	1.34790	1.75750	2.41539	4.56109	0.41160	0.62232	1.49965	2.62831
42 VOC	1.32398	1.73148	2.37881	4.49172	0.40406	0.61092	1.47219	2.61305
43 VOC	1.30112	1.70706	2.34445	4.42767	0.39701	0.60026	1.44651	2.59970
44 VOC	1.27925	1.68410	2.31217	4.36860	0.39043	0.59031	1.42252	2.58814
45 VOC	1.25829	1.66246	2.28178	4.31423	0.38430	0.58103	1.40017	2.57822
46 VOC	1.23817	1.64200	2.25310	4.26427	0.37859	0.57240	1.37938	2.56976
47 VOC	1.21881	1.62254	2.22593	4.21850	0.37330	0.56440	1.36009	2.56250
48 VOC	1.20031	1.60391	2.19990	4.17624	0.36840	0.55700	1.34226	2.55617
49 VOC	1.19615	1.59942	2.19308	4.13398	0.36389	0.55018	1.32582	2.55617
50 VOC	1.19223	1.59519	2.18666	4.09585	0.35975	0.54392	1.31074	2.55617
51 VOC	1.18853	1.59121	2.18060	4.06164	0.35597	0.53821	1.29697	2.55617
52 VOC	1.18503	1.58744	2.17489	4.03117	0.35254	0.53302	1.28448	2.55617
53 VOC	1.18173	1.58389	2.16949	4.00432	0.34945	0.52835	1.27323	2.55617
54 VOC	1.17860	1.58052	2.16439	3.98093	0.34670	0.52419	1.26318	2.55617
55 VOC	1.17564	1.57733	2.15955	3.96091	0.34426	0.52051	1.25432	2.55617
56 VOC	1.22274	1.65356	2.27547	3.94416	0.34215	0.51731	1.24662	2.63698
57 VOC	1.26997	1.72994	2.39161	3.93061	0.34035	0.51459	1.24005	2.71779
58 VOC	1.31734	1.80646	2.50798	3.92021	0.33885	0.51233	1.23461	2.79860
59 VOC	1.36483	1.88312	2.62455	3.91290	0.33766	0.51053	1.23027	2.87942
60 VOC	1.41244	1.95990	2.74131	3.90867	0.33677	0.50918	1.22703	2.96023
61 VOC	1.46016	2.03680	2.85826	3.90751	0.33618	0.50829	1.22487	3.04104
62 VOC	1.50797	2.11381	2.97537	3.90942	0.33589	0.50784	1.22379	3.12185
63 VOC	1.55589	2.19092	3.09263	3.91442	0.33589	0.50784	1.22379	3.20266
64 VOC	1.60389	2.26813	3.21005	3.92256	0.33618	0.50829	1.22487	3.28348
65 VOC	1.65197	2.34543	3.32760	3.93388	0.33677	0.50918	1.22703	3.36429

Table A-14
Victoria 1993 CO Emission Rates
for Time Period 1

	LDGV	LTGT1	LDGT2	HGCV	LDDV	LDDT	HDDV	MC
3 CO	117.79834	154.26852	238.19182	373.77368	5.28850	6.34022	39.08284	140.07657
4 CO	90.09018	118.17387	182.32758	341.50082	4.87395	5.84323	36.01925	111.71400
5 CO	73.14023	95.69315	146.89774	312.70184	4.50008	5.39500	33.25628	91.24311
6 CO	61.71636	80.40399	122.51962	286.96210	4.16245	4.99023	30.76118	76.13726
7 CO	53.51572	69.39278	104.83501	263.92111	3.85717	4.62424	28.50512	64.76292
8 CO	47.35908	61.12970	91.50737	243.26471	3.58079	4.29290	26.46263	56.03831
9 CO	42.57803	54.73041	81.16277	224.71889	3.33027	3.99256	24.61125	49.23096
10 CO	38.76504	49.64758	72.93943	208.04414	3.10292	3.72000	22.93109	43.83456
11 CO	35.65750	45.52451	66.27020	193.03088	2.89636	3.47235	21.40455	39.49239
12 CO	33.07868	42.11915	60.76751	179.49553	2.70847	3.24710	20.01603	35.94862
13 CO	30.90535	39.26167	56.15832	167.27686	2.53739	3.04199	18.75169	33.01677
14 CO	29.04909	36.82965	52.24535	156.23328	2.38144	2.85503	17.59921	30.55884
15 CO	27.44484	34.73274	48.88295	146.24016	2.23915	2.68444	16.54764	28.47139
16 CO	26.04375	32.90305	45.96159	137.18774	2.10919	2.52864	15.58726	26.67597
17 CO	24.80848	31.28874	43.39763	128.97910	1.99040	2.38623	14.70935	25.11244
18 CO	23.71009	29.84974	41.12633	121.52869	1.88172	2.25593	13.90618	23.73438
19 CO	22.72583	28.55481	39.09705	114.76083	1.78221	2.13664	13.17082	22.50574
20 CO	21.81554	27.61432	37.69674	108.60856	1.69104	2.02734	12.49706	21.39839
21 CO	20.95164	26.61059	36.32203	103.01250	1.60746	1.92713	11.87937	20.39040
22 CO	20.16298	25.68550	35.06635	97.91994	1.53079	1.83522	11.31279	19.46467
23 CO	19.43942	24.82796	33.91254	93.28416	1.46043	1.75087	10.79285	18.60788
24 CO	18.77271	24.02931	32.84685	89.06357	1.39585	1.67344	10.31556	17.80978
25 CO	18.15605	23.28276	31.85823	85.22121	1.33655	1.60235	9.87734	17.06252
26 CO	17.58385	22.58306	30.93781	81.72420	1.28211	1.53708	9.47497	16.36012
27 CO	17.05145	21.92613	30.07839	78.54332	1.23212	1.47715	9.10555	15.69813
28 CO	16.55494	21.30875	29.27415	75.65248	1.18623	1.42214	8.76647	15.07327
29 CO	16.09105	20.72841	28.52038	73.02853	1.14414	1.37168	8.45539	14.48314
30 CO	15.65697	20.18304	27.81319	70.65086	1.10555	1.32541	8.17020	13.92601
31 CO	15.25029	19.67096	27.14936	68.50113	1.07021	1.28304	7.90902	13.40062
32 CO	14.86893	19.19071	26.52620	66.56310	1.03788	1.24429	7.67013	12.90610
33 CO	14.51103	18.74100	25.94139	64.82234	1.00837	1.20890	7.45201	12.44173
34 CO	14.17498	18.32062	25.39291	63.26614	0.98148	1.17666	7.25328	12.00697
35 CO	13.85931	17.92844	24.87896	61.88329	0.95704	1.14737	7.07271	11.60126
36 CO	13.56268	17.56336	24.39790	60.66399	0.93492	1.12084	6.90920	11.22405
37 CO	13.28390	17.22427	23.94819	59.59969	0.91497	1.09693	6.76176	10.87475
38 CO	13.02182	16.91006	23.52835	58.68301	0.89707	1.07548	6.62953	10.55262
39 CO	12.77542	16.61963	23.13695	57.90770	0.88113	1.05636	6.51172	10.25686
40 CO	12.54370	16.35178	22.77255	57.26848	0.86705	1.03948	6.40766	9.98648
41 CO	12.32574	16.10531	22.43373	56.76105	0.85475	1.02473	6.31674	9.74028
42 CO	12.12061	15.87891	22.11896	56.38202	0.84416	1.01203	6.23846	9.51697
43 CO	11.92743	15.67116	21.82671	56.12886	0.83522	1.00131	6.17237	9.31494
44 CO	11.74532	15.48048	21.55528	55.99992	0.82787	0.99251	6.11811	9.13240
45 CO	11.57334	15.30507	21.30291	55.99433	0.82209	0.98558	6.07537	8.96724
46 CO	11.41055	15.14286	21.06758	56.11203	0.81783	0.98048	6.04393	8.81709
47 CO	11.25593	14.99144	20.84717	56.35384	0.81508	0.97718	6.02359	8.67915
48 CO	11.10837	14.84802	20.63919	56.72134	0.81382	0.97566	6.01426	8.55033
49 CO	11.10837	14.84802	20.63919	57.21696	0.81404	0.97593	6.01589	8.55033
50 CO	11.10837	14.84802	20.63919	57.84403	0.81574	0.97797	6.02847	8.55033
51 CO	11.10837	14.84802	20.63919	58.60677	0.81894	0.98180	6.05209	8.55033
52 CO	11.10837	14.84802	20.63919	59.51036	0.82364	0.98744	6.08687	8.55033
53 CO	11.10837	14.84802	20.63919	60.56095	0.82989	0.99493	6.13300	8.55033
54 CO	11.10837	14.84802	20.63919	61.76583	0.83770	1.00429	6.19073	8.55033
55 CO	11.10837	14.84802	20.63919	63.13342	0.84713	1.01559	6.26040	8.55033
56 CO	12.96378	17.77418	25.00310	64.67342	0.85822	1.02889	6.34238	10.60950
57 CO	14.81920	20.70034	29.36700	66.39690	0.87104	1.04426	6.43714	12.66867
58 CO	16.67462	23.62650	33.73092	68.31644	0.88567	1.06180	6.54521	14.72784
59 CO	18.53003	26.55266	38.09482	70.44627	0.90218	1.08159	6.66722	16.78701
60 CO	20.38545	29.47882	42.45872	72.80249	0.92067	1.10376	6.80388	18.84618
61 CO	22.24086	32.40498	46.82263	75.40324	0.94125	1.12844	6.95599	20.90535
62 CO	24.09628	35.33115	51.18655	78.26889	0.96405	1.15577	7.12446	22.96451
63 CO	25.95169	38.25731	55.55044	81.42239	0.98919	1.18591	7.31030	25.02369
64 CO	27.80711	41.18347	59.91434	84.88950	1.01684	1.21906	7.51464	27.08286
65 CO	29.66253	44.10963	64.27825	88.69916	1.04717	1.25542	7.73878	29.14202

Table A-15
Victoria 1993 NOX Emission Rates
for Time Period 1

	LDGV	LTGT1	LDGT2	HGTV	LDDV	LDDT	HDDV	MC
3 NOX	2.29948	2.55711	3.01996	4.88812	2.85117	3.34691	27.88858	0.89199
4 NOX	2.11966	2.36061	2.81090	4.93871	2.73109	3.20595	26.71399	0.85317
5 NOX	2.01025	2.24148	2.68483	4.98929	2.61978	3.07528	25.62523	0.82096
6 NOX	1.93632	2.16164	2.60081	5.03987	2.51658	2.95414	24.61577	0.79485
7 NOX	1.88290	2.10472	2.54123	5.09045	2.42088	2.84180	23.67968	0.77435
8 NOX	1.84247	2.06246	2.49723	5.14104	2.33213	2.73762	22.81156	0.75899
9 NOX	1.81083	2.03025	2.46386	5.19162	2.24982	2.64100	22.00649	0.74831
10 NOX	1.78546	2.00526	2.43809	5.24220	2.17350	2.55141	21.26000	0.74188
11 NOX	1.76474	1.98568	2.41799	5.29279	2.10276	2.46837	20.56802	0.73929
12 NOX	1.74756	1.97027	2.40224	5.34337	2.03721	2.39142	19.92683	0.74013
13 NOX	1.73316	1.95814	2.38988	5.39395	1.97651	2.32016	19.33307	0.74403
14 NOX	1.72099	1.94864	2.38023	5.44453	1.92034	2.25423	18.78366	0.75061
15 NOX	1.71063	1.94128	2.37278	5.49512	1.86842	2.19328	18.27579	0.75953
16 NOX	1.70177	1.93566	2.36712	5.54570	1.82048	2.13701	17.80692	0.77047
17 NOX	1.69415	1.93149	2.36292	5.59628	1.77630	2.08514	17.37474	0.78310
18 NOX	1.68759	1.92850	2.35993	5.64686	1.73565	2.03743	16.97713	0.79715
19 NOX	1.68192	1.92650	2.35794	5.69745	1.69834	1.99363	16.61220	0.81233
20 NOX	1.68261	1.93061	2.36531	5.74803	1.66419	1.95355	16.27821	0.82839
21 NOX	1.69245	1.94803	2.38821	5.79861	1.63305	1.91699	15.97360	0.84508
22 NOX	1.70158	1.96435	2.40953	5.84919	1.60477	1.88379	15.69696	0.86219
23 NOX	1.71008	1.97969	2.42945	5.89978	1.57922	1.85380	15.44704	0.87951
24 NOX	1.71804	1.99413	2.44811	5.95036	1.55628	1.82688	15.22269	0.89685
25 NOX	1.72552	2.00773	2.46563	6.00094	1.53586	1.80290	15.02292	0.91405
26 NOX	1.73257	2.02056	2.48210	6.05152	1.51786	1.78177	14.84684	0.93096
27 NOX	1.73923	2.03267	2.49763	6.10211	1.50220	1.76339	14.69368	0.94743
28 NOX	1.74554	2.04410	2.51228	6.15269	1.48882	1.74768	14.56275	0.96336
29 NOX	1.75155	2.05489	2.52612	6.20327	1.47765	1.73457	14.45351	0.97865
30 NOX	1.75727	2.06508	2.53923	6.25386	1.46865	1.72400	14.36547	0.99322
31 NOX	1.76275	2.07470	2.55164	6.30444	1.46177	1.71593	14.29825	1.00701
32 NOX	1.76799	2.08379	2.56343	6.35502	1.45700	1.71033	14.25157	1.01997
33 NOX	1.77303	2.09238	2.57465	6.40560	1.45431	1.70717	14.22523	1.03208
34 NOX	1.77790	2.10051	2.58534	6.45619	1.45368	1.70644	14.21912	1.04332
35 NOX	1.78261	2.10821	2.59557	6.50677	1.45512	1.70813	14.23320	1.05372
36 NOX	1.78718	2.11552	2.60539	6.55735	1.45863	1.71225	14.26754	1.06328
37 NOX	1.79164	2.12248	2.61484	6.60793	1.46423	1.71882	14.32229	1.07207
38 NOX	1.79602	2.12913	2.62400	6.65852	1.47194	1.72787	14.39768	1.08013
39 NOX	1.80033	2.13552	2.63292	6.70910	1.48179	1.73943	14.49404	1.08756
40 NOX	1.80459	2.14169	2.64165	6.75968	1.49383	1.75356	14.61177	1.09445
41 NOX	1.80885	2.14769	2.65027	6.81027	1.50810	1.77031	14.75139	1.10091
42 NOX	1.81310	2.15359	2.65884	6.86085	1.52467	1.78977	14.91351	1.10708
43 NOX	1.81740	2.15942	2.66742	6.91143	1.54362	1.81201	15.09883	1.11311
44 NOX	1.82175	2.16527	2.67610	6.96201	1.56502	1.83713	15.30818	1.11917
45 NOX	1.82620	2.17118	2.68494	7.01260	1.58898	1.86525	15.54248	1.12544
46 NOX	1.83077	2.17723	2.69403	7.06318	1.61559	1.89649	15.80280	1.13214
47 NOX	1.83549	2.18350	2.70344	7.11376	1.64498	1.93100	16.09031	1.13948
48 NOX	1.84039	2.19004	2.71327	7.16434	1.67729	1.96892	16.40633	1.14770
49 NOX	1.91490	2.27928	2.83018	7.21493	1.71267	2.01045	16.75233	1.18507
50 NOX	1.98940	2.36851	2.94709	7.26551	1.75127	2.05576	17.12993	1.22244
51 NOX	2.06391	2.45775	3.06399	7.31609	1.79329	2.10509	17.54093	1.25981
52 NOX	2.13841	2.54698	3.18090	7.36667	1.83892	2.15866	17.98732	1.29719
53 NOX	2.21292	2.63622	3.29781	7.41726	1.88840	2.21674	18.47128	1.33456
54 NOX	2.28742	2.72545	3.41471	7.46784	1.94197	2.27962	18.99522	1.37193
55 NOX	2.36193	2.81468	3.53162	7.51842	1.99989	2.34761	19.56177	1.40930
56 NOX	2.43644	2.90392	3.64852	7.56900	2.06246	2.42106	20.17385	1.44667
57 NOX	2.51094	2.99315	3.76543	7.61959	2.13002	2.50037	20.83464	1.48405
58 NOX	2.58545	3.08239	3.88234	7.67017	2.20291	2.58594	21.54766	1.52142
59 NOX	2.65995	3.17162	3.99924	7.72075	2.28154	2.67823	22.31674	1.55879
60 NOX	2.73446	3.26086	4.11615	7.77133	2.36633	2.77777	23.14612	1.59616
61 NOX	2.80896	3.35009	4.23306	7.82192	2.45776	2.88509	24.04044	1.63353
62 NOX	2.88347	3.43932	4.34996	7.87250	2.55635	3.00082	25.00478	1.67091
63 NOX	2.95798	3.52856	4.46687	7.92308	2.66267	3.12563	26.04477	1.70828
64 NOX	3.03248	3.61779	4.58378	7.97367	2.77736	3.26026	27.16657	1.74565
65 NOX	3.10699	3.70703	4.70068	8.02425	2.90110	3.40552	28.37695	1.78302

Table A-16
Victoria 1993 VOC Emission Rates
for Time Period 2

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 VOC	18.70743	21.21981	31.07343	49.52973	1.59459	2.41093	5.80984	11.67581
4 VOC	13.05608	15.00397	21.76777	37.45837	1.51391	2.28895	5.51589	10.05070
5 VOC	10.03562	11.62695	16.72000	30.97549	1.43858	2.17505	5.24143	8.84708
6 VOC	8.17614	9.52236	13.57751	26.80601	1.36820	2.06864	4.98500	7.93859
7 VOC	6.92446	8.09411	11.44751	23.80976	1.30241	1.96917	4.74529	7.24100
8 VOC	6.20661	7.22139	10.14256	21.92968	1.24087	1.87613	4.52109	6.69693
9 VOC	5.65380	6.55252	9.14599	20.35010	1.18329	1.78906	4.31127	6.26649
10 VOC	5.19907	6.01216	8.34530	18.96119	1.12937	1.70754	4.11481	5.92142
11 VOC	4.81590	5.56582	7.68821	17.72944	1.07885	1.63116	3.93076	5.64134
12 VOC	4.48642	5.19005	7.13909	16.62989	1.03150	1.55957	3.75825	5.41131
13 VOC	4.19821	4.86841	6.67290	15.64322	0.98710	1.49244	3.59647	5.22021
14 VOC	3.94233	4.58899	6.27153	14.75402	0.94544	1.42945	3.44469	5.05966
15 VOC	3.71222	4.34302	5.92160	13.94974	0.90634	1.37033	3.30221	4.92323
16 VOC	3.50294	4.12388	5.61302	13.21992	0.86962	1.31481	3.16842	4.80596
17 VOC	3.31072	3.92651	5.33808	12.55577	0.83512	1.26265	3.04272	4.70399
18 VOC	3.13263	3.74699	5.09080	11.94982	0.80269	1.21362	2.92459	4.61426
19 VOC	2.96634	3.58225	4.86645	11.39563	0.77221	1.16753	2.81351	4.53438
20 VOC	2.82623	3.45515	4.69568	10.89977	0.74353	1.12418	2.70904	4.46243
21 VOC	2.72428	3.33662	4.52943	10.46346	0.71655	1.08339	2.61074	4.39690
22 VOC	2.63059	3.22759	4.37735	10.06427	0.69116	1.04499	2.51822	4.33661
23 VOC	2.54405	3.12678	4.23748	9.69849	0.66725	1.00885	2.43112	4.28060
24 VOC	2.46376	3.03314	4.10820	9.36284	0.64474	0.97481	2.34910	4.22815
25 VOC	2.38897	2.94582	3.98820	9.05443	0.62354	0.94276	2.27185	4.17871
26 VOC	2.31905	2.86416	3.87642	8.77068	0.60356	0.91255	2.19907	4.13187
27 VOC	2.25350	2.78760	3.77198	8.50931	0.58474	0.88410	2.13049	4.08731
28 VOC	2.19186	2.71571	3.67416	8.26828	0.56701	0.85728	2.06587	4.04484
29 VOC	2.13377	2.64810	3.58235	8.04577	0.55029	0.83201	2.00498	4.00432
30 VOC	2.07890	2.58448	3.49607	7.84016	0.53454	0.80820	1.94759	3.96568
31 VOC	2.02698	2.52458	3.41488	7.64999	0.51970	0.78576	1.89351	3.92887
32 VOC	1.97777	2.46819	3.33844	7.47396	0.50571	0.76461	1.84256	3.89391
33 VOC	1.93106	2.41512	3.26643	7.31090	0.49254	0.74469	1.79455	3.86082
34 VOC	1.88666	2.36517	3.19859	7.15974	0.48013	0.72592	1.74933	3.82963
35 VOC	1.84442	2.31820	3.13468	7.01954	0.46844	0.70826	1.70675	3.80038
36 VOC	1.80418	2.27406	3.07449	6.88944	0.45744	0.69163	1.66668	3.77311
37 VOC	1.76580	2.23259	3.01780	6.76867	0.44710	0.67598	1.62898	3.74785
38 VOC	1.72916	2.19368	2.96445	6.65654	0.43737	0.66127	1.59353	3.72465
39 VOC	1.69416	2.15718	2.91425	6.55241	0.42823	0.64745	1.56023	3.70349
40 VOC	1.66067	2.12295	2.86703	6.45572	0.41965	0.63448	1.52897	3.68438
41 VOC	1.62861	2.09087	2.82262	6.36595	0.41160	0.62232	1.49965	3.66729
42 VOC	1.59787	2.06080	2.78084	6.28264	0.40406	0.61092	1.47219	3.65217
43 VOC	1.56837	2.03259	2.74154	6.20537	0.39701	0.60026	1.44651	3.63894
44 VOC	1.54001	2.00609	2.70453	6.13376	0.39043	0.59031	1.42252	3.62748
45 VOC	1.51270	1.98113	2.66962	6.06748	0.38430	0.58103	1.40017	3.61765
46 VOC	1.48636	1.95755	2.63662	6.00622	0.37859	0.57240	1.37938	3.60926
47 VOC	1.46088	1.93513	2.60532	5.94970	0.37330	0.56440	1.36009	3.60207
48 VOC	1.43658	1.91349	2.57504	5.89685	0.36840	0.55700	1.34226	3.59579
49 VOC	1.42919	1.90550	2.56271	5.84149	0.36389	0.55018	1.32582	3.59579
50 VOC	1.42223	1.89797	2.55110	5.79115	0.35975	0.54392	1.31074	3.59579
51 VOC	1.41567	1.89088	2.54017	5.74557	0.35597	0.53821	1.29697	3.59579
52 VOC	1.40948	1.88418	2.52985	5.70453	0.35254	0.53302	1.28448	3.59579
53 VOC	1.40363	1.87786	2.52011	5.66783	0.34945	0.52835	1.27323	3.59579
54 VOC	1.39809	1.87188	2.51090	5.63529	0.34670	0.52419	1.26318	3.59579
55 VOC	1.39285	1.86622	2.50219	5.60678	0.34426	0.52051	1.25432	3.59579
56 VOC	1.44077	1.94740	2.62053	5.58216	0.34215	0.51731	1.24662	3.67588
57 VOC	1.48895	2.02886	2.73931	5.56132	0.34035	0.51459	1.24005	3.75598
58 VOC	1.53736	2.11057	2.85848	5.54419	0.33885	0.51233	1.23461	3.83607
59 VOC	1.58599	2.19253	2.97802	5.53070	0.33766	0.51053	1.23027	3.91616
60 VOC	1.63483	2.27471	3.09791	5.52079	0.33677	0.50918	1.22703	3.99625
61 VOC	1.68387	2.35709	3.21812	5.51445	0.33618	0.50829	1.22487	4.07634
62 VOC	1.73308	2.43968	3.33864	5.51166	0.33589	0.50784	1.22379	4.15644
63 VOC	1.78247	2.52245	3.45944	5.51242	0.33589	0.50784	1.22379	4.23653
64 VOC	1.83202	2.60539	3.58051	5.51677	0.33618	0.50829	1.22487	4.31662
65 VOC	1.88171	2.68849	3.70183	5.52475	0.33677	0.50918	1.22703	4.39671

Table A-17
Victoria 1993 CO Emission Rates
for Time Period 2

	LDGV	LTGT1	LDGT2	HDBGV	LDDV	LDDT	HDDV	MC
3 CO	132.76164	181.05963	272.37122	464.05096	5.28850	6.34022	39.08284	166.05774
4 CO	101.47005	138.69409	208.26723	423.98340	4.87395	5.84323	36.01925	132.43452
5 CO	82.29162	112.22224	167.64250	388.22867	4.50008	5.39500	33.25628	108.16673
6 CO	69.35397	94.19374	139.70651	356.27197	4.16245	4.99023	30.76118	90.25908
7 CO	60.06413	81.20634	119.45001	327.66589	3.85717	4.62424	28.50512	76.77505
8 CO	53.09067	71.46448	104.18913	302.02032	3.58079	4.29290	26.46263	66.43221
9 CO	47.67735	63.92627	92.34668	278.99512	3.33027	3.99256	24.61125	58.36223
10 CO	43.36232	57.94514	82.93404	258.29291	3.10292	3.72000	22.93109	51.96492
11 CO	39.84761	53.09891	75.30084	239.65356	2.89636	3.47235	21.40455	46.81738
12 CO	36.93250	49.10064	69.00293	222.84900	2.70847	3.24710	20.01603	42.61632
13 CO	34.47699	45.74883	63.72748	207.67917	2.53739	3.04199	18.75169	39.14066
14 CO	32.38051	42.89809	59.24859	193.96823	2.38144	2.85503	17.59921	36.22684
15 CO	30.56909	40.44109	55.39947	181.56146	2.23915	2.68444	16.54764	33.75222
16 CO	28.98716	38.29716	52.05476	170.32262	2.10919	2.52864	15.58726	31.62378
17 CO	27.59228	36.40472	49.11878	160.13135	1.99040	2.38623	14.70935	29.77026
18 CO	26.35153	34.71622	46.51743	150.88144	1.88172	2.25593	13.90618	28.13659
19 CO	25.23909	33.19467	44.19281	142.47897	1.78221	2.13664	13.17082	26.68007
20 CO	24.21540	32.10111	42.61113	134.84076	1.69104	2.02734	12.49706	25.36733
21 CO	23.24934	30.94451	41.05933	127.89305	1.60746	1.92713	11.87937	24.17238
22 CO	22.36648	29.87542	39.64143	121.57050	1.53079	1.83522	11.31279	23.07494
23 CO	21.55557	28.88132	38.33814	115.81503	1.46043	1.75087	10.79285	22.05924
24 CO	20.80749	27.95258	37.13402	110.57504	1.39585	1.67344	10.31556	21.11311
25 CO	20.11476	27.08183	36.01664	105.80464	1.33655	1.60235	9.87734	20.22725
26 CO	19.47124	26.26346	34.97607	101.46301	1.28211	1.53708	9.47497	19.39457
27 CO	18.87188	25.49323	34.00425	97.51385	1.23212	1.47715	9.10555	18.60980
28 CO	18.31245	24.76788	33.09470	93.92480	1.18623	1.42214	8.76647	17.86904
29 CO	17.78941	24.08496	32.24212	90.66709	1.14414	1.37168	8.45539	17.16945
30 CO	17.29974	23.44251	31.44221	87.71513	1.10555	1.32541	8.17020	16.50898
31 CO	16.84088	22.83897	30.69137	85.04619	1.07021	1.28304	7.90902	15.88615
32 CO	16.41058	22.27296	29.98661	82.64005	1.03788	1.24429	7.67013	15.29991
33 CO	16.00688	21.74329	29.32534	80.47885	1.00837	1.20890	7.45201	14.74941
34 CO	15.62801	21.24878	28.70531	78.54679	0.98148	1.17666	7.25328	14.23401
35 CO	15.27240	20.78832	28.12449	76.82994	0.95704	1.14737	7.07271	13.75304
36 CO	14.93861	20.36077	27.58104	75.31615	0.93492	1.12084	6.90920	13.30587
37 CO	14.62532	19.96497	27.07324	73.99477	0.91497	1.09693	6.76176	12.89178
38 CO	14.33127	19.59967	26.59940	72.85670	0.89707	1.07548	6.62953	12.50991
39 CO	14.05533	19.26363	26.15792	71.89413	0.88113	1.05636	6.51172	12.15929
40 CO	13.79638	18.95547	25.74714	71.10050	0.86705	1.03948	6.40766	11.83875
41 CO	13.55336	18.67373	25.36545	70.47052	0.85475	1.02473	6.31674	11.54689
42 CO	13.32522	18.41683	25.01110	69.99994	0.84416	1.01203	6.23846	11.28216
43 CO	13.11094	18.18299	24.68235	69.68565	0.83522	1.00131	6.17237	11.04266
44 CO	12.90946	17.97021	24.37723	69.52556	0.82787	0.99251	6.11811	10.82626
45 CO	12.71967	17.77616	24.09372	69.51860	0.82209	0.98558	6.07537	10.63047
46 CO	12.54040	17.59811	23.82949	69.66475	0.81783	0.98048	6.04393	10.45246
47 CO	12.37040	17.43289	23.58211	69.96496	0.81508	0.97718	6.02359	10.28895
48 CO	12.20827	17.27675	23.34868	70.42120	0.81382	0.97566	6.01426	10.13623
49 CO	12.20827	17.27675	23.34868	71.03656	0.81404	0.97593	6.01589	10.13623
50 CO	12.20827	17.27675	23.34868	71.81509	0.81574	0.97797	6.02847	10.13623
51 CO	12.20827	17.27675	23.34868	72.76204	0.81894	0.98180	6.05209	10.13623
52 CO	12.20827	17.27675	23.34868	73.88387	0.82364	0.98744	6.08687	10.13623
53 CO	12.20827	17.27675	23.34868	75.18822	0.82989	0.99493	6.13300	10.13623
54 CO	12.20827	17.27675	23.34868	76.68410	0.83770	1.00429	6.19073	10.13623
55 CO	12.20827	17.27675	23.34868	78.38202	0.84713	1.01559	6.26040	10.13623
56 CO	14.30853	20.77161	28.34234	80.29398	0.85822	1.02889	6.34238	12.57733
57 CO	16.40880	24.26648	33.33601	82.43372	0.87104	1.04426	6.43714	15.01843
58 CO	18.50907	27.76134	38.32967	84.81686	0.88567	1.06180	6.54521	17.45953
59 CO	20.60933	31.25621	43.32333	87.46114	0.90218	1.08159	6.66722	19.90064
60 CO	22.70960	34.75108	48.31698	90.38646	0.92067	1.10376	6.80388	22.34174
61 CO	24.80987	38.24595	53.31065	93.61536	0.94125	1.12844	6.95599	24.78284
62 CO	26.91014	41.74081	58.30431	97.17314	0.96405	1.15577	7.12446	27.22393
63 CO	29.01040	45.23568	63.29797	101.08832	0.98919	1.18591	7.31030	29.66504
64 CO	31.11067	48.73055	68.29163	105.39283	1.01684	1.21906	7.51464	32.10614
65 CO	33.21094	52.22541	73.28528	110.12263	1.04717	1.25542	7.73878	34.54724

**Table A-18
Victoria 1993 NOX Emission Rates
for Time Period 2**

	LDGV	LTGT1	LDGT2	HGTV	LDDV	LDDT	HDDV	MC
3 NOX	2.27726	2.50714	2.91392	4.60761	2.85117	3.34691	27.88858	0.82343
4 NOX	2.09647	2.31214	2.70698	4.65529	2.73109	3.20595	26.71399	0.78760
5 NOX	1.98675	2.19408	2.58224	4.70297	2.61978	3.07528	25.62523	0.75786
6 NOX	1.91282	2.11506	2.49909	4.75065	2.51658	2.95414	24.61577	0.73376
7 NOX	1.85953	2.05875	2.44006	4.79833	2.42088	2.84180	23.67968	0.71483
8 NOX	1.81930	2.01695	2.39639	4.84601	2.33213	2.73762	22.81156	0.70065
9 NOX	1.78789	1.98507	2.36316	4.89369	2.24982	2.64100	22.00649	0.69079
10 NOX	1.76275	1.96031	2.33739	4.94137	2.17350	2.55141	21.26000	0.68486
11 NOX	1.74224	1.94086	2.31717	4.98905	2.10276	2.46837	20.56802	0.68247
12 NOX	1.72527	1.92549	2.30118	5.03673	2.03721	2.39142	19.92683	0.68324
13 NOX	1.71105	1.91334	2.28851	5.08441	1.97651	2.32016	19.33307	0.68684
14 NOX	1.69904	1.90375	2.27848	5.13209	1.92034	2.25423	18.78366	0.69291
15 NOX	1.68881	1.89624	2.27059	5.17977	1.86842	2.19328	18.27579	0.70115
16 NOX	1.68006	1.89044	2.26443	5.22745	1.82048	2.13701	17.80692	0.71125
17 NOX	1.67253	1.88603	2.25971	5.27513	1.77630	2.08514	17.37474	0.72291
18 NOX	1.66603	1.88279	2.25616	5.32281	1.73565	2.03743	16.97713	0.73588
19 NOX	1.66041	1.88049	2.25358	5.37049	1.69834	1.99363	16.61220	0.74989
20 NOX	1.66119	1.88404	2.26002	5.41817	1.66419	1.95355	16.27821	0.76472
21 NOX	1.67119	1.90084	2.28188	5.46585	1.63305	1.91699	15.97360	0.78013
22 NOX	1.68045	1.91655	2.30219	5.51353	1.60477	1.88379	15.69696	0.79592
23 NOX	1.68905	1.93129	2.32113	5.56121	1.57922	1.85380	15.44704	0.81191
24 NOX	1.69708	1.94514	2.33885	5.60889	1.55628	1.82688	15.22269	0.82792
25 NOX	1.70460	1.95818	2.35545	5.65657	1.53586	1.80290	15.02292	0.84380
26 NOX	1.71167	1.97046	2.37104	5.70425	1.51786	1.78177	14.84684	0.85940
27 NOX	1.71834	1.98203	2.38571	5.75193	1.50220	1.76339	14.69368	0.87461
28 NOX	1.72463	1.99295	2.39954	5.79961	1.48882	1.74768	14.56275	0.88932
29 NOX	1.73060	2.00324	2.41258	5.84729	1.47765	1.73457	14.45351	0.90343
30 NOX	1.73627	2.01295	2.42491	5.89497	1.46865	1.72400	14.36547	0.91688
31 NOX	1.74166	2.02210	2.43658	5.94265	1.46177	1.71593	14.29825	0.92961
32 NOX	1.74682	2.03074	2.44764	5.99032	1.45700	1.71033	14.25157	0.94158
33 NOX	1.75175	2.03890	2.45815	6.03800	1.45431	1.70717	14.22523	0.95275
34 NOX	1.75648	2.04661	2.46816	6.08568	1.45368	1.70644	14.21912	0.96313
35 NOX	1.76104	2.05390	2.47771	6.13337	1.45512	1.70813	14.23320	0.97273
36 NOX	1.76545	2.06081	2.48686	6.18104	1.45863	1.71225	14.26754	0.98156
37 NOX	1.76973	2.06738	2.49566	6.22872	1.46423	1.71882	14.32229	0.98967
38 NOX	1.77390	2.07365	2.50415	6.27640	1.47194	1.72787	14.39768	0.99711
39 NOX	1.77798	2.07965	2.51241	6.32408	1.48179	1.73943	14.49404	1.00397
40 NOX	1.78200	2.08544	2.52047	6.37176	1.49383	1.75356	14.61177	1.01032
41 NOX	1.78598	2.09105	2.52839	6.41944	1.50810	1.77031	14.75139	1.01629
42 NOX	1.78993	2.09655	2.53624	6.46712	1.52467	1.78977	14.91351	1.02199
43 NOX	1.79390	2.10198	2.54408	6.51480	1.54362	1.81201	15.09883	1.02755
44 NOX	1.79790	2.10740	2.55197	6.56248	1.56502	1.83713	15.30818	1.03315
45 NOX	1.80195	2.11286	2.55998	6.61016	1.58898	1.86525	15.54248	1.03894
46 NOX	1.80609	2.11843	2.56817	6.65784	1.61559	1.89649	15.80280	1.04512
47 NOX	1.81035	2.12418	2.57664	6.70552	1.64498	1.93100	16.09031	1.05189
48 NOX	1.81475	2.13017	2.58544	6.75320	1.67729	1.96892	16.40633	1.05948
49 NOX	1.88794	2.21681	2.69649	6.80088	1.71267	2.01045	16.75233	1.09398
50 NOX	1.96112	2.30346	2.80754	6.84856	1.75127	2.05576	17.12993	1.12848
51 NOX	2.03431	2.39010	2.91860	6.89624	1.79329	2.10509	17.54093	1.16298
52 NOX	2.10750	2.47675	3.02965	6.94392	1.83892	2.15866	17.98732	1.19748
53 NOX	2.18069	2.56339	3.14070	6.99160	1.88840	2.21674	18.47128	1.23198
54 NOX	2.25388	2.65004	3.25176	7.03928	1.94197	2.27962	18.99522	1.26648
55 NOX	2.32706	2.73668	3.36281	7.08696	1.99989	2.34761	19.56177	1.30098
56 NOX	2.40025	2.82333	3.47386	7.13464	2.06246	2.42106	20.17385	1.33548
57 NOX	2.47344	2.90997	3.58492	7.18232	2.13002	2.50037	20.83464	1.36998
58 NOX	2.54663	2.99662	3.69597	7.23000	2.20291	2.58594	21.54766	1.40448
59 NOX	2.61982	3.08326	3.80702	7.27768	2.28154	2.67823	22.31674	1.43898
60 NOX	2.69301	3.16991	3.91808	7.32536	2.36633	2.77777	23.14612	1.47348
61 NOX	2.76619	3.25655	4.02913	7.37304	2.45776	2.88509	24.04044	1.50798
62 NOX	2.83938	3.34320	4.14018	7.42072	2.55635	3.00082	25.00478	1.54248
63 NOX	2.91257	3.42984	4.25124	7.46840	2.66267	3.12563	26.04477	1.57698
64 NOX	2.98576	3.51649	4.36229	7.51608	2.77736	3.26026	27.16657	1.61148
65 NOX	3.05895	3.60313	4.47334	7.56376	2.90110	3.40552	28.37695	1.64597

Table A-19
Victoria 1993 VOC Emission Rates
for Time Period 3

	LDGV	LTGT1	LDGT2	HGTV	LDDV	LDDT	HDDV	MC
3 VOC	19.48264	21.79996	31.90831	51.41399	1.59459	2.41093	5.80984	11.78422
4 VOC	13.56184	15.35942	22.26231	38.66164	1.51391	2.28895	5.51589	10.16017
5 VOC	10.40500	11.87422	17.05404	31.85204	1.43858	2.17505	5.24143	8.95732
6 VOC	8.46514	9.70862	13.82276	27.49758	1.36820	2.06864	4.98500	8.04942
7 VOC	7.16122	8.24229	11.63825	24.38456	1.30241	1.96917	4.74529	7.35228
8 VOC	6.42052	7.35213	10.31012	22.45371	1.24087	1.87613	4.52109	6.80857
9 VOC	5.84976	6.67080	9.29713	20.83576	1.18329	1.78906	4.31127	6.37841
10 VOC	5.37916	6.12070	8.48348	19.41443	1.12937	1.70754	4.11481	6.03356
11 VOC	4.98161	5.66659	7.81593	18.15471	1.07885	1.63116	3.93076	5.75366
12 VOC	4.63889	5.28453	7.25824	17.03063	1.03150	1.55957	3.75825	5.52378
13 VOC	4.33830	4.95773	6.78492	16.02219	0.98710	1.49244	3.59647	5.33281
14 VOC	4.07073	4.67403	6.37756	15.11345	0.94544	1.42945	3.44469	5.17236
15 VOC	3.82947	4.42448	6.02255	14.29144	0.90634	1.37033	3.30221	5.03601
16 VOC	3.60948	4.20233	5.70963	13.54544	0.86962	1.31481	3.16842	4.91883
17 VOC	3.40690	4.00241	5.43097	12.86641	0.83512	1.26265	3.04272	4.81692
18 VOC	3.21875	3.82072	5.18045	12.24667	0.80269	1.21362	2.92459	4.72725
19 VOC	3.04267	3.65412	4.95332	11.67966	0.77221	1.16753	2.81351	4.64742
20 VOC	2.89575	3.52520	4.78005	11.17330	0.74353	1.12418	2.70904	4.57552
21 VOC	2.79139	3.40425	4.61078	10.72948	0.71655	1.08339	2.61074	4.51003
22 VOC	2.69543	3.29301	4.45595	10.32342	0.69116	1.04499	2.51822	4.44977
23 VOC	2.60676	3.19014	4.31356	9.95133	0.66725	1.00885	2.43112	4.39380
24 VOC	2.52446	3.09458	4.18196	9.60987	0.64474	0.97481	2.34910	4.34139
25 VOC	2.44777	3.00549	4.05983	9.29609	0.62354	0.94276	2.27185	4.29198
26 VOC	2.37605	2.92216	3.94607	9.00736	0.60356	0.91255	2.19907	4.24517
27 VOC	2.30877	2.84404	3.83980	8.74137	0.58474	0.88410	2.13049	4.20064
28 VOC	2.24548	2.77067	3.74026	8.49604	0.56701	0.85728	2.06587	4.15820
29 VOC	2.18580	2.70168	3.64686	8.26953	0.55029	0.83201	2.00498	4.11770
30 VOC	2.12941	2.63675	3.55907	8.06017	0.53454	0.80820	1.94759	4.07908
31 VOC	2.07603	2.57563	3.47648	7.86650	0.51970	0.78576	1.89351	4.04230
32 VOC	2.02541	2.51808	3.39871	7.68718	0.50571	0.76461	1.84256	4.00737
33 VOC	1.97734	2.46391	3.32546	7.52103	0.49254	0.74469	1.79455	3.97430
34 VOC	1.93162	2.41293	3.25644	7.36696	0.48013	0.72592	1.74933	3.94312
35 VOC	1.88810	2.36499	3.19141	7.22402	0.46844	0.70826	1.70675	3.91389
36 VOC	1.84661	2.31993	3.13016	7.09133	0.45744	0.69163	1.66668	3.88664
37 VOC	1.80703	2.27760	3.07247	6.96812	0.44710	0.67598	1.62898	3.86140
38 VOC	1.76922	2.23787	3.01815	6.85367	0.43737	0.66127	1.59353	3.83821
39 VOC	1.73307	2.20060	2.96704	6.74734	0.42823	0.64745	1.56023	3.81707
40 VOC	1.69847	2.16565	2.91894	6.64856	0.41965	0.63448	1.52897	3.79797
41 VOC	1.66531	2.13289	2.87370	6.55681	0.41160	0.62232	1.49965	3.78089
42 VOC	1.63351	2.10217	2.83113	6.47162	0.40406	0.61092	1.47219	3.76578
43 VOC	1.60296	2.07335	2.79106	6.39256	0.39701	0.60026	1.44651	3.75256
44 VOC	1.57358	2.04627	2.75331	6.31924	0.39043	0.59031	1.42252	3.74110
45 VOC	1.54527	2.02077	2.71770	6.25133	0.38430	0.58103	1.40017	3.73128
46 VOC	1.51794	1.99666	2.68402	6.18851	0.37859	0.57240	1.37938	3.72290
47 VOC	1.49150	1.97375	2.65206	6.13050	0.37330	0.56440	1.36009	3.71571
48 VOC	1.46628	1.95160	2.62112	6.07619	0.36840	0.55700	1.34226	3.70944
49 VOC	1.45844	1.94312	2.60801	6.01905	0.36389	0.55018	1.32582	3.70944
50 VOC	1.45105	1.93513	2.59568	5.96705	0.35975	0.54392	1.31074	3.70944
51 VOC	1.44409	1.92760	2.58406	5.91992	0.35597	0.53821	1.29697	3.70944
52 VOC	1.43752	1.92049	2.57310	5.87744	0.35254	0.53302	1.28448	3.70944
53 VOC	1.43131	1.91378	2.56274	5.83940	0.34945	0.52835	1.27323	3.70944
54 VOC	1.42544	1.90743	2.55296	5.80561	0.34670	0.52419	1.26318	3.70944
55 VOC	1.41988	1.90142	2.54370	5.77592	0.34426	0.52051	1.25432	3.70944
56 VOC	1.46788	1.98318	2.66230	5.75021	0.34215	0.51731	1.24662	3.78948
57 VOC	1.51616	2.06524	2.78135	5.72837	0.34035	0.51459	1.24005	3.86952
58 VOC	1.56469	2.14757	2.90083	5.71029	0.33885	0.51233	1.23461	3.94956
59 VOC	1.61345	2.23016	3.02070	5.69593	0.33766	0.51053	1.23027	4.02960
60 VOC	1.66244	2.31298	3.14094	5.68522	0.33677	0.50918	1.22703	4.10964
61 VOC	1.71163	2.39602	3.26152	5.67813	0.33618	0.50829	1.22487	4.18968
62 VOC	1.76101	2.47928	3.38243	5.67465	0.33589	0.50784	1.22379	4.26972
63 VOC	1.81057	2.56273	3.50364	5.67480	0.33589	0.50784	1.22379	4.34976
64 VOC	1.86031	2.64636	3.62514	5.67858	0.33618	0.50829	1.22487	4.42980
65 VOC	1.91020	2.73017	3.74690	5.68605	0.33677	0.50918	1.22703	4.50984

Table A-20
Victoria 1993 CO Emission Rates
for Time Period 3

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 CO	134.71918184	.64967276	.88287474	.66986	5.28850	6.34022	39.08284169	.36147
4 CO	102.95819141	.44414211	.69077433	.68549	4.87395	5.84323	36.01925135	.06932
5 CO	83.48764114	.43717170	.38005397	.11246	4.50008	5.39500	33.25628110	.31872
6 CO	70.35152	96.04126141	.97415364	.42456	4.16245	4.99023	30.76118	92.05479
7 CO	60.91886	82.78879121	.37788335	.16388	3.85717	4.62424	28.50512	78.30249
8 CO	53.83832	72.84862105	.86151308	.93152	3.58079	4.29290	26.46263	67.75388
9 CO	48.34212	65.15771	93.82109285	.37943	3.33027	3.99256	24.61125	59.52335
10 CO	43.96130	59.05620	84.25119264	.20346	3.10292	3.72000	22.93109	52.99877
11 CO	40.39323	54.11309	76.49052245	.13760	2.89636	3.47235	21.40455	47.74881
12 CO	37.43408	50.03542	70.08742227	.94849	2.70847	3.24710	20.01603	43.46417
13 CO	34.94161	46.61743	64.72385212	.43152	2.53739	3.04199	18.75169	39.91936
14 CO	32.81367	43.71063	60.17009198	.40683	2.38144	2.85503	17.59921	36.94757
15 CO	30.97513	41.20544	56.25658185	.71617	2.23915	2.68444	16.54764	34.42372
16 CO	29.36952	39.01945	52.85588174	.22009	2.10919	2.52864	15.58726	32.25294
17 CO	27.95374	37.08979	49.87069163	.79565	1.99040	2.38623	14.70935	30.36254
18 CO	26.69434	35.36787	47.22570154	.33408	1.88172	2.25593	13.90618	28.69637
19 CO	25.56510	33.81594	44.86203145	.73933	1.78221	2.13664	13.17082	27.21087
20 CO	24.52657	32.70189	43.25651137	.92630	1.69104	2.02734	12.49706	25.87202
21 CO	23.54716	31.52483	41.68137130	.81966	1.60746	1.92713	11.87937	24.65329
22 CO	22.65199	30.43644	40.24209124	.35242	1.53079	1.83522	11.31279	23.53402
23 CO	21.82967	29.42401	38.91910118	.46524	1.46043	1.75087	10.79285	22.49811
24 CO	21.07094	28.47780	37.69675113	.10533	1.39585	1.67344	10.31556	21.53315
25 CO	20.36825	27.59035	36.56243108	.22579	1.33655	1.60235	9.87734	20.62967
26 CO	19.71539	26.75600	35.50605103	.78481	1.28211	1.53708	9.47497	19.78042
27 CO	19.10725	25.97050	34.51944	99.74528	1.23212	1.47715	9.10555	18.98004
28 CO	18.53957	25.23060	33.59604	96.07410	1.18623	1.42214	8.76647	18.22454
29 CO	18.00876	24.53385	32.73048	92.74184	1.14414	1.37168	8.45539	17.51104
30 CO	17.51180	23.87831	31.91838	89.72232	1.10555	1.32541	8.17020	16.83742
31 CO	17.04609	23.26242	31.15610	86.99231	1.07021	1.28304	7.90902	16.20221
32 CO	16.60937	22.68484	30.44061	84.53111	1.03788	1.24429	7.67013	15.60430
33 CO	16.19965	22.14438	29.76928	82.32044	1.00837	1.20890	7.45201	15.04284
34 CO	15.81517	21.63987	29.13983	80.34418	0.98148	1.17666	7.25328	14.51719
35 CO	15.45432	21.17022	28.55021	78.58806	0.95704	1.14737	7.07271	14.02666
36 CO	15.11566	20.73426	27.99855	77.03960	0.93492	1.12084	6.90920	13.57059
37 CO	14.79785	20.33082	27.48310	75.68800	0.91497	1.09693	6.76176	13.14826
38 CO	14.49962	19.95866	27.00214	74.52388	0.89707	1.07548	6.62953	12.75879
39 CO	14.21982	19.61650	26.55405	73.53928	0.88113	1.05636	6.51172	12.40120
40 CO	13.95731	19.30295	26.13715	72.72752	0.86705	1.03948	6.40766	12.07429
41 CO	13.71103	19.01650	25.74979	72.08310	0.85475	1.02473	6.31674	11.77662
42 CO	13.47990	18.75555	25.39021	71.60175	0.84416	1.01203	6.23846	11.50662
43 CO	13.26287	18.51825	25.05662	71.28028	0.83522	1.00131	6.17237	11.26235
44 CO	13.05888	18.30256	24.74704	71.11650	0.82787	0.99251	6.11811	11.04165
45 CO	12.86678	18.10606	24.45940	71.10941	0.82209	0.98558	6.07537	10.84196
46 CO	12.68539	17.92596	24.19134	71.25890	0.81783	0.98048	6.04393	10.66041
47 CO	12.51340	17.75895	23.94036	71.56596	0.81508	0.97718	6.02359	10.49365
48 CO	12.34939	17.60117	23.70356	72.03267	0.81382	0.97566	6.01426	10.33789
49 CO	12.34939	17.60117	23.70356	72.66209	0.81404	0.97593	6.01589	10.33789
50 CO	12.34939	17.60117	23.70356	73.45844	0.81574	0.97797	6.02847	10.33789
51 CO	12.34939	17.60117	23.70356	74.42706	0.81894	0.98180	6.05209	10.33789
52 CO	12.34939	17.60117	23.70356	75.57455	0.82364	0.98744	6.08687	10.33789
53 CO	12.34939	17.60117	23.70356	76.90874	0.82989	0.99493	6.13300	10.33789
54 CO	12.34939	17.60117	23.70356	78.43887	0.83770	1.00429	6.19073	10.33789
55 CO	12.34939	17.60117	23.70356	80.17564	0.84713	1.01559	6.26040	10.33789
56 CO	14.48162	21.17252	28.78011	82.13135	0.85822	1.02889	6.34238	12.82756
57 CO	16.61385	24.74386	33.85667	84.32004	0.87104	1.04426	6.43714	15.31723
58 CO	18.74608	28.31521	38.93322	86.75774	0.88567	1.06180	6.54521	17.80689
59 CO	20.87831	31.88656	44.00978	89.46252	0.90218	1.08159	6.66722	20.29656
60 CO	23.01054	35.45790	49.08633	92.45479	0.92067	1.10376	6.80388	22.78623
61 CO	25.14277	39.02925	54.16289	95.75757	0.94125	1.12844	6.95599	25.27589
62 CO	27.27500	42.60061	59.23944	99.39677	0.96405	1.15577	7.12446	27.76556
63 CO	29.40723	46.17195	64.31599103	.40154	0.98919	1.18591	7.31030	30.29523
64 CO	31.53946	49.74330	69.39256107	.80453	1.01684	1.21906	7.51464	32.74489
65 CO	33.67169	53.31466	74.46912112	.64258	1.04717	1.25542	7.73878	35.23456

Table A-21
Victoria 1993 NOX Emission Rates
for Time Period 3

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	2.27549	2.50273	2.90428	4.58094	2.85117	3.34691	27.88858	0.81670
4 NOX	2.09458	2.30783	2.69752	4.62835	2.73109	3.20595	26.71399	0.78116
5 NOX	1.98482	2.18987	2.57288	4.67575	2.61978	3.07528	25.62523	0.75167
6 NOX	1.91088	2.11091	2.48980	4.72316	2.51658	2.95414	24.61577	0.72776
7 NOX	1.85760	2.05465	2.43082	4.77056	2.42088	2.84180	23.67968	0.70899
8 NOX	1.81738	2.01289	2.38717	4.81796	2.33213	2.73762	22.81156	0.69492
9 NOX	1.78599	1.98103	2.35394	4.86537	2.24982	2.64100	22.00649	0.68514
10 NOX	1.76086	1.95628	2.32817	4.91277	2.17350	2.55141	21.26000	0.67926
11 NOX	1.74037	1.93684	2.30793	4.96018	2.10276	2.46837	20.56802	0.67689
12 NOX	1.72341	1.92148	2.29192	5.00758	2.03721	2.39142	19.92683	0.67766
13 NOX	1.70921	1.90931	2.27922	5.05498	1.97651	2.32016	19.33307	0.68122
14 NOX	1.69721	1.89971	2.26915	5.10239	1.92034	2.25423	18.78366	0.68725
15 NOX	1.68699	1.89219	2.26121	5.14979	1.86842	2.19328	18.27579	0.69542
16 NOX	1.67825	1.88636	2.25501	5.19720	1.82048	2.13701	17.80692	0.70543
17 NOX	1.67072	1.88193	2.25023	5.24460	1.77630	2.08514	17.37474	0.71700
18 NOX	1.66423	1.87866	2.24663	5.29200	1.73565	2.03743	16.97713	0.72986
19 NOX	1.65861	1.87634	2.24399	5.33941	1.69834	1.99363	16.61220	0.74376
20 NOX	1.65939	1.87983	2.25034	5.38681	1.66419	1.95355	16.27821	0.75846
21 NOX	1.66941	1.89657	2.27210	5.43421	1.63305	1.91699	15.97360	0.77375
22 NOX	1.67868	1.91222	2.29233	5.48162	1.60477	1.88379	15.69696	0.78941
23 NOX	1.68729	1.92690	2.31118	5.52902	1.57922	1.85380	15.44704	0.80527
24 NOX	1.69533	1.94070	2.32880	5.57643	1.55628	1.82688	15.22269	0.82115
25 NOX	1.70286	1.95368	2.34532	5.62383	1.53586	1.80290	15.02292	0.83690
26 NOX	1.70993	1.96591	2.36083	5.67123	1.51786	1.78177	14.84684	0.85237
27 NOX	1.71659	1.97743	2.37542	5.71864	1.50220	1.76339	14.69368	0.86746
28 NOX	1.72289	1.98830	2.38917	5.76604	1.48882	1.74768	14.56275	0.88205
29 NOX	1.72885	1.99854	2.40214	5.81345	1.47765	1.73457	14.45351	0.89605
30 NOX	1.73451	2.00820	2.41439	5.86085	1.46865	1.72400	14.36547	0.90939
31 NOX	1.73990	2.01732	2.42599	5.90825	1.46177	1.71593	14.29825	0.92201
32 NOX	1.74504	2.02591	2.43699	5.95566	1.45700	1.71033	14.25157	0.93388
33 NOX	1.74996	2.03403	2.44743	6.00306	1.45431	1.70717	14.22523	0.94496
34 NOX	1.75469	2.04170	2.45738	6.05047	1.45368	1.70644	14.21912	0.95526
35 NOX	1.75924	2.04895	2.46687	6.09787	1.45512	1.70813	14.23320	0.96477
36 NOX	1.76363	2.05582	2.47595	6.14527	1.45863	1.71225	14.26754	0.97353
37 NOX	1.76789	2.06236	2.48469	6.19268	1.46423	1.71882	14.32229	0.98157
38 NOX	1.77204	2.06859	2.49313	6.24008	1.47194	1.72787	14.39768	0.98896
39 NOX	1.77610	2.07456	2.50132	6.28748	1.48179	1.73943	14.49404	0.99576
40 NOX	1.78010	2.08031	2.50931	6.33489	1.49383	1.75356	14.61177	1.00206
41 NOX	1.78405	2.08589	2.51717	6.38229	1.50810	1.77031	14.75139	1.00798
42 NOX	1.78798	2.09135	2.52496	6.42970	1.52467	1.78977	14.91351	1.01363
43 NOX	1.79192	2.09674	2.53273	6.47710	1.54362	1.81201	15.09883	1.01915
44 NOX	1.79588	2.10211	2.54054	6.52450	1.56502	1.83713	15.30818	1.02470
45 NOX	1.79990	2.10753	2.54847	6.57191	1.58898	1.86525	15.54248	1.03044
46 NOX	1.80400	2.11306	2.55659	6.61931	1.61559	1.89649	15.80280	1.03657
47 NOX	1.80821	2.11876	2.56496	6.66672	1.64498	1.93100	16.09031	1.04329
48 NOX	1.81257	2.12470	2.57367	6.71412	1.67729	1.96892	16.40633	1.05082
49 NOX	1.88564	2.21111	2.68418	6.76152	1.71267	2.01045	16.75233	1.08504
50 NOX	1.95871	2.29752	2.79469	6.80893	1.75127	2.05576	17.12993	1.11926
51 NOX	2.03179	2.38393	2.90521	6.85633	1.79329	2.10509	17.54093	1.15347
52 NOX	2.10486	2.47034	3.01572	6.90374	1.83892	2.15866	17.98732	1.18769
53 NOX	2.17794	2.55674	3.12623	6.95114	1.88840	2.21674	18.47128	1.22191
54 NOX	2.25101	2.64315	3.23675	6.99854	1.94197	2.27962	18.99522	1.25613
55 NOX	2.32409	2.72956	3.34726	7.04595	1.99989	2.34761	19.56177	1.29034
56 NOX	2.39716	2.81597	3.45778	7.09335	2.06246	2.42106	20.17385	1.32456
57 NOX	2.47023	2.90238	3.56829	7.14076	2.13002	2.50037	20.83464	1.35878
58 NOX	2.54331	2.98879	3.67880	7.18816	2.20291	2.58594	21.54766	1.39300
59 NOX	2.61638	3.07520	3.78932	7.23556	2.28154	2.67823	22.31674	1.42721
60 NOX	2.68946	3.16161	3.89983	7.28297	2.36633	2.77777	23.14612	1.46143
61 NOX	2.76253	3.24802	4.01034	7.33037	2.45776	2.88509	24.04044	1.49565
62 NOX	2.83561	3.33443	4.12086	7.37778	2.55635	3.00082	25.00478	1.52986
63 NOX	2.90868	3.42084	4.23137	7.42518	2.66267	3.12563	26.04477	1.56408
64 NOX	2.98176	3.50725	4.34188	7.47258	2.77736	3.26026	27.16657	1.59830
65 NOX	3.05483	3.59366	4.45240	7.51999	2.90110	3.40552	28.37695	1.63252

Table A-22
Victoria 1993 VOC Emission Rates
for Time Period 4

	LDGV	LTGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3 VOC	13.69908	17.20625	25.24055	35.74345	1.59459	2.41093	5.80984	10.72576
4 VOC	9.83002	12.54881	18.31695	28.45402	1.51391	2.28895	5.51589	9.08640
5 VOC	7.69999	9.91903	14.38828	24.26892	1.43858	2.17505	5.24143	7.87221
6 VOC	6.35956	8.23428	11.86265	21.40464	1.36820	2.06864	4.98500	6.95575
7 VOC	5.44200	7.06714	10.11001	19.23610	1.30241	1.96917	4.74529	6.25204
8 VOC	4.86979	6.31654	8.96719	17.72492	1.24087	1.87613	4.52109	5.70320
9 VOC	4.42913	5.73404	8.08460	16.42542	1.18329	1.78906	4.31127	5.26899
10 VOC	4.07169	5.26013	7.37293	15.27291	1.12937	1.70754	4.11481	4.92089
11 VOC	3.77496	4.86569	6.78671	14.24449	1.07885	1.63116	3.93076	4.63835
12 VOC	3.52381	4.53092	6.29487	13.32248	1.03150	1.55957	3.75825	4.40630
13 VOC	3.30768	4.24192	5.87548	12.49273	0.98710	1.49244	3.59647	4.21352
14 VOC	3.11900	3.98862	5.51268	11.74364	0.94544	1.42945	3.44469	4.05156
15 VOC	2.95219	3.76360	5.19474	11.06553	0.90634	1.37033	3.30221	3.91393
16 VOC	2.80305	3.56125	4.91279	10.45018	0.86962	1.31481	3.16842	3.79564
17 VOC	2.66837	3.37730	4.66008	9.89058	0.83512	1.26265	3.04272	3.69277
18 VOC	2.54567	3.20842	4.43133	9.38064	0.80269	1.21362	2.92459	3.60226
19 VOC	2.43299	3.05202	4.22243	8.91510	0.77221	1.16753	2.81351	3.52168
20 VOC	2.33126	2.93470	4.06635	8.49407	0.74353	1.12418	2.70904	3.44909
21 VOC	2.24582	2.83317	3.92126	8.11586	0.71655	1.08339	2.61074	3.38299
22 VOC	2.16751	2.73975	3.78841	7.76982	0.69116	1.04499	2.51822	3.32216
23 VOC	2.09537	2.65334	3.66608	7.45281	0.66725	1.00885	2.43112	3.26566
24 VOC	2.02863	2.57305	3.55288	7.16203	0.64474	0.97481	2.34910	3.21276
25 VOC	1.96662	2.49815	3.44767	6.89501	0.62354	0.94276	2.27185	3.16289
26 VOC	1.90883	2.42807	3.34953	6.64952	0.60356	0.91255	2.19907	3.11563
27 VOC	1.85480	2.36234	3.25772	6.42361	0.58474	0.88410	2.13049	3.07068
28 VOC	1.80414	2.30058	3.17161	6.21551	0.56701	0.85728	2.06587	3.02784
29 VOC	1.75654	2.24247	3.09071	6.02365	0.55029	0.83201	2.00498	2.98697
30 VOC	1.71172	2.18776	3.01460	5.84661	0.53454	0.80820	1.94759	2.94798
31 VOC	1.66945	2.13622	2.94293	5.68312	0.51970	0.78576	1.89351	2.91086
32 VOC	1.62951	2.08768	2.87541	5.53206	0.50571	0.76461	1.84256	2.87559
33 VOC	1.59173	2.04195	2.81178	5.39238	0.49254	0.74469	1.79455	2.84221
34 VOC	1.55596	1.99889	2.75182	5.26318	0.48013	0.72592	1.74933	2.81074
35 VOC	1.52203	1.95838	2.69535	5.14361	0.46844	0.70826	1.70675	2.78123
36 VOC	1.48984	1.92028	2.64217	5.03293	0.45744	0.69163	1.66668	2.75372
37 VOC	1.45926	1.88447	2.59213	4.93047	0.44710	0.67598	1.62898	2.72825
38 VOC	1.43019	1.85084	2.54507	4.83560	0.43737	0.66127	1.59353	2.70484
39 VOC	1.40253	1.81927	2.50084	4.74778	0.42823	0.64745	1.56023	2.68350
40 VOC	1.37619	1.78965	2.45930	4.66651	0.41965	0.63448	1.52897	2.66422
41 VOC	1.35108	1.76187	2.42029	4.59135	0.41160	0.62232	1.49965	2.64698
42 VOC	1.32711	1.73581	2.38366	4.52187	0.40406	0.61092	1.47219	2.63172
43 VOC	1.30422	1.71134	2.34927	4.45772	0.39701	0.60026	1.44651	2.61838
44 VOC	1.28232	1.68835	2.31695	4.39856	0.39043	0.59031	1.42252	2.60682
45 VOC	1.26133	1.66668	2.28652	4.34410	0.38430	0.58103	1.40017	2.59690
46 VOC	1.24118	1.64618	2.25781	4.29406	0.37859	0.57240	1.37938	2.58844
47 VOC	1.22178	1.62669	2.23060	4.24822	0.37330	0.56440	1.36009	2.58118
48 VOC	1.20325	1.60803	2.20454	4.20589	0.36840	0.55700	1.34226	2.57485
49 VOC	1.19908	1.60353	2.19771	4.16357	0.36389	0.55018	1.32582	2.57485
50 VOC	1.19515	1.59929	2.19127	4.12537	0.35975	0.54392	1.31074	2.57485
51 VOC	1.19144	1.59530	2.18520	4.09110	0.35597	0.53821	1.29697	2.57485
52 VOC	1.18794	1.59153	2.17947	4.06059	0.35254	0.53302	1.28448	2.57485
53 VOC	1.18463	1.58796	2.17406	4.03368	0.34945	0.52835	1.27323	2.57485
54 VOC	1.18150	1.58458	2.16895	4.01026	0.34670	0.52419	1.26318	2.57485
55 VOC	1.17853	1.58139	2.16410	3.99020	0.34426	0.52051	1.25432	2.57485
56 VOC	1.22566	1.65772	2.28010	3.97343	0.34215	0.51731	1.24662	2.65565
57 VOC	1.27293	1.73421	2.39634	3.95986	0.34035	0.51459	1.24005	2.73644
58 VOC	1.32034	1.81085	2.51279	3.94943	0.33885	0.51233	1.23461	2.81723
59 VOC	1.36788	1.88761	2.62945	3.94211	0.33766	0.51053	1.23027	2.89803
60 VOC	1.41552	1.96451	2.74630	3.93787	0.33677	0.50918	1.22703	2.97882
61 VOC	1.46328	2.04152	2.86333	3.93670	0.33618	0.50829	1.22487	3.05962
62 VOC	1.51114	2.11864	2.98053	3.93860	0.33589	0.50784	1.22379	3.14041
63 VOC	1.55909	2.19586	3.09788	3.94361	0.33589	0.50784	1.22379	3.22121
64 VOC	1.60714	2.27318	3.21538	3.95175	0.33618	0.50829	1.22487	3.30200
65 VOC	1.65527	2.35059	3.33302	3.96308	0.33677	0.50918	1.22703	3.38280

Table A-23
Victoria 1993 CO Emission Rates
for Time Period 4

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 CO	117.99172154	.62411238	.64648375	.29150	5.28850	6.34022	39.08284140	4.7540
4 CO	90.23723118	.44644182	.67279342	.88770	4.87395	5.84323	36.01925112	.03207
5 CO	73.25832	95.91264147	.17365313	.97174	4.50008	5.39500	33.25628	91.50290
6 CO	61.81474	80.58695122	.74798288	.12750	4.16245	4.99023	30.76118	76.35404
7 CO	53.59990	69.54938105	.02897264	.99292	3.85717	4.62424	28.50512	64.94732
8 CO	47.43261	61.26656	91.67549244	.25264	3.58079	4.29290	26.46263	56.19786
9 CO	42.64332	54.85209	81.31088225	.63148	3.33027	3.99256	24.61125	49.37113
10 CO	38.82379	49.75728	73.07166208	.88901	3.10292	3.72000	22.93109	43.95937
11 CO	35.71096	45.62460	66.38959193	.81480	2.89636	3.47235	21.40455	39.60484
12 CO	33.12776	42.21136	60.87631180	.22449	2.70847	3.24710	20.01603	36.05098
13 CO	30.95078	39.34732	56.25826167	.95621	2.53739	3.04199	18.75169	33.11077
14 CO	29.09140	36.90974	52.33778156	.86777	2.38144	2.85503	17.59921	30.64584
15 CO	27.48447	34.80806	48.96891146	.83406	2.23915	2.68444	16.54764	28.55246
16 CO	26.08103	32.97421	46.04192137	.74484	2.10919	2.52864	15.58726	26.75192
17 CO	24.84370	31.35622	43.47303129	.50288	1.99040	2.38623	14.70935	25.18394
18 CO	23.74347	29.91391	41.19735122	.02222	1.88172	2.25593	13.90618	23.80196
19 CO	22.75754	28.61597	39.16414115	.22690	1.78221	2.13664	13.17082	22.56982
20 CO	21.84579	27.67345	37.76141109	.04962	1.69104	2.02734	12.49706	21.45932
21 CO	20.98059	26.66770	36.38434103	.43085	1.60746	1.92713	11.87937	20.44845
22 CO	20.19072	25.74071	35.12649	98.31760	1.53079	1.83522	11.31279	19.52009
23 CO	19.46604	24.88137	33.97067	93.66299	1.46043	1.75087	10.79285	18.66086
24 CO	18.79828	24.08097	32.90313	89.42525	1.39585	1.67344	10.31556	17.86049
25 CO	18.18065	23.33277	31.91279	85.56731	1.33655	1.60235	9.87734	17.11110
26 CO	17.60753	22.63149	30.99075	82.05609	1.28211	1.53708	9.47497	16.40670
27 CO	17.07426	21.97305	30.12981	78.86229	1.23212	1.47715	9.10555	15.74283
28 CO	16.57694	21.35423	29.32415	75.95972	1.18623	1.42214	8.76647	15.11619
29 CO	16.11228	20.77250	28.56905	73.32513	1.14414	1.37168	8.45539	14.52438
30 CO	15.67748	20.22583	27.86060	70.93778	1.10555	1.32541	8.17020	13.96566
31 CO	15.27013	19.71253	27.19559	68.77933	1.07021	1.28304	7.90902	13.43878
32 CO	14.88813	19.23113	26.57133	66.83342	1.03788	1.24429	7.67013	12.94285
33 CO	14.52964	18.78034	25.98549	65.08559	1.00837	1.20890	7.45201	12.47716
34 CO	14.19304	18.35896	25.43605	63.52307	0.98148	1.17666	7.25328	12.04116
35 CO	13.87685	17.96588	24.92120	62.13461	0.95704	1.14737	7.07271	11.63429
36 CO	13.57974	17.59996	24.43930	60.91035	0.93492	1.12084	6.90920	11.25600
37 CO	13.30051	17.26011	23.98881	59.84172	0.91497	1.09693	6.76176	10.90571
38 CO	13.03803	16.94523	23.56825	58.92134	0.89707	1.07548	6.62953	10.58267
39 CO	12.79125	16.65418	23.17619	58.14287	0.88113	1.05636	6.51172	10.28607
40 CO	12.55918	16.38581	22.81117	57.50105	0.86705	1.03948	6.40766	10.01491
41 CO	12.34090	16.13888	22.47177	56.99156	0.85475	1.02473	6.31674	9.76801
42 CO	12.13548	15.91208	22.15649	56.61098	0.84416	1.01203	6.23846	9.54406
43 CO	11.94204	15.70400	21.86376	56.35682	0.83522	1.00131	6.17237	9.34146
44 CO	11.75968	15.51304	21.59189	56.22734	0.82787	0.99251	6.11811	9.15840
45 CO	11.58748	15.33740	21.33912	56.22172	0.82209	0.98558	6.07537	8.99277
46 CO	11.42449	15.17500	21.10342	56.33990	0.81783	0.98048	6.04393	8.84219
47 CO	11.26967	15.02341	20.88266	56.58269	0.81508	0.97718	6.02359	8.70386
48 CO	11.12194	14.87983	20.67435	56.95168	0.81382	0.97566	6.01426	8.57468
49 CO	11.12194	14.87983	20.67435	57.44933	0.81404	0.97593	6.01589	8.57468
50 CO	11.12194	14.87983	20.67435	58.07895	0.81574	0.97797	6.02847	8.57468
51 CO	11.12194	14.87983	20.67435	58.84479	0.81894	0.98180	6.05209	8.57468
52 CO	11.12194	14.87983	20.67435	59.75203	0.82364	0.98744	6.08687	8.57468
53 CO	11.12194	14.87983	20.67435	60.80690	0.82989	0.99493	6.13300	8.57468
54 CO	11.12194	14.87983	20.67435	62.01667	0.83770	1.00429	6.19073	8.57468
55 CO	11.12194	14.87983	20.67435	63.38982	0.84713	1.01559	6.26040	8.57468
56 CO	12.98053	17.81359	25.04657	64.93607	0.85822	1.02889	6.34238	10.63971
57 CO	14.83912	20.74735	29.41879	66.66655	0.87104	1.04426	6.43714	12.70474
58 CO	16.69770	23.68111	33.79101	68.59387	0.88567	1.06180	6.54521	14.76977
59 CO	18.55629	26.61487	38.16323	70.73236	0.90218	1.08159	6.66722	16.83480
60 CO	20.41488	29.54863	42.53544	73.09816	0.92067	1.10376	6.80388	18.89984
61 CO	22.27347	32.48239	46.90767	75.70947	0.94125	1.12844	6.95599	20.96487
62 CO	24.13206	35.41615	51.27989	78.58677	0.96405	1.15577	7.12446	23.02990
63 CO	25.99065	38.34991	55.65210	81.75306	0.98919	1.18591	7.31030	25.09493
64 CO	27.84924	41.28367	60.02432	85.23424	1.01684	1.21906	7.51464	27.15997
65 CO	29.70782	44.21743	64.39654	89.05937	1.04717	1.25542	7.73878	29.22500

**Table A-24
Victoria 1993 NOX Emission Rates
for Time Period 4**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	2.29897	2.55603	3.01772	4.88241	2.85117	3.34691	27.88858	0.89063
4 NOX	2.11914	2.35957	2.80871	4.93294	2.73109	3.20595	26.71399	0.85187
5 NOX	2.00971	2.24047	2.68267	4.98346	2.61978	3.07528	25.62523	0.81971
6 NOX	1.93579	2.16065	2.59867	5.03398	2.51658	2.95414	24.61577	0.79364
7 NOX	1.88237	2.10374	2.53910	5.08451	2.42088	2.84180	23.67968	0.77317
8 NOX	1.84195	2.06149	2.49511	5.13503	2.33213	2.73762	22.81156	0.75783
9 NOX	1.81032	2.02928	2.46174	5.18555	2.24982	2.64100	22.00649	0.74717
10 NOX	1.78495	2.00430	2.43598	5.23608	2.17350	2.55141	21.26000	0.74075
11 NOX	1.76423	1.98473	2.41588	5.28660	2.10276	2.46837	20.56802	0.73817
12 NOX	1.74706	1.96932	2.40011	5.33712	2.03721	2.39142	19.92683	0.73901
13 NOX	1.73266	1.95719	2.38775	5.38765	1.97651	2.32016	19.33307	0.74289
14 NOX	1.72050	1.94769	2.37810	5.43817	1.92034	2.25423	18.78366	0.74946
15 NOX	1.71014	1.94032	2.37064	5.48869	1.86842	2.19328	18.27579	0.75837
16 NOX	1.70128	1.93470	2.36496	5.53922	1.82048	2.13701	17.80692	0.76929
17 NOX	1.69367	1.93052	2.36076	5.58974	1.77630	2.08514	17.37474	0.78191
18 NOX	1.68711	1.92753	2.35776	5.64027	1.73565	2.03743	16.97713	0.79594
19 NOX	1.68144	1.92553	2.35576	5.69079	1.69834	1.99363	16.61220	0.81109
20 NOX	1.68213	1.92963	2.36311	5.74131	1.66419	1.95355	16.27821	0.82713
21 NOX	1.69197	1.94703	2.38598	5.79184	1.63305	1.91699	15.97360	0.84380
22 NOX	1.70110	1.96334	2.40728	5.84236	1.60477	1.88379	15.69696	0.86088
23 NOX	1.70961	1.97867	2.42718	5.89288	1.57922	1.85380	15.44704	0.87817
24 NOX	1.71757	1.99309	2.44582	5.94341	1.55628	1.82688	15.22269	0.89549
25 NOX	1.72505	2.00668	2.46332	5.99393	1.53586	1.80290	15.02292	0.91266
26 NOX	1.73210	2.01950	2.47978	6.04445	1.51786	1.78177	14.84684	0.92954
27 NOX	1.73876	2.03160	2.49529	6.09498	1.50220	1.76339	14.69368	0.94599
28 NOX	1.74508	2.04302	2.50992	6.14550	1.48882	1.74768	14.56275	0.96190
29 NOX	1.75108	2.05380	2.52375	6.19602	1.47765	1.73457	14.45351	0.97717
30 NOX	1.75680	2.06398	2.53683	6.24655	1.46865	1.72400	14.36547	0.99171
31 NOX	1.76227	2.07359	2.54924	6.29707	1.46177	1.71593	14.29825	1.00548
32 NOX	1.76752	2.08267	2.56101	6.34760	1.45700	1.71033	14.25157	1.01842
33 NOX	1.77256	2.09125	2.57221	6.39812	1.45431	1.70717	14.22523	1.03051
34 NOX	1.77742	2.09937	2.58289	6.44864	1.45368	1.70644	14.21912	1.04174
35 NOX	1.78212	2.10707	2.59311	6.49917	1.45512	1.70813	14.23320	1.05211
36 NOX	1.78669	2.11437	2.60291	6.54969	1.45863	1.71225	14.26754	1.06166
37 NOX	1.79115	2.12132	2.61235	6.60021	1.46423	1.71882	14.32229	1.07043
38 NOX	1.79552	2.12796	2.62150	6.65074	1.47194	1.72787	14.39768	1.07849
39 NOX	1.79983	2.13434	2.63040	6.70126	1.48179	1.73943	14.49404	1.08590
40 NOX	1.80409	2.14050	2.63912	6.75178	1.49383	1.75356	14.61177	1.09278
41 NOX	1.80834	2.14650	2.64772	6.80231	1.50810	1.77031	14.75139	1.09923
42 NOX	1.81259	2.15239	2.65627	6.85283	1.52467	1.78977	14.91351	1.10539
43 NOX	1.81688	2.15822	2.66484	6.90335	1.54362	1.81201	15.09883	1.11141
44 NOX	1.82122	2.16405	2.67350	6.95388	1.56502	1.83713	15.30818	1.11746
45 NOX	1.82566	2.16996	2.68232	7.00440	1.58898	1.86525	15.54248	1.12373
46 NOX	1.83022	2.17600	2.69139	7.05493	1.61559	1.89649	15.80280	1.13041
47 NOX	1.83493	2.18225	2.70079	7.10545	1.64498	1.93100	16.09031	1.13774
48 NOX	1.83982	2.18879	2.71060	7.15597	1.67729	1.96892	16.40633	1.14595
49 NOX	1.91430	2.27797	2.82739	7.20650	1.71267	2.01045	16.75233	1.18327
50 NOX	1.98878	2.36714	2.94417	7.25702	1.75127	2.05576	17.12993	1.22058
51 NOX	2.06325	2.45632	3.06095	7.30754	1.79329	2.10509	17.54093	1.25790
52 NOX	2.13773	2.54550	3.17774	7.35807	1.83892	2.15866	17.98732	1.29521
53 NOX	2.21221	2.63468	3.29452	7.40859	1.88840	2.21674	18.47128	1.33253
54 NOX	2.28668	2.72386	3.41131	7.45911	1.94197	2.27962	18.99522	1.36984
55 NOX	2.36116	2.81304	3.52809	7.50964	1.99989	2.34761	19.56177	1.40716
56 NOX	2.43564	2.90222	3.64488	7.56016	2.06246	2.42106	20.17385	1.44447
57 NOX	2.51011	2.99140	3.76166	7.61068	2.13002	2.50037	20.83464	1.48179
58 NOX	2.58459	3.08058	3.87844	7.66121	2.20291	2.58594	21.54766	1.51910
59 NOX	2.65907	3.16976	3.99523	7.71173	2.28154	2.67823	22.31674	1.55642
60 NOX	2.73355	3.25894	4.11201	7.76226	2.36633	2.77777	23.14612	1.59373
61 NOX	2.80802	3.34812	4.22880	7.81278	2.45776	2.88509	24.04044	1.63105
62 NOX	2.88250	3.43730	4.34558	7.86330	2.55635	3.00082	25.00478	1.66836
63 NOX	2.95698	3.52648	4.46236	7.91383	2.66267	3.12563	26.04477	1.70568
64 NOX	3.03145	3.61566	4.57915	7.96435	2.77736	3.26026	27.16657	1.74299
65 NOX	3.10593	3.70484	4.69593	8.01487	2.90110	3.40552	28.37695	1.78031

**Table A-25
Victoria 1996 VOC Emission Rates
for Time Period 1**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 VOC	12.13966	14.78639	21.09330	28.13446	1.61153	2.30014	5.16015	10.21879
4 VOC	8.64390	10.66680	15.17754	22.19580	1.52999	2.18376	4.89907	8.66554
5 VOC	6.74926	8.38878	11.88848	18.82835	1.45386	2.07510	4.65530	7.51513
6 VOC	5.57071	6.95100	9.80419	16.55011	1.38273	1.97358	4.42755	6.64681
7 VOC	4.77071	5.96507	8.37152	14.84165	1.31624	1.87868	4.21465	5.98006
8 VOC	4.28558	5.34877	7.45921	13.67586	1.25405	1.78992	4.01552	5.46005
9 VOC	3.91275	4.87088	6.75509	12.67701	1.19586	1.70685	3.82916	5.04865
10 VOC	3.60948	4.48035	6.18507	11.79181	1.14136	1.62907	3.65467	4.71883
11 VOC	3.35688	4.15356	5.71317	11.00219	1.09031	1.55620	3.49120	4.45113
12 VOC	3.14228	3.87458	5.31499	10.29429	1.04246	1.48791	3.33798	4.23128
13 VOC	2.95689	3.63228	4.97343	9.65706	0.99758	1.42386	3.19429	4.04863
14 VOC	2.79442	3.41868	4.67618	9.08151	0.95548	1.36377	3.05948	3.89517
15 VOC	2.65025	3.22789	4.41414	8.56014	0.91596	1.30736	2.93294	3.76478
16 VOC	2.52090	3.05548	4.18048	8.08664	0.87885	1.25439	2.81411	3.65269
17 VOC	2.40373	2.89807	3.96997	7.65559	0.84399	1.20463	2.70247	3.55523
18 VOC	2.29666	2.75304	3.77853	7.26234	0.81122	1.15786	2.59754	3.46947
19 VOC	2.19809	2.61832	3.60299	6.90285	0.78041	1.11388	2.49889	3.39312
20 VOC	2.10587	2.51074	3.46318	6.57923	0.75143	1.07252	2.40610	3.32435
21 VOC	2.02743	2.42236	3.33920	6.29120	0.72416	1.03360	2.31879	3.26172
22 VOC	1.95563	2.34135	3.22588	6.02759	0.69850	0.99697	2.23662	3.20409
23 VOC	1.88960	2.26672	3.12177	5.78602	0.67434	0.96249	2.15926	3.15056
24 VOC	1.82860	2.19766	3.02567	5.56436	0.65159	0.93002	2.08641	3.10043
25 VOC	1.77205	2.13353	2.93660	5.36071	0.63016	0.89943	2.01780	3.05318
26 VOC	1.71942	2.07376	2.85376	5.17341	0.60997	0.87062	1.95316	3.00840
27 VOC	1.67029	2.01793	2.77647	5.00094	0.59095	0.84347	1.89225	2.96582
28 VOC	1.62430	1.96564	2.70417	4.84198	0.57303	0.81789	1.83486	2.92523
29 VOC	1.58114	1.91658	2.63639	4.69533	0.55614	0.79378	1.78077	2.88650
30 VOC	1.54052	1.87048	2.57274	4.55991	0.54022	0.77106	1.72980	2.84956
31 VOC	1.50223	1.82711	2.51288	4.43477	0.52522	0.74965	1.68177	2.81439
32 VOC	1.46605	1.78626	2.45652	4.31904	0.51109	0.72948	1.63651	2.78097
33 VOC	1.43181	1.74776	2.40341	4.21194	0.49777	0.71047	1.59387	2.74934
34 VOC	1.39935	1.71145	2.35331	4.11277	0.48523	0.69257	1.55371	2.71953
35 VOC	1.36852	1.67719	2.30605	4.02091	0.47342	0.67571	1.51589	2.69157
36 VOC	1.33921	1.64484	2.26145	3.93578	0.46230	0.65985	1.48030	2.66551
37 VOC	1.31129	1.61430	2.21933	3.85687	0.45184	0.64492	1.44682	2.64137
38 VOC	1.28466	1.58543	2.17956	3.78372	0.44201	0.63089	1.41533	2.61919
39 VOC	1.25924	1.55815	2.14200	3.71591	0.43277	0.61770	1.38576	2.59897
40 VOC	1.23494	1.53236	2.10650	3.65306	0.42410	0.60533	1.35799	2.58071
41 VOC	1.21167	1.50794	2.07296	3.59484	0.41597	0.59372	1.33195	2.56437
42 VOC	1.18937	1.48482	2.04123	3.54092	0.40836	0.58285	1.30756	2.54992
43 VOC	1.16797	1.46290	2.01121	3.49104	0.40123	0.57268	1.28475	2.53727
44 VOC	1.14741	1.44209	1.98277	3.44494	0.39458	0.56318	1.26345	2.52632
45 VOC	1.12762	1.42229	1.95578	3.40239	0.38838	0.55433	1.24359	2.51692
46 VOC	1.10854	1.40340	1.93012	3.36320	0.38261	0.54610	1.22513	2.50890
47 VOC	1.09012	1.38532	1.90565	3.32718	0.37726	0.53847	1.20800	2.50203
48 VOC	1.07251	1.36794	1.88212	3.29387	0.37231	0.53141	1.19216	2.49603
49 VOC	1.06841	1.36359	1.87587	3.26102	0.36775	0.52490	1.17756	2.49603
50 VOC	1.06455	1.35949	1.86999	3.23133	0.36357	0.51893	1.16417	2.49603
51 VOC	1.06091	1.35563	1.86445	3.20465	0.35975	0.51348	1.15194	2.49603
52 VOC	1.05747	1.35198	1.85921	3.18085	0.35629	0.50853	1.14084	2.49603
53 VOC	1.05421	1.34853	1.85427	3.15980	0.35317	0.50408	1.13085	2.49603
54 VOC	1.05114	1.34527	1.84959	3.14141	0.35038	0.50010	1.12193	2.49603
55 VOC	1.04822	1.34217	1.84516	3.12560	0.34792	0.49659	1.11405	2.49603
56 VOC	1.08227	1.39707	1.93208	3.11229	0.34578	0.49354	1.10721	2.57258
57 VOC	1.11645	1.45212	2.01922	3.10142	0.34396	0.49094	1.10138	2.64913
58 VOC	1.15077	1.50730	2.10656	3.09295	0.34245	0.48879	1.09655	2.72568
59 VOC	1.18521	1.56262	2.19408	3.08685	0.34125	0.48707	1.09269	2.80223
60 VOC	1.21977	1.61805	2.28178	3.08309	0.34035	0.48578	1.08981	2.87879
61 VOC	1.25443	1.67360	2.36964	3.08167	0.33975	0.48493	1.08790	2.95534
62 VOC	1.28919	1.72926	2.45766	3.08258	0.33945	0.48450	1.08694	3.03189
63 VOC	1.32404	1.78501	2.54582	3.08585	0.33945	0.48450	1.08694	3.10844
64 VOC	1.35899	1.84086	2.63411	3.09149	0.33975	0.48493	1.08790	3.18499
65 VOC	1.39401	1.89680	2.72253	3.09956	0.34035	0.48578	1.08981	3.26154

Table A-26
Victoria 1996 CO Emission Rates
for Time Period 1

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 CO	97.82745	125.10297	191.34073	283.35327	5.32334	6.11041	37.01066	140.07657
4 CO	75.19153	96.02729	146.49030	258.88763	4.90606	5.63143	34.10950	111.71400
5 CO	61.48605	78.20171	118.54852	237.05550	4.52972	5.19946	31.49302	91.24311
6 CO	52.30359	66.18364	99.51254	217.54251	4.18987	4.80936	29.13022	76.13726
7 CO	45.73097	57.56278	85.76997	200.07539	3.88258	4.45663	26.99377	64.76292
8 CO	40.80063	51.09920	75.42942	184.41602	3.60438	4.13730	25.05958	56.03831
9 CO	36.96984	46.08785	67.39906	170.35666	3.35221	3.84785	23.30636	49.23096
10 CO	33.91051	42.09795	61.00359	157.71573	3.12336	3.58516	21.71528	43.83456
11 CO	31.41259	38.85148	55.80315	146.33438	2.91544	3.34650	20.26968	39.49239
12 CO	29.33545	36.16120	51.49942	136.07336	2.72631	3.12941	18.95478	35.94862
13 CO	27.58443	33.89649	47.88337	126.81056	2.55410	2.93173	17.75747	33.01677
14 CO	26.08059	31.96353	44.80447	118.43855	2.39713	2.75155	16.66609	30.55884
15 CO	24.78160	30.29329	42.15182	110.86289	2.25390	2.58714	15.67028	28.47139
16 CO	23.64593	28.83398	39.84216	104.00034	2.12309	2.43699	14.76082	26.67597
17 CO	22.64416	27.54601	37.81182	97.77748	2.00351	2.29973	13.92946	25.11244
18 CO	21.75341	26.39875	36.01151	92.12943	1.89411	2.17416	13.16887	23.73438
19 CO	20.95570	25.36821	34.40254	86.99879	1.79395	2.05919	12.47250	22.50574
20 CO	20.12123	24.50100	33.15554	82.33484	1.70218	1.95385	11.83447	21.39839
21 CO	19.25737	23.54591	31.91163	78.09253	1.61805	1.85728	11.24953	20.39040
22 CO	18.47058	22.67110	30.77790	74.23192	1.54087	1.76870	10.71298	19.46467
23 CO	17.75070	21.86571	29.73913	70.71758	1.47006	1.68741	10.22061	18.60788
24 CO	17.08932	21.12095	28.78291	67.51802	1.40505	1.61279	9.76863	17.80978
25 CO	16.47944	20.42974	27.89908	64.60516	1.34536	1.54427	9.35365	17.06252
26 CO	15.91520	19.78630	27.07928	61.95412	1.29055	1.48136	8.97260	16.36012
27 CO	15.39166	19.18592	26.31660	59.54274	1.24023	1.42361	8.62277	15.69813
28 CO	14.90462	18.62467	25.60528	57.35123	1.19405	1.37059	8.30167	15.07327
29 CO	14.45047	18.09933	24.94053	55.36205	1.15168	1.32196	8.00708	14.48314
30 CO	14.02615	17.60715	24.31826	53.55956	1.11283	1.27737	7.73702	13.92601
31 CO	13.62896	17.14581	23.73505	51.92988	1.07726	1.23654	7.48968	13.40062
32 CO	13.25657	16.71325	23.18792	50.46068	1.04472	1.19919	7.26346	12.90610
33 CO	12.90691	16.30768	22.67430	49.14103	1.01501	1.16508	7.05690	12.44173
34 CO	12.57818	15.92748	22.19193	47.96129	0.98794	1.13401	6.86871	12.00697
35 CO	12.26875	15.57118	21.73879	46.91298	0.96335	1.10578	6.69771	11.60126
36 CO	11.97718	15.23743	21.31308	45.98863	0.94108	1.08022	6.54287	11.22405
37 CO	11.70215	14.92495	20.91314	45.18179	0.92100	1.05717	6.40325	10.87475
38 CO	11.44248	14.63254	20.53744	44.48689	0.90298	1.03649	6.27803	10.55262
39 CO	11.19710	14.35907	20.18456	43.89912	0.88694	1.01808	6.16647	10.25686
40 CO	10.96501	14.10342	19.85312	43.41454	0.87276	1.00181	6.06792	9.98648
41 CO	10.74529	13.86451	19.54185	43.02986	0.86038	0.98759	5.98183	9.74028
42 CO	10.53710	13.64125	19.24943	42.74252	0.84972	0.97535	5.90770	9.51697
43 CO	10.33963	13.43254	18.97465	42.55062	0.84072	0.96502	5.84511	9.31494
44 CO	10.15212	13.23723	18.71619	42.45286	0.83333	0.95654	5.79373	9.13240
45 CO	9.97383	13.05410	18.47278	42.44862	0.82751	0.94985	5.75326	8.96724
46 CO	9.80402	12.88178	18.24306	42.53786	0.82322	0.94494	5.72348	8.81709
47 CO	9.64198	12.71881	18.02561	42.72116	0.82045	0.94176	5.70422	8.67915
48 CO	9.48698	12.56352	17.81890	42.99976	0.81918	0.94030	5.69538	8.55033
49 CO	9.48698	12.56352	17.81890	43.37548	0.81940	0.94055	5.69692	8.55033
50 CO	9.48698	12.56352	17.81890	43.85086	0.82112	0.94252	5.70884	8.55033
51 CO	9.48698	12.56352	17.81890	44.42908	0.82433	0.94621	5.73121	8.55033
52 CO	9.48698	12.56352	17.81890	45.11408	0.82907	0.95165	5.76414	8.55033
53 CO	9.48698	12.56352	17.81890	45.91053	0.83535	0.95886	5.80783	8.55033
54 CO	9.48698	12.56352	17.81890	46.82393	0.84322	0.96789	5.86250	8.55033
55 CO	9.48698	12.56352	17.81890	47.86069	0.85271	0.97878	5.92847	8.55033
56 CO	10.81303	14.74803	21.18745	49.02814	0.86387	0.99160	6.00610	10.60950
57 CO	12.13908	16.93255	24.55598	50.33469	0.87678	1.00641	6.09584	12.66867
58 CO	13.46513	19.11706	27.92452	51.78986	0.89150	1.02331	6.19818	14.72784
59 CO	14.79118	21.30157	31.29307	53.40446	0.90812	1.04239	6.31373	16.78701
60 CO	16.11723	23.48609	34.66161	55.19070	0.92673	1.06375	6.44314	18.84618
61 CO	17.44327	25.67061	38.03014	57.16228	0.94745	1.08754	6.58719	20.90535
62 CO	18.76933	27.85512	41.39868	59.33471	0.97040	1.11387	6.74672	22.96451
63 CO	20.09538	30.03963	44.76722	61.72533	0.99571	1.14293	6.92270	25.02369
64 CO	21.42142	32.22415	48.13576	64.35370	1.02354	1.17488	7.11622	27.08286
65 CO	22.74748	34.40867	51.50431	67.24175	1.05407	1.20992	7.32847	29.14202

Table A-27
Victoria 1996 NOX Emission Rates
for Time Period 1

	LDGV	LTGT1	LDGT2	HGCV	LDDV	LDDT	HDDV	MC
3 NOX	2.18648	2.44534	3.09678	4.56254	2.71882	3.15002	22.45594	0.89199
4 NOX	2.00660	2.24611	2.85800	4.60975	2.60431	3.01735	21.51015	0.85317
5 NOX	1.89792	2.12593	2.71479	4.65696	2.49817	2.89437	20.63348	0.82096
6 NOX	1.82498	2.04558	2.61957	4.70418	2.39976	2.78035	19.82067	0.79485
7 NOX	1.77257	1.98824	2.55193	4.75139	2.30850	2.67462	19.06693	0.77435
8 NOX	1.73306	1.94545	2.50164	4.79860	2.22387	2.57657	18.36791	0.75899
9 NOX	1.70221	1.91250	2.46301	4.84582	2.14539	2.48563	17.71967	0.74831
10 NOX	1.67749	1.88654	2.43260	4.89303	2.07261	2.40132	17.11859	0.74188
11 NOX	1.65725	1.86575	2.40821	4.94024	2.00515	2.32316	16.56141	0.73929
12 NOX	1.64041	1.84888	2.38837	4.98746	1.94264	2.25074	16.04513	0.74013
13 NOX	1.62621	1.83508	2.37204	5.03467	1.88476	2.18367	15.56703	0.74403
14 NOX	1.61410	1.82371	2.35850	5.08188	1.83120	2.12161	15.12464	0.75061
15 NOX	1.60368	1.81430	2.34717	5.12910	1.78168	2.06425	14.71570	0.75953
16 NOX	1.59465	1.80649	2.33766	5.17631	1.73597	2.01129	14.33817	0.77047
17 NOX	1.58676	1.80000	2.32963	5.22353	1.69384	1.96248	13.99017	0.78310
18 NOX	1.57983	1.79461	2.32282	5.27074	1.65508	1.91757	13.67002	0.79715
19 NOX	1.57373	1.79013	2.31704	5.31795	1.61950	1.87635	13.37617	0.81233
20 NOX	1.57569	1.78901	2.31744	5.36517	1.58694	1.83862	13.10724	0.82839
21 NOX	1.58553	1.80220	2.33649	5.41238	1.55725	1.80422	12.86197	0.84508
22 NOX	1.59455	1.81445	2.35404	5.45959	1.53028	1.77297	12.63923	0.86219
23 NOX	1.60286	1.82585	2.37027	5.50681	1.50591	1.74474	12.43799	0.87951
24 NOX	1.61055	1.83650	2.38532	5.55402	1.48404	1.71940	12.25734	0.89685
25 NOX	1.61770	1.84645	2.39933	5.60123	1.46457	1.69684	12.09649	0.91405
26 NOX	1.62436	1.85579	2.41240	5.64845	1.44740	1.67695	11.95471	0.93096
27 NOX	1.63060	1.86454	2.42463	5.69566	1.43247	1.65965	11.83138	0.94743
28 NOX	1.63645	1.87277	2.43610	5.74287	1.41970	1.64486	11.72596	0.96336
29 NOX	1.64195	1.88050	2.44688	5.79009	1.40905	1.63252	11.63799	0.97865
30 NOX	1.64715	1.88778	2.45703	5.83730	1.40047	1.62258	11.56710	0.99322
31 NOX	1.65206	1.89463	2.46662	5.88451	1.39392	1.61499	11.51298	1.00701
32 NOX	1.65673	1.90109	2.47569	5.93173	1.38937	1.60972	11.47539	1.01997
33 NOX	1.66116	1.90717	2.48429	5.97894	1.38680	1.60674	11.45418	1.03208
34 NOX	1.66540	1.91292	2.49247	6.02615	1.38620	1.60605	11.44926	1.04332
35 NOX	1.66945	1.91836	2.50027	6.07337	1.38758	1.60764	11.46060	1.05372
36 NOX	1.67334	1.92350	2.50774	6.12058	1.39093	1.61152	11.48825	1.06328
37 NOX	1.67708	1.92839	2.51491	6.16779	1.39626	1.61770	11.53234	1.07207
38 NOX	1.68070	1.93305	2.52182	6.21501	1.40361	1.62622	11.59304	1.08013
39 NOX	1.68422	1.93750	2.52851	6.26222	1.41301	1.63710	11.67063	1.08756
40 NOX	1.68764	1.94178	2.53502	6.30943	1.42448	1.65040	11.76542	1.09445
41 NOX	1.69098	1.94591	2.54139	6.35665	1.43809	1.66617	11.87785	1.10091
42 NOX	1.69427	1.94993	2.54766	6.40386	1.45390	1.68448	12.00838	1.10708
43 NOX	1.69751	1.95386	2.55387	6.45107	1.47197	1.70541	12.15761	1.11311
44 NOX	1.70073	1.95776	2.56005	6.49829	1.49238	1.72906	12.32618	1.11917
45 NOX	1.70393	1.96163	2.56625	6.54550	1.51522	1.75552	12.51484	1.12544
46 NOX	1.70715	1.96554	2.57252	6.59272	1.54060	1.78493	12.72445	1.13214
47 NOX	1.71039	1.96951	2.57888	6.63993	1.56862	1.81740	12.95595	1.13948
48 NOX	1.71367	1.97359	2.58540	6.68714	1.59943	1.85310	13.21041	1.14770
49 NOX	1.77659	2.05272	2.69402	6.73436	1.63316	1.89218	13.48901	1.18507
50 NOX	1.83952	2.13186	2.80264	6.78157	1.66998	1.93483	13.79305	1.22244
51 NOX	1.90244	2.21099	2.91126	6.82878	1.71004	1.98125	14.12399	1.25981
52 NOX	1.96536	2.29012	3.01988	6.87600	1.75356	2.03167	14.48343	1.29719
53 NOX	2.02828	2.36926	3.12850	6.92321	1.80074	2.08633	14.87311	1.33456
54 NOX	2.09121	2.44839	3.23712	6.97042	1.85182	2.14551	15.29499	1.37193
55 NOX	2.15413	2.52752	3.34574	7.01764	1.90705	2.20950	15.75118	1.40930
56 NOX	2.21705	2.60665	3.45437	7.06485	1.96672	2.27864	16.24402	1.44667
57 NOX	2.27998	2.68579	3.56299	7.11206	2.03114	2.35327	16.77610	1.48405
58 NOX	2.34290	2.76492	3.67161	7.15928	2.10065	2.43381	17.35022	1.52142
59 NOX	2.40582	2.84405	3.78023	7.20649	2.17563	2.52068	17.96948	1.55879
60 NOX	2.46875	2.92318	3.88885	7.25370	2.25649	2.61435	18.63730	1.59616
61 NOX	2.53167	3.00232	3.99747	7.30092	2.34367	2.71537	19.35740	1.63353
62 NOX	2.59459	3.08145	4.10609	7.34813	2.43769	2.82429	20.13390	1.67091
63 NOX	2.65751	3.16058	4.21471	7.39534	2.53907	2.94176	20.97130	1.70828
64 NOX	2.72044	3.23972	4.32333	7.44256	2.64844	3.06846	21.87458	1.74565
65 NOX	2.78336	3.31885	4.43196	7.48977	2.76643	3.20518	22.84917	1.78302

Table A-28
Victoria 1996 VOC Emission Rates
for Time Period 2

	LDGV	LTGT1	LDGT2	HDTV	LDDV	LDDT	HDDV	MC
3 VOC	16.82907	18.22898	26.08816	39.90831	1.61153	2.30014	5.16015	11.18887
4 VOC	11.62910	12.69361	18.07421	29.92937	1.52999	2.18376	4.89907	9.64962
5 VOC	8.88949	9.75202	13.80878	24.60957	1.45386	2.07510	4.65530	8.50958
6 VOC	7.22163	7.94935	11.19129	21.21628	1.38273	1.97358	4.42755	7.64909
7 VOC	6.10841	6.74095	9.43541	18.79705	1.31624	1.87868	4.21465	6.98835
8 VOC	5.49195	6.02934	8.39049	17.31249	1.25405	1.78992	4.01552	6.47303
9 VOC	5.01805	5.48566	7.59445	16.06984	1.19586	1.70685	3.82916	6.06533
10 VOC	4.62645	5.04501	6.95309	14.97746	1.14136	1.62907	3.65467	5.73849
11 VOC	4.29476	4.67953	6.42480	14.00843	1.09031	1.55620	3.49120	5.47320
12 VOC	4.00801	4.37042	5.98144	13.14281	1.04246	1.48791	3.33798	5.25532
13 VOC	3.75581	4.10457	5.60334	12.36524	0.99758	1.42386	3.19429	5.07432
14 VOC	3.53071	3.87256	5.27632	11.66354	0.95548	1.36377	3.05948	4.92225
15 VOC	3.32726	3.66745	4.98995	11.02779	0.91596	1.30736	2.93294	4.79303
16 VOC	3.14134	3.48402	4.73637	10.44981	0.87885	1.25439	2.81411	4.68196
17 VOC	2.96983	3.31828	4.50956	9.92271	0.84399	1.20463	2.70247	4.58537
18 VOC	2.81028	3.16715	4.30487	9.44064	0.81122	1.15786	2.59754	4.50039
19 VOC	2.66078	3.02818	4.11862	8.99858	0.78041	1.11388	2.49889	4.42472
20 VOC	2.53248	2.91377	3.96704	8.60671	0.75143	1.07252	2.40610	4.35657
21 VOC	2.43942	2.81196	3.82549	8.26849	0.72416	1.03360	2.31879	4.29451
22 VOC	2.35398	2.71866	3.69621	7.95892	0.69850	0.99697	2.23662	4.23740
23 VOC	2.27516	2.63274	3.57752	7.67511	0.67434	0.96249	2.15926	4.18435
24 VOC	2.20213	2.55325	3.46807	7.41453	0.65159	0.93002	2.08641	4.13467
25 VOC	2.13419	2.47945	3.36672	7.17494	0.63016	0.89943	2.01780	4.08784
26 VOC	2.07076	2.41071	3.27254	6.95435	0.60997	0.87062	1.95316	4.04347
27 VOC	2.01136	2.34651	3.18476	6.75099	0.59095	0.84347	1.89225	4.00127
28 VOC	1.95555	2.28640	3.10272	6.56329	0.57303	0.81789	1.83486	3.96105
29 VOC	1.90299	2.23004	3.02588	6.38986	0.55614	0.79378	1.78077	3.92267
30 VOC	1.85336	2.17710	2.95377	6.22943	0.54022	0.77106	1.72980	3.88606
31 VOC	1.80639	2.12732	2.88600	6.08089	0.52522	0.74965	1.68177	3.85121
32 VOC	1.76186	2.08046	2.82222	5.94322	0.51109	0.72948	1.63651	3.81809
33 VOC	1.71954	2.03632	2.76214	5.81553	0.49777	0.71047	1.59387	3.78675
34 VOC	1.67927	1.99471	2.70549	5.69701	0.48523	0.69257	1.55371	3.75720
35 VOC	1.64088	1.95548	2.65205	5.58691	0.47342	0.67571	1.51589	3.72950
36 VOC	1.60422	1.91847	2.60160	5.48458	0.46230	0.65985	1.48030	3.70367
37 VOC	1.56917	1.88354	2.55396	5.38943	0.45184	0.64492	1.44682	3.67975
38 VOC	1.53560	1.85057	2.50896	5.30093	0.44201	0.63089	1.41533	3.65777
39 VOC	1.50341	1.81942	2.46643	5.21858	0.43277	0.61770	1.38576	3.63773
40 VOC	1.47251	1.79000	2.42622	5.14195	0.42410	0.60533	1.35799	3.61963
41 VOC	1.44279	1.76218	2.38819	5.07064	0.41597	0.59372	1.33195	3.60344
42 VOC	1.41419	1.73585	2.35219	5.00430	0.40836	0.58285	1.30756	3.58912
43 VOC	1.38662	1.71092	2.31809	4.94261	0.40123	0.57268	1.28475	3.57659
44 VOC	1.36000	1.68727	2.28576	4.88527	0.39458	0.56318	1.26345	3.56573
45 VOC	1.33427	1.66478	2.25506	4.83203	0.38838	0.55433	1.24359	3.55642
46 VOC	1.30937	1.64336	2.22585	4.78264	0.38261	0.54610	1.22513	3.54847
47 VOC	1.28522	1.62286	2.19797	4.73689	0.37726	0.53847	1.20800	3.54166
48 VOC	1.26216	1.60300	2.17092	4.69408	0.37231	0.53141	1.19216	3.53572
49 VOC	1.25488	1.59527	2.15966	4.65031	0.36775	0.52490	1.17756	3.53572
50 VOC	1.24804	1.58798	2.14906	4.61045	0.36357	0.51893	1.16417	3.53572
51 VOC	1.24158	1.58112	2.13908	4.57430	0.35975	0.51348	1.15194	3.53572
52 VOC	1.23549	1.57464	2.12965	4.54169	0.35629	0.50853	1.14084	3.53572
53 VOC	1.22973	1.56852	2.12076	4.51246	0.35317	0.50408	1.13085	3.53572
54 VOC	1.22429	1.56273	2.11234	4.48647	0.35038	0.50010	1.12193	3.53572
55 VOC	1.21913	1.55725	2.10438	4.46360	0.34792	0.49659	1.11405	3.53572
56 VOC	1.25258	1.61369	2.19146	4.44375	0.34578	0.49354	1.10721	3.61158
57 VOC	1.28628	1.67041	2.27893	4.42684	0.34396	0.49094	1.10138	3.68744
58 VOC	1.32021	1.72737	2.36676	4.41280	0.34245	0.48879	1.09655	3.76330
59 VOC	1.35436	1.78456	2.45493	4.40158	0.34125	0.48707	1.09269	3.83916
60 VOC	1.38872	1.84197	2.54342	4.39313	0.34035	0.48578	1.08981	3.91502
61 VOC	1.42326	1.89958	2.63220	4.38744	0.33975	0.48493	1.08790	3.99088
62 VOC	1.45799	1.95739	2.72127	4.38448	0.33945	0.48450	1.08694	4.06674
63 VOC	1.49288	2.01537	2.81059	4.38427	0.33945	0.48450	1.08694	4.14260
64 VOC	1.52793	2.07351	2.90015	4.38683	0.33975	0.48493	1.08790	4.21846
65 VOC	1.56312	2.13182	2.98995	4.39218	0.34035	0.48578	1.08981	4.29433

Table A-29
Victoria 1996 CO Emission Rates
for Time Period 2

	LDGV	LTGT1	LDGT2	HGCV	LDDV	LDDT	HDDV	MC
3 CO	105.65467140	31909212	02606352	77032	5.32334	6.11041	37.01066166	05774
4 CO	81.14426107	67512162	18994322	31107	4.90606	5.63143	34.10950132	43452
5 CO	66.27975	87.58972131	12067295	13034	4.52972	5.19946	31.49302108	16673
6 CO	56.31236	74.02444109	94837270	83698	4.18987	4.80936	29.13022	90.25908
7 CO	49.17569	64.28845	94.66325249	09076	3.88258	4.45663	26.99377	76.77505
8 CO	43.82240	56.99041	83.16343229	59506	3.60438	4.13730	25.05958	66.43221
9 CO	39.66402	51.33595	74.23456212	09137	3.35221	3.84785	23.30636	58.36223
10 CO	36.34431	46.83829	67.12509196	35361	3.12336	3.58516	21.71528	51.96492
11 CO	33.63493	43.18255	61.34542182	18401	2.91544	3.34650	20.26968	46.81738
12 CO	31.38293	40.15629	56.56338169	40921	2.72631	3.12941	18.95478	42.61632
13 CO	29.48197	37.61113	52.54619157	87717	2.55410	2.93173	17.75747	39.14066
14 CO	27.85593	35.44040	49.12624147	45416	2.39713	2.75155	16.66609	36.22684
15 CO	26.44889	33.56559	46.18008138	02258	2.25390	2.58714	15.67028	33.75222
16 CO	25.21889	31.92775	43.61495129	47879	2.12309	2.43699	14.76082	31.62378
17 CO	24.13387	30.48185	41.36003121	73143	2.00351	2.29973	13.92946	29.77026
18 CO	23.16895	29.19308	39.36045114	69968	1.89411	2.17416	13.16887	28.13659
19 CO	22.30453	28.03422	37.57319108	31216	1.79395	2.05919	12.47250	26.68007
20 CO	21.40937	27.07608	36.20938102	50558	1.70218	1.95385	11.83447	25.36733
21 CO	20.48955	26.03251	34.85658	97.22397	1.61805	1.85728	11.24953	24.17238
22 CO	19.65136	25.07471	33.62322	92.41759	1.54087	1.76870	10.71298	23.07494
23 CO	18.88397	24.19097	32.49274	88.04230	1.47006	1.68741	10.22061	22.05924
24 CO	18.17850	23.37192	31.45169	84.05885	1.40505	1.61279	9.76863	21.11311
25 CO	17.52755	22.61005	30.48908	80.43240	1.34536	1.54427	9.35365	20.22725
26 CO	16.92494	21.89934	29.59586	77.13193	1.29055	1.48136	8.97260	19.39457
27 CO	16.36547	21.23491	28.76459	74.12979	1.24023	1.42361	8.62277	18.60980
28 CO	15.84476	20.61280	27.98907	71.40140	1.19405	1.37059	8.30167	17.86904
29 CO	15.35902	20.02976	27.26414	68.92489	1.15168	1.32196	8.00708	17.16945
30 CO	14.95006	19.48303	26.58544	66.68082	1.11283	1.27737	7.73702	16.50898
31 CO	14.48006	18.97033	25.94929	64.65189	1.07726	1.23654	7.48968	15.88615
32 CO	14.08159	18.48961	25.35252	62.82275	1.04472	1.19919	7.26346	15.29991
33 CO	13.70750	18.03911	24.79236	61.17980	1.01501	1.16508	7.05690	14.74941
34 CO	13.35591	17.61720	24.26641	59.71106	0.98794	1.13401	6.86871	14.23401
35 CO	13.02511	17.22240	23.77251	58.40592	0.96335	1.10578	6.69771	13.75304
36 CO	12.71358	16.85332	23.30871	57.25513	0.94108	1.08022	6.54287	13.30587
37 CO	12.41996	16.50863	22.87323	56.25063	0.92100	1.05717	6.40325	12.89178
38 CO	12.14298	16.18706	22.46444	55.38547	0.90298	1.03649	6.27803	12.50991
39 CO	11.88151	15.88739	22.08076	54.65372	0.88694	1.01808	6.16647	12.15929
40 CO	11.63449	15.60840	21.72072	54.05042	0.87276	1.00181	6.06792	11.83875
41 CO	11.40094	15.34886	21.38290	53.57150	0.86038	0.98759	5.98183	11.54689
42 CO	11.17994	15.10754	21.06588	53.21378	0.84972	0.97535	5.90770	11.28216
43 CO	10.97062	14.88315	20.76828	52.97485	0.84072	0.96502	5.84511	11.04266
44 CO	10.77213	14.67432	20.48868	52.85315	0.83333	0.95654	5.79373	10.82626
45 CO	10.58364	14.47953	20.22564	52.84786	0.82751	0.94985	5.75326	10.63047
46 CO	10.40434	14.29711	19.97761	52.95895	0.82322	0.94494	5.72348	10.45246
47 CO	10.23337	14.12517	19.74300	53.18717	0.82045	0.94176	5.70422	10.28895
48 CO	10.06989	13.96156	19.52007	53.53402	0.81918	0.94030	5.69538	10.13623
49 CO	10.06989	13.96156	19.52007	54.00180	0.81940	0.94055	5.69692	10.13623
50 CO	10.06989	13.96156	19.52007	54.59364	0.82112	0.94252	5.70884	10.13623
51 CO	10.06989	13.96156	19.52007	55.31351	0.82433	0.94621	5.73121	10.13623
52 CO	10.06989	13.96156	19.52007	56.16632	0.82907	0.95165	5.76414	10.13623
53 CO	10.06989	13.96156	19.52007	57.15788	0.83535	0.95886	5.80783	10.13623
54 CO	10.06989	13.96156	19.52007	58.29506	0.84322	0.96789	5.86250	10.13623
55 CO	10.06989	13.96156	19.52007	59.58580	0.85271	0.97878	5.92847	10.13623
56 CO	11.51814	16.46437	23.27219	61.03927	0.86387	0.99160	6.00610	12.57733
57 CO	12.96640	18.96718	27.02430	62.66589	0.87678	1.00641	6.09584	15.01843
58 CO	14.41466	21.46999	30.77642	64.47757	0.89150	1.02331	6.19818	17.45953
59 CO	15.86291	23.97281	34.52853	66.48772	0.90812	1.04239	6.31373	19.90064
60 CO	17.31117	26.47562	38.28065	68.71156	0.92673	1.06375	6.44314	22.34174
61 CO	18.75943	28.97844	42.03276	71.16615	0.94745	1.08754	6.58719	24.78284
62 CO	20.20768	31.48125	45.78487	73.87079	0.97040	1.11387	6.74672	27.22393
63 CO	21.65594	33.98406	49.53699	76.84708	0.99571	1.14293	6.92270	29.66504
64 CO	23.10419	36.48687	53.28910	80.11935	1.02354	1.17488	7.11622	32.10614
65 CO	24.55245	38.98969	57.04122	83.71494	1.05407	1.20992	7.32847	34.54724

Table A-30
Victoria 1996 NOX Emission Rates
for Time Period 2

	LDGV	LTGT1	LDGT2	HGV	LDDV	LDDT	HDDV	MC
3 NOX	2.18968	2.43564	3.05984	4.37465	2.71882	3.15002	22.45594	0.82343
4 NOX	2.00813	2.23582	2.82047	4.41992	2.60431	3.01735	21.51015	0.78760
5 NOX	1.89859	2.11537	2.67691	4.46519	2.49817	2.89437	20.63348	0.75786
6 NOX	1.82517	2.03489	2.58144	4.51046	2.39976	2.78035	19.82067	0.73376
7 NOX	1.77248	1.97747	2.51358	4.55573	2.30850	2.67462	19.06693	0.71483
8 NOX	1.73282	1.93462	2.46308	4.60100	2.22387	2.57657	18.36791	0.70065
9 NOX	1.70189	1.90161	2.42423	4.64626	2.14539	2.48563	17.71967	0.69079
10 NOX	1.67712	1.87558	2.39357	4.69153	2.07261	2.40132	17.11859	0.68486
11 NOX	1.65687	1.85469	2.36893	4.73680	2.00515	2.32316	16.56141	0.68247
12 NOX	1.64002	1.83771	2.34881	4.78207	1.94264	2.25074	16.04513	0.68324
13 NOX	1.62583	1.82378	2.33220	4.82734	1.88476	2.18367	15.56703	0.68684
14 NOX	1.61372	1.81227	2.31834	4.87261	1.83120	2.12161	15.12464	0.69291
15 NOX	1.60330	1.80270	2.30670	4.91788	1.78168	2.06425	14.71570	0.70115
16 NOX	1.59427	1.79472	2.29685	4.96315	1.73597	2.01129	14.33817	0.71125
17 NOX	1.58638	1.78804	2.28848	5.00842	1.69384	1.96248	13.99017	0.72291
18 NOX	1.57944	1.78245	2.28133	5.05369	1.65508	1.91757	13.67002	0.73588
19 NOX	1.57332	1.77776	2.27519	5.09896	1.61950	1.87635	13.37617	0.74989
20 NOX	1.57536	1.77632	2.27511	5.14423	1.58694	1.83862	13.10724	0.76472
21 NOX	1.58534	1.78926	2.29373	5.18950	1.55725	1.80422	12.86197	0.78013
22 NOX	1.59449	1.80125	2.31086	5.23476	1.53028	1.77297	12.63923	0.79592
23 NOX	1.60291	1.81240	2.32667	5.28003	1.50591	1.74474	12.43799	0.81191
24 NOX	1.61070	1.82279	2.34132	5.32530	1.48404	1.71940	12.25734	0.82792
25 NOX	1.61792	1.83250	2.35494	5.37057	1.46457	1.69684	12.09649	0.84380
26 NOX	1.62464	1.84159	2.36763	5.41584	1.44740	1.67695	11.95471	0.85940
27 NOX	1.63092	1.85011	2.37949	5.46111	1.43247	1.65965	11.83138	0.87461
28 NOX	1.63680	1.85811	2.39060	5.50638	1.41970	1.64486	11.72596	0.88932
29 NOX	1.64232	1.86562	2.40102	5.55165	1.40905	1.63252	11.63799	0.90343
30 NOX	1.64753	1.87268	2.41083	5.59692	1.40047	1.62258	11.56710	0.91688
31 NOX	1.65244	1.87932	2.42008	5.64219	1.39392	1.61499	11.51298	0.92961
32 NOX	1.65709	1.88557	2.42883	5.68746	1.38937	1.60972	11.47539	0.94158
33 NOX	1.66150	1.89146	2.43711	5.73273	1.38680	1.60674	11.45418	0.95275
34 NOX	1.66570	1.89701	2.44497	5.77799	1.38620	1.60605	11.44926	0.96313
35 NOX	1.66971	1.90226	2.45246	5.82326	1.38758	1.60764	11.46060	0.97273
36 NOX	1.67354	1.90722	2.45962	5.86853	1.39093	1.61152	11.48825	0.98156
37 NOX	1.67722	1.91193	2.46647	5.91380	1.39626	1.61770	11.53234	0.98967
38 NOX	1.68076	1.91641	2.47307	5.95907	1.40361	1.62622	11.59304	0.99711
39 NOX	1.68418	1.92068	2.47944	6.00434	1.41301	1.63710	11.67063	1.00397
40 NOX	1.68749	1.92478	2.48562	6.04961	1.42448	1.65040	11.76542	1.01032
41 NOX	1.69072	1.92873	2.49165	6.09488	1.43809	1.66617	11.87785	1.01629
42 NOX	1.69388	1.93256	2.49757	6.14015	1.45390	1.68448	12.00838	1.02199
43 NOX	1.69698	1.93630	2.50340	6.18542	1.47197	1.70541	12.15761	1.02755
44 NOX	1.70003	1.93999	2.50919	6.23069	1.49238	1.72906	12.32618	1.03315
45 NOX	1.70307	1.94365	2.51497	6.27596	1.51522	1.75552	12.51484	1.03894
46 NOX	1.70609	1.94733	2.52078	6.32122	1.54060	1.78493	12.72445	1.04512
47 NOX	1.70911	1.95105	2.52665	6.36649	1.56862	1.81740	12.95595	1.05189
48 NOX	1.71216	1.95485	2.53264	6.41176	1.59943	1.85310	13.21041	1.05948
49 NOX	1.77481	2.03314	2.63875	6.45703	1.63316	1.89218	13.48901	1.09398
50 NOX	1.83746	2.11144	2.74485	6.50230	1.66998	1.93483	13.79305	1.12848
51 NOX	1.90010	2.18973	2.85096	6.54757	1.71004	1.98125	14.12399	1.16298
52 NOX	1.96275	2.26802	2.95707	6.59284	1.75356	2.03167	14.48343	1.19748
53 NOX	2.02540	2.34632	3.06317	6.63811	1.80074	2.08633	14.87311	1.23198
54 NOX	2.08805	2.42461	3.16928	6.68338	1.85182	2.14551	15.29499	1.26648
55 NOX	2.15070	2.50290	3.27539	6.72865	1.90705	2.20950	15.75118	1.30098
56 NOX	2.21335	2.58120	3.38149	6.77392	1.96672	2.27864	16.24402	1.33548
57 NOX	2.27599	2.65949	3.48760	6.81919	2.03114	2.35327	16.77610	1.36998
58 NOX	2.33864	2.73778	3.59371	6.86445	2.10065	2.43381	17.35022	1.40448
59 NOX	2.40129	2.81607	3.69982	6.90972	2.17563	2.52068	17.96948	1.43898
60 NOX	2.46394	2.89437	3.80592	6.95499	2.25649	2.61435	18.63730	1.47348
61 NOX	2.52659	2.97266	3.91203	7.00026	2.34367	2.71537	19.35740	1.50798
62 NOX	2.58923	3.05095	4.01814	7.04553	2.43769	2.82429	20.13390	1.54248
63 NOX	2.65188	3.12925	4.12424	7.09080	2.53907	2.94176	20.97130	1.57698
64 NOX	2.71453	3.20754	4.23035	7.13607	2.64844	3.06846	21.87458	1.61148
65 NOX	2.77718	3.28583	4.33646	7.18134	2.76643	3.20518	22.84917	1.64597

Table A-31
Victoria 1996 VOC Emission Rates
for Time Period 3

	LDGV	LTGT1	LDGT2	HGTV	LDDV	LDDT	HDDV	MC
3 VOC	17.56200	18.73425	26.80989	41.52729	1.61153	2.30014	5.16015	11.29747
4 VOC	12.10345	12.99359	18.49515	30.97119	1.52999	2.18376	4.89907	9.75923
5 VOC	9.23371	9.95507	14.08898	25.37259	1.45386	2.07510	4.65530	8.61994
6 VOC	7.48951	8.09871	11.39422	21.82047	1.38273	1.97358	4.42755	7.76001
7 VOC	6.32688	6.85736	9.59126	19.30040	1.31624	1.87868	4.21465	7.09971
8 VOC	5.68943	6.13178	8.52710	17.77174	1.25405	1.78992	4.01552	6.58473
9 VOC	5.19903	5.57833	7.71760	16.49547	1.19586	1.70685	3.82916	6.17730
10 VOC	4.79272	5.13005	7.06563	15.37441	1.14136	1.62907	3.65467	5.85067
11 VOC	4.44763	4.75852	6.52881	14.38041	1.09031	1.55620	3.49120	5.58556
12 VOC	4.14846	4.44453	6.07850	13.49272	1.04246	1.48791	3.33798	5.36783
13 VOC	3.88460	4.17471	5.69464	12.69537	0.99758	1.42386	3.19429	5.18694
14 VOC	3.64843	3.93944	5.36281	11.97576	0.95548	1.36377	3.05948	5.03497
15 VOC	3.43438	3.73163	5.07238	11.32364	0.91596	1.30736	2.93294	4.90584
16 VOC	3.23825	3.54596	4.81535	10.73057	0.87885	1.25439	2.81411	4.79484
17 VOC	3.05683	3.37834	4.58561	10.18947	0.84399	1.20463	2.70247	4.69832
18 VOC	2.88765	3.22564	4.37840	9.69432	0.81122	1.15786	2.59754	4.61339
19 VOC	2.72873	3.08537	4.18998	9.24000	0.78041	1.11388	2.49889	4.53777
20 VOC	2.59394	2.96953	4.03630	8.83836	0.75143	1.07252	2.40610	4.46967
21 VOC	2.49870	2.86576	3.89221	8.49368	0.72416	1.03360	2.31879	4.40765
22 VOC	2.41121	2.77067	3.76061	8.17819	0.69850	0.99697	2.23662	4.35057
23 VOC	2.33046	2.68308	3.63980	7.88894	0.67434	0.96249	2.15926	4.29755
24 VOC	2.25561	2.60206	3.52839	7.62333	0.65159	0.93002	2.08641	4.24791
25 VOC	2.18594	2.52683	3.42524	7.37909	0.63016	0.89943	2.01780	4.20112
26 VOC	2.12087	2.45676	3.32939	7.15418	0.60997	0.87062	1.95316	4.15677
27 VOC	2.05990	2.39130	3.24005	6.94680	0.59095	0.84347	1.89225	4.11460
28 VOC	2.00259	2.33003	3.15656	6.75536	0.57303	0.81789	1.83486	4.07440
29 VOC	1.94859	2.27256	3.07837	6.57843	0.55614	0.79378	1.78077	4.03605
30 VOC	1.89757	2.21859	3.00499	6.41472	0.54022	0.77106	1.72980	3.99947
31 VOC	1.84926	2.16782	2.93602	6.26310	0.52522	0.74965	1.68177	3.96463
32 VOC	1.80343	2.12004	2.87111	6.12255	0.51109	0.72948	1.63651	3.93154
33 VOC	1.75987	2.07503	2.80997	5.99213	0.49777	0.71047	1.59387	3.90022
34 VOC	1.71838	2.03260	2.75232	5.87103	0.48523	0.69257	1.55371	3.87069
35 VOC	1.67880	1.99259	2.69792	5.75851	0.47342	0.67571	1.51589	3.84300
36 VOC	1.64099	1.95484	2.64657	5.65388	0.46230	0.65985	1.48030	3.81719
37 VOC	1.60482	1.91921	2.59808	5.55655	0.45184	0.64492	1.44682	3.79329
38 VOC	1.57016	1.88557	2.55225	5.46597	0.44201	0.63089	1.41533	3.77132
39 VOC	1.53690	1.85380	2.50894	5.38165	0.43277	0.61770	1.38576	3.75130
40 VOC	1.50495	1.82378	2.46799	5.30315	0.42410	0.60533	1.35799	3.73321
41 VOC	1.47421	1.79539	2.42924	5.23006	0.41597	0.59372	1.33195	3.71703
42 VOC	1.44460	1.76852	2.39256	5.16201	0.40836	0.58285	1.30756	3.70272
43 VOC	1.41604	1.74308	2.35780	5.09869	0.40123	0.57268	1.28475	3.69019
44 VOC	1.38846	1.71893	2.32484	5.03980	0.39458	0.56318	1.26345	3.67935
45 VOC	1.36178	1.69598	2.29353	4.98506	0.38838	0.55433	1.24359	3.67004
46 VOC	1.33594	1.67411	2.26374	4.93425	0.38261	0.54610	1.22513	3.66210
47 VOC	1.31086	1.65318	2.23531	4.88713	0.37726	0.53847	1.20800	3.65529
48 VOC	1.28693	1.63289	2.20768	4.84299	0.37231	0.53141	1.19216	3.64936
49 VOC	1.27921	1.62467	2.19572	4.79773	0.36775	0.52490	1.17756	3.64936
50 VOC	1.27195	1.61694	2.18446	4.75650	0.36357	0.51893	1.16417	3.64936
51 VOC	1.26510	1.60966	2.17384	4.71906	0.35975	0.51348	1.15194	3.64936
52 VOC	1.25863	1.60278	2.16383	4.68525	0.35629	0.50853	1.14084	3.64936
53 VOC	1.25252	1.59628	2.15438	4.65490	0.35317	0.50408	1.13085	3.64936
54 VOC	1.24675	1.59014	2.14544	4.62786	0.35038	0.50010	1.12193	3.64936
55 VOC	1.24128	1.58432	2.13698	4.60402	0.34792	0.49659	1.11405	3.64936
56 VOC	1.27464	1.64093	2.22404	4.58327	0.34578	0.49354	1.10721	3.72517
57 VOC	1.30827	1.69783	2.31151	4.56552	0.34396	0.49094	1.10138	3.80098
58 VOC	1.34215	1.75498	2.39937	4.55070	0.34245	0.48879	1.09655	3.87679
59 VOC	1.37626	1.81239	2.48759	4.53876	0.34125	0.48707	1.09269	3.95260
60 VOC	1.41059	1.87002	2.57614	4.52965	0.34035	0.48578	1.08981	4.02841
61 VOC	1.44512	1.92787	2.66501	4.52334	0.33975	0.48493	1.08790	4.10422
62 VOC	1.47984	1.98592	2.75418	4.51982	0.33945	0.48450	1.08694	4.18003
63 VOC	1.51474	2.04416	2.84362	4.51911	0.33945	0.48450	1.08694	4.25584
64 VOC	1.54980	2.10258	2.93332	4.52120	0.33975	0.48493	1.08790	4.33165
65 VOC	1.58502	2.16116	3.02326	4.52613	0.34035	0.48578	1.08981	4.40746

**Table A-32
Victoria 1996 CO Emission Rates
for Time Period 3**

	LDGV	LTGT1	LDGT2	HGTV	LDDV	LDDT	HDDV	MC
3 CO	106.64723	142.29700	214.70044	360.93829	5.32334	6.11041	37.01066	169.36147
4 CO	81.89822	109.18907	164.21959	329.77371	4.90606	5.63143	34.10950	135.06932
5 CO	66.88608	88.80945	132.74535	301.96365	4.52972	5.19946	31.49302	110.31872
6 CO	56.81869	75.04259	111.29613	277.10785	4.18987	4.80936	29.13022	92.05479
7 CO	49.61015	65.16132	95.81099	254.85809	3.88258	4.45663	26.99377	78.30249
8 CO	44.20300	57.75459	84.16075	234.91101	3.60438	4.13730	25.05958	67.75388
9 CO	40.00291	52.01641	75.11527	217.00204	3.35221	3.84785	23.30636	59.52335
10 CO	36.65004	47.45268	67.91316	200.89992	3.12336	3.58516	21.71528	52.99877
11 CO	33.91375	43.74373	62.05831	186.40222	2.91544	3.34650	20.26968	47.74881
12 CO	31.63949	40.67381	57.21420	173.33163	2.72631	3.12941	18.95478	43.46417
13 CO	29.71984	38.09222	53.14496	161.53262	2.55410	2.93173	17.75747	39.91936
14 CO	28.07788	35.89063	49.68078	150.86823	2.39713	2.75155	16.66609	36.94757
15 CO	26.65709	33.98927	46.69654	141.21826	2.25390	2.58714	15.67028	34.42372
16 CO	25.41510	32.32825	44.09830	132.47670	2.12309	2.43699	14.76082	32.25294
17 CO	24.31949	30.86184	41.81426	124.54993	2.00351	2.29973	13.92946	30.36254
18 CO	23.34512	29.55468	39.78886	117.35539	1.89411	2.17416	13.16887	28.69637
19 CO	22.47221	28.37913	37.97850	110.81996	1.79395	2.05919	12.47250	27.21087
20 CO	21.56940	27.40924	36.59968	104.87895	1.70218	1.95385	11.83447	25.87202
21 CO	20.64260	26.35428	35.23288	99.47505	1.61805	1.85728	11.24953	24.65329
22 CO	19.79799	25.38577	33.98672	94.55737	1.54087	1.76870	10.71298	23.53402
23 CO	19.02467	24.49190	32.84446	90.08080	1.47006	1.68741	10.22061	22.49811
24 CO	18.31368	23.66321	31.79251	86.00511	1.40505	1.61279	9.76863	21.53315
25 CO	17.65759	22.89216	30.81977	82.29470	1.34536	1.54427	9.35365	20.62967
26 CO	17.05017	22.17270	29.91712	78.91779	1.29055	1.48136	8.97260	19.78042
27 CO	16.48619	21.49993	29.07704	75.84615	1.24023	1.42361	8.62277	18.98004
28 CO	15.96125	20.86988	28.29327	73.05457	1.19405	1.37059	8.30167	18.22454
29 CO	15.47155	20.27930	27.56061	70.52074	1.15168	1.32196	8.00708	17.51104
30 CO	15.01386	19.72545	26.87467	68.22471	1.11283	1.27737	7.73702	16.83742
31 CO	14.58536	19.20602	26.23171	66.14880	1.07726	1.23654	7.48968	16.20221
32 CO	14.18361	18.71902	25.62856	64.27732	1.04472	1.19919	7.26346	15.60430
33 CO	13.80646	18.26265	25.06242	62.59633	1.01501	1.16508	7.05690	15.04284
34 CO	13.45199	17.83529	24.53087	61.09359	0.98794	1.13401	6.86871	14.51719
35 CO	13.11851	17.43546	24.03173	59.75823	0.96335	1.10578	6.69771	14.02666
36 CO	12.80448	17.06178	23.56303	58.58080	0.94108	1.08022	6.54287	13.57059
37 CO	12.50852	16.71291	23.12299	57.55303	0.92100	1.05717	6.40325	13.14826
38 CO	12.22938	16.38756	22.70993	56.66784	0.90298	1.03649	6.27803	12.75879
39 CO	11.96590	16.08451	22.32230	55.91916	0.88694	1.01808	6.16647	12.40120
40 CO	11.71702	15.80251	21.95857	55.30188	0.87276	1.00181	6.06792	12.07429
41 CO	11.48176	15.54033	21.61734	54.81188	0.86038	0.98759	5.98183	11.77662
42 CO	11.25917	15.29672	21.29715	54.44586	0.84972	0.97535	5.90770	11.50662
43 CO	11.04838	15.07035	20.99662	54.20140	0.84072	0.96502	5.84511	11.26235
44 CO	10.84853	14.85982	20.71430	54.07688	0.83333	0.95654	5.79373	11.04165
45 CO	10.65879	14.66359	20.44873	54.07148	0.82751	0.94985	5.75326	10.84196
46 CO	10.47831	14.47993	20.19835	54.18515	0.82322	0.94494	5.72348	10.66041
47 CO	10.30625	14.30690	19.96154	54.41865	0.82045	0.94176	5.70422	10.49365
48 CO	10.14173	14.14228	19.73653	54.77353	0.81918	0.94030	5.69538	10.33789
49 CO	10.14173	14.14228	19.73653	55.25214	0.81940	0.94055	5.69692	10.33789
50 CO	10.14173	14.14228	19.73653	55.85768	0.82112	0.94252	5.70884	10.33789
51 CO	10.14173	14.14228	19.73653	56.59422	0.82433	0.94621	5.73121	10.33789
52 CO	10.14173	14.14228	19.73653	57.46677	0.82907	0.95165	5.76414	10.33789
53 CO	10.14173	14.14228	19.73653	58.48129	0.83535	0.95886	5.80783	10.33789
54 CO	10.14173	14.14228	19.73653	59.64480	0.84322	0.96789	5.86250	10.33789
55 CO	10.14173	14.14228	19.73653	60.96543	0.85271	0.97878	5.92847	10.33789
56 CO	11.60559	16.68682	23.53804	62.45254	0.86387	0.99160	6.00610	12.82756
57 CO	13.06944	19.23136	27.33954	64.11683	0.87678	1.00641	6.09584	15.31723
58 CO	14.53330	21.77590	31.14106	65.97045	0.89150	1.02331	6.19818	17.80689
59 CO	15.99715	24.32044	34.94257	68.02715	0.90812	1.04239	6.31373	20.29656
60 CO	17.46101	26.86497	38.74408	70.30247	0.92673	1.06375	6.44314	22.78623
61 CO	18.92486	29.40951	42.54559	72.81389	0.94745	1.08754	6.58719	25.27589
62 CO	20.38872	31.95405	46.34709	75.58115	0.97040	1.11387	6.74672	27.76556
63 CO	21.85258	34.49859	50.14861	78.62636	0.99571	1.14293	6.92270	30.25523
64 CO	23.31643	37.04313	53.95012	81.97438	1.02354	1.17488	7.11622	32.74489
65 CO	24.78028	39.58766	57.75162	85.65323	1.05407	1.20992	7.32847	35.23456

Table A-33
Victoria 1996 NOX Emission Rates
for Time Period 3

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	2.19030	2.43502	3.05671	4.35702	2.71882	3.15002	22.45594	0.81670
4 NOX	2.00857	2.23511	2.81725	4.40211	2.60431	3.01735	21.51015	0.78116
5 NOX	1.89894	2.11463	2.67365	4.44719	2.49817	2.89437	20.63348	0.75167
6 NOX	1.82546	2.03413	2.57814	4.49228	2.39976	2.78035	19.82067	0.72776
7 NOX	1.77274	1.97669	2.51025	4.53737	2.30850	2.67462	19.06693	0.70899
8 NOX	1.73305	1.93383	2.45973	4.58245	2.22387	2.57657	18.36791	0.69492
9 NOX	1.70211	1.90080	2.42084	4.62754	2.14539	2.48563	17.71967	0.68514
10 NOX	1.67734	1.87476	2.39016	4.67263	2.07261	2.40132	17.11859	0.67926
11 NOX	1.65708	1.85386	2.36549	4.71771	2.00515	2.32316	16.56141	0.67689
12 NOX	1.64023	1.83687	2.34534	4.76280	1.94264	2.25074	16.04513	0.67766
13 NOX	1.62603	1.82293	2.32870	4.80789	1.88476	2.18367	15.56703	0.68122
14 NOX	1.61392	1.81139	2.31481	4.85297	1.83120	2.12161	15.12464	0.68725
15 NOX	1.60350	1.80181	2.30314	4.89806	1.78168	2.06425	14.71570	0.69542
16 NOX	1.59447	1.79381	2.29326	4.94315	1.73597	2.01129	14.33817	0.70543
17 NOX	1.58657	1.78711	2.28485	4.98823	1.69384	1.96248	13.99017	0.71700
18 NOX	1.57964	1.78150	2.27766	5.03332	1.65508	1.91757	13.67002	0.72986
19 NOX	1.57351	1.77679	2.27149	5.07841	1.61950	1.87635	13.37617	0.74376
20 NOX	1.57555	1.77532	2.27136	5.12350	1.58694	1.83862	13.10724	0.75846
21 NOX	1.58555	1.78823	2.28995	5.16858	1.55725	1.80422	12.86197	0.77375
22 NOX	1.59472	1.80020	2.30704	5.21367	1.53028	1.77297	12.63923	0.78941
23 NOX	1.60315	1.81133	2.32281	5.25875	1.50591	1.74474	12.43799	0.80527
24 NOX	1.61094	1.82170	2.33743	5.30384	1.48404	1.71940	12.25734	0.82115
25 NOX	1.61817	1.83138	2.35101	5.34893	1.46457	1.69684	12.09649	0.83690
26 NOX	1.62490	1.84045	2.36366	5.39401	1.44740	1.67695	11.95471	0.85237
27 NOX	1.63118	1.84895	2.37549	5.43910	1.43247	1.65965	11.83138	0.86746
28 NOX	1.63707	1.85692	2.38656	5.48419	1.41970	1.64486	11.72596	0.88205
29 NOX	1.64259	1.86441	2.39696	5.52928	1.40905	1.63252	11.63799	0.89605
30 NOX	1.64780	1.87145	2.40673	5.57436	1.40047	1.62258	11.56710	0.90939
31 NOX	1.65271	1.87807	2.41595	5.61945	1.39392	1.61499	11.51298	0.92201
32 NOX	1.65736	1.88430	2.42467	5.66454	1.38937	1.60972	11.47539	0.93388
33 NOX	1.66177	1.89017	2.43292	5.70962	1.38680	1.60674	11.45418	0.94496
34 NOX	1.66596	1.89571	2.44075	5.75471	1.38620	1.60605	11.44926	0.95526
35 NOX	1.66997	1.90093	2.44822	5.79980	1.38758	1.60764	11.46060	0.96477
36 NOX	1.67379	1.90588	2.45534	5.84488	1.39093	1.61152	11.48825	0.97353
37 NOX	1.67747	1.91057	2.46217	5.88997	1.39626	1.61770	11.53234	0.98157
38 NOX	1.68100	1.91503	2.46874	5.93506	1.40361	1.62622	11.59304	0.98896
39 NOX	1.68441	1.91929	2.47508	5.98014	1.41301	1.63710	11.67063	0.99576
40 NOX	1.68772	1.92337	2.48123	6.02523	1.42448	1.65040	11.76542	1.00206
41 NOX	1.69094	1.92731	2.48723	6.07032	1.43809	1.66617	11.87785	1.00798
42 NOX	1.69408	1.93112	2.49311	6.11540	1.45390	1.68448	12.00838	1.01363
43 NOX	1.69717	1.93484	2.49891	6.16049	1.47197	1.70541	12.15761	1.01915
44 NOX	1.70021	1.93851	2.50466	6.20558	1.49238	1.72906	12.32618	1.02470
45 NOX	1.70323	1.94215	2.51040	6.25066	1.51522	1.75552	12.51484	1.03044
46 NOX	1.70623	1.94580	2.51616	6.29575	1.54060	1.78493	12.72445	1.03657
47 NOX	1.70924	1.94950	2.52200	6.34084	1.56862	1.81740	12.95595	1.04329
48 NOX	1.71226	1.95328	2.52793	6.38592	1.59943	1.85310	13.21041	1.05082
49 NOX	1.77489	2.03150	2.63381	6.43101	1.63316	1.89218	13.48901	1.08504
50 NOX	1.83752	2.10972	2.73969	6.47610	1.66998	1.93483	13.79305	1.11926
51 NOX	1.90016	2.18795	2.84557	6.52118	1.71004	1.98125	14.12399	1.15347
52 NOX	1.96279	2.26617	2.95146	6.56627	1.75356	2.03167	14.48343	1.18769
53 NOX	2.02542	2.34439	3.05734	6.61136	1.80074	2.08633	14.87311	1.22191
54 NOX	2.08805	2.42261	3.16322	6.65645	1.85182	2.14551	15.29499	1.25613
55 NOX	2.15068	2.50084	3.26910	6.70153	1.90705	2.20950	15.75118	1.29034
56 NOX	2.21331	2.57906	3.37498	6.74662	1.96672	2.27864	16.24402	1.32456
57 NOX	2.27595	2.65728	3.48086	6.79171	2.03114	2.35327	16.77610	1.35878
58 NOX	2.33858	2.73550	3.58674	6.83679	2.10065	2.43381	17.35022	1.39300
59 NOX	2.40121	2.81373	3.69262	6.88188	2.17563	2.52068	17.96948	1.42721
60 NOX	2.46384	2.89195	3.79850	6.92696	2.25649	2.61435	18.63730	1.46143
61 NOX	2.52647	2.97017	3.90439	6.97205	2.34367	2.71537	19.35740	1.49565
62 NOX	2.58910	3.04839	4.01027	7.01714	2.43769	2.82429	20.13390	1.52986
63 NOX	2.65173	3.12662	4.11615	7.06223	2.53907	2.94176	20.97130	1.56408
64 NOX	2.71437	3.20484	4.22203	7.10731	2.64844	3.06846	21.87458	1.59830
65 NOX	2.77700	3.28306	4.32791	7.15240	2.76643	3.20518	22.84917	1.63252

**Table A-34
Victoria 1996 VOC Emission Rates
for Time Period 4**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 VOC	12.15613	14.80820	21.11837	28.20348	1.61153	2.30014	5.16015	10.23580
4 VOC	8.65531	10.68237	15.19471	22.25285	1.52999	2.18376	4.89907	8.68289
5 VOC	6.75806	8.40099	11.90163	18.87885	1.45386	2.07510	4.65530	7.53273
6 VOC	5.57795	6.96114	9.81494	16.59632	1.38273	1.97358	4.42755	6.66459
7 VOC	4.77692	5.97382	8.38072	14.88474	1.31624	1.87868	4.21465	5.99800
8 VOC	4.29130	5.35676	7.46761	13.71696	1.25405	1.78992	4.01552	5.47810
9 VOC	3.91809	4.87829	6.76288	12.71642	1.19586	1.70685	3.82916	5.06678
10 VOC	3.61451	4.48727	6.19236	11.82974	1.14136	1.62907	3.65467	4.73704
11 VOC	3.36164	4.16005	5.72003	11.03880	1.09031	1.55620	3.49120	4.46940
12 VOC	3.14680	3.88070	5.32147	10.32970	1.04246	1.48791	3.33798	4.24959
13 VOC	2.96120	3.63808	4.97957	9.69141	0.99758	1.42386	3.19429	4.06698
14 VOC	2.79853	3.42419	4.68202	9.11489	0.95548	1.36377	3.05948	3.91356
15 VOC	2.65418	3.23313	4.41971	8.59265	0.91596	1.30736	2.93294	3.78319
16 VOC	2.52466	3.06047	4.18579	8.11835	0.87885	1.25439	2.81411	3.67113
17 VOC	2.40733	2.90283	3.97505	7.68657	0.84399	1.20463	2.70247	3.57369
18 VOC	2.30012	2.75758	3.78340	7.29266	0.81122	1.15786	2.59754	3.48795
19 VOC	2.20140	2.62265	3.60765	6.93256	0.78041	1.11388	2.49889	3.41161
20 VOC	2.10907	2.51492	3.46769	6.60840	0.75143	1.07252	2.40610	3.34286
21 VOC	2.03056	2.42645	3.34362	6.31989	0.72416	1.03360	2.31879	3.28024
22 VOC	1.95870	2.34535	3.23021	6.05586	0.69850	0.99697	2.23662	3.22262
23 VOC	1.89261	2.27064	3.12602	5.81389	0.67434	0.96249	2.15926	3.16910
24 VOC	1.83156	2.20150	3.02984	5.59186	0.65159	0.93002	2.08641	3.11899
25 VOC	1.77495	2.13730	2.94071	5.38788	0.63016	0.89943	2.01780	3.07174
26 VOC	1.72227	2.07747	2.85780	5.20026	0.60997	0.87062	1.95316	3.02698
27 VOC	1.67309	2.02156	2.78045	5.02751	0.59095	0.84347	1.89225	2.98441
28 VOC	1.62706	1.96921	2.70810	4.86828	0.57303	0.81789	1.83486	2.94382
29 VOC	1.58385	1.92009	2.64027	4.72139	0.55614	0.79378	1.78077	2.90510
30 VOC	1.54319	1.87394	2.57657	4.58574	0.54022	0.77106	1.72980	2.86817
31 VOC	1.50486	1.83051	2.51666	4.46039	0.52522	0.74965	1.68177	2.83300
32 VOC	1.46864	1.78962	2.46025	4.34446	0.51109	0.72948	1.63651	2.79960
33 VOC	1.43436	1.75107	2.40709	4.23719	0.49777	0.71047	1.59387	2.76797
34 VOC	1.40186	1.71471	2.35696	4.13785	0.48523	0.69257	1.55371	2.73817
35 VOC	1.37100	1.68041	2.30966	4.04583	0.47342	0.67571	1.51589	2.71022
36 VOC	1.34165	1.64802	2.26502	3.96056	0.46230	0.65985	1.48030	2.68416
37 VOC	1.31370	1.61744	2.22287	3.88152	0.45184	0.64492	1.44682	2.66003
38 VOC	1.28704	1.58854	2.18306	3.80824	0.44201	0.63089	1.41533	2.63785
39 VOC	1.26159	1.56122	2.14546	3.74031	0.43277	0.61770	1.38576	2.61763
40 VOC	1.23726	1.53539	2.10994	3.67736	0.42410	0.60533	1.35799	2.59937
41 VOC	1.21396	1.51095	2.07636	3.61903	0.41597	0.59372	1.33195	2.58304
42 VOC	1.19163	1.48780	2.04461	3.56501	0.40836	0.58285	1.30756	2.56859
43 VOC	1.17021	1.46585	2.01455	3.51504	0.40123	0.57268	1.28475	2.55595
44 VOC	1.14961	1.44501	1.98608	3.46886	0.39458	0.56318	1.26345	2.54500
45 VOC	1.12979	1.42519	1.95907	3.42624	0.38838	0.55433	1.24359	2.53561
46 VOC	1.11069	1.40627	1.93338	3.38698	0.38261	0.54610	1.22513	2.52759
47 VOC	1.09225	1.38817	1.90889	3.35089	0.37726	0.53847	1.20800	2.52072
48 VOC	1.07461	1.37077	1.88533	3.31752	0.37231	0.53141	1.19216	2.51472
49 VOC	1.07050	1.36641	1.87907	3.28461	0.36775	0.52490	1.17756	2.51472
50 VOC	1.06663	1.36230	1.87318	3.25487	0.36357	0.51893	1.16417	2.51472
51 VOC	1.06298	1.35843	1.86762	3.22814	0.35975	0.51348	1.15194	2.51472
52 VOC	1.05953	1.35477	1.86237	3.20430	0.35629	0.50853	1.14084	2.51472
53 VOC	1.05627	1.35131	1.85742	3.18321	0.35317	0.50408	1.13085	2.51472
54 VOC	1.05319	1.34804	1.85273	3.16479	0.35038	0.50010	1.12193	2.51472
55 VOC	1.05026	1.34494	1.84829	3.14895	0.34792	0.49659	1.11405	2.51472
56 VOC	1.04733	1.34199	1.84399	3.13361	0.34578	0.49354	1.10721	2.51472
57 VOC	1.04440	1.33904	1.83974	3.11827	0.34364	0.49049	1.10037	2.51472
58 VOC	1.04147	1.33609	1.83549	3.10293	0.34150	0.48744	1.09353	2.51472
59 VOC	1.03854	1.33314	1.83124	3.08759	0.33936	0.48439	1.08669	2.51472
60 VOC	1.03561	1.33019	1.82699	3.07225	0.33722	0.48134	1.07985	2.51472
61 VOC	1.03268	1.32724	1.82274	3.05691	0.33508	0.47829	1.07301	2.51472
62 VOC	1.02975	1.32429	1.81849	3.04157	0.33294	0.47524	1.06617	2.51472
63 VOC	1.02682	1.32134	1.81424	3.02623	0.33080	0.47219	1.05933	2.51472
64 VOC	1.02389	1.31839	1.80999	3.01089	0.32866	0.46914	1.05249	2.51472
65 VOC	1.02096	1.31544	1.80574	2.99555	0.32652	0.46609	1.04565	2.51472

Table A-35
Victoria 1996 CO Emission Rates
for Time Period 4

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 CO	97.92081	125.29596	191.59970	284.52008	5.32334	6.11041	37.01066	140.47540
4 CO	75.26239	96.17513	146.68680	259.95374	4.90606	5.63143	34.10950	112.03207
5 CO	61.54291	78.32072	118.70562	238.03166	4.52972	5.19946	31.49302	91.50290
6 CO	52.35091	66.28282	99.64264	218.43832	4.18987	4.80936	29.13022	76.35404
7 CO	45.77144	57.64765	85.88056	200.89929	3.88258	4.45663	26.99377	64.94732
8 CO	40.83595	51.17336	75.52536	185.17545	3.60438	4.13730	25.05958	56.19786
9 CO	37.00119	46.15377	67.48364	171.05818	3.35221	3.84785	23.30636	49.37113
10 CO	33.93869	42.15736	61.07916	158.36519	3.12336	3.58516	21.71528	43.95937
11 CO	31.43821	38.90567	55.87143	146.93698	2.91544	3.34650	20.26968	39.60484
12 CO	29.35896	36.21111	51.56168	136.63373	2.72631	3.12941	18.95478	36.05098
13 CO	27.60316	33.94283	47.94060	127.33275	2.55410	2.93173	17.75747	33.11077
14 CO	26.10081	32.00684	44.85741	118.92627	2.39713	2.75155	16.66609	30.64584
15 CO	24.80052	30.33402	42.20110	111.31941	2.25390	2.58714	15.67028	28.55246
16 CO	23.66372	28.87244	39.88822	104.42862	2.12309	2.43699	14.76082	26.75192
17 CO	22.66095	27.58247	37.85508	98.18013	2.00351	2.29973	13.92946	25.18394
18 CO	21.76931	26.43341	36.05227	92.50880	1.89411	2.17416	13.16887	23.80196
19 CO	20.97079	25.40124	34.44107	87.35706	1.79395	2.05919	12.47250	22.56982
20 CO	20.13562	24.53289	33.19262	82.67389	1.70218	1.95385	11.83447	21.45932
21 CO	19.27112	23.57673	31.94738	78.41411	1.61805	1.85728	11.24953	20.44845
22 CO	18.48376	22.70089	30.81243	74.53761	1.54087	1.76870	10.71298	19.52009
23 CO	17.76334	21.89453	29.77253	71.00879	1.47006	1.68741	10.22061	18.66086
24 CO	17.10146	21.14885	28.81526	67.79604	1.40505	1.61279	9.76863	17.86049
25 CO	16.49112	20.45676	27.93045	64.87120	1.34536	1.54427	9.35365	17.11110
26 CO	15.92644	19.81248	27.10974	62.20925	1.29055	1.48136	8.97260	16.40670
27 CO	15.40249	19.21128	26.34621	59.78793	1.24023	1.42361	8.62277	15.74283
28 CO	14.91506	18.64927	25.63410	57.58740	1.19405	1.37059	8.30167	15.11619
29 CO	14.46055	18.12320	24.96859	55.59003	1.15168	1.32196	8.00708	14.52438
30 CO	14.03588	17.63033	24.34563	53.78011	1.11283	1.27737	7.73702	13.96566
31 CO	13.63838	17.16833	23.76175	52.14372	1.07726	1.23654	7.48968	13.43878
32 CO	13.26568	16.73516	23.21400	50.66847	1.04472	1.19919	7.26346	12.94285
33 CO	12.91575	16.32903	22.69980	49.34338	1.01501	1.16508	7.05690	12.47716
34 CO	12.58675	15.94830	22.21689	48.15880	0.98794	1.13401	6.86871	12.04116
35 CO	12.27708	15.59151	21.76324	47.10616	0.96335	1.10578	6.69771	11.63429
36 CO	11.98528	15.25732	21.33706	46.17801	0.94108	1.08022	6.54287	11.25600
37 CO	11.71004	14.94444	20.93668	45.36786	0.92100	1.05717	6.40325	10.90571
38 CO	11.45017	14.65167	20.56058	44.67007	0.90298	1.03649	6.27803	10.58267
39 CO	11.20461	14.37787	20.20732	44.07990	0.88694	1.01808	6.16647	10.28607
40 CO	10.97235	14.12193	19.87553	43.59332	0.87276	1.00181	6.06792	10.01491
41 CO	10.75248	13.88278	19.56394	43.20706	0.86038	0.98759	5.98183	9.76801
42 CO	10.54415	13.65930	19.27123	42.91854	0.84972	0.97535	5.90770	9.54406
43 CO	10.34655	13.45041	18.99617	42.72583	0.84072	0.96502	5.84511	9.34146
44 CO	10.15892	13.25495	18.73746	42.62768	0.83333	0.95654	5.79373	9.15840
45 CO	9.98052	13.07169	18.49382	42.62342	0.82751	0.94985	5.75326	8.99277
46 CO	9.81061	12.89927	18.26389	42.71302	0.82322	0.94494	5.72348	8.84219
47 CO	9.64848	12.73620	18.04624	42.89708	0.82045	0.94176	5.70422	8.70386
48 CO	9.49339	12.58082	17.83935	43.17683	0.81918	0.94030	5.69538	8.57468
49 CO	9.49339	12.58082	17.83935	43.55410	0.81940	0.94055	5.69692	8.57468
50 CO	9.49339	12.58082	17.83935	44.03144	0.82112	0.94252	5.70884	8.57468
51 CO	9.49339	12.58082	17.83935	44.61204	0.82433	0.94621	5.73121	8.57468
52 CO	9.49339	12.58082	17.83935	45.29986	0.82907	0.95165	5.76414	8.57468
53 CO	9.49339	12.58082	17.83935	46.09958	0.83535	0.95886	5.80783	8.57468
54 CO	9.49339	12.58082	17.83935	47.01675	0.84322	0.96789	5.86250	8.57468
55 CO	9.49339	12.58082	17.83935	48.05778	0.85271	0.97878	5.92847	8.57468
56 CO	10.82094	14.76945	21.21267	49.23004	0.86387	0.99160	6.00610	10.63971
57 CO	12.14849	16.95808	24.58599	50.54196	0.87678	1.00641	6.09584	12.70474
58 CO	13.47604	19.14670	27.95932	52.00313	0.89150	1.02331	6.19818	14.76977
59 CO	14.80359	21.33533	31.33265	53.62438	0.90812	1.04239	6.31373	16.83480
60 CO	16.13115	23.52395	34.70597	55.41796	0.92673	1.06375	6.44314	18.89984
61 CO	17.45869	25.71258	38.07930	57.39768	0.94745	1.08754	6.58719	20.96487
62 CO	18.78625	27.90121	41.45263	59.57905	0.97040	1.11387	6.74672	23.02990
63 CO	20.11380	30.08983	44.82595	61.97952	0.99571	1.14293	6.92270	25.09493
64 CO	21.44135	32.27846	48.19928	64.61870	1.02354	1.17488	7.11622	27.15997
65 CO	22.76891	34.46709	51.57261	67.51865	1.05407	1.20992	7.32847	29.22500

Table A-36
Victoria 1996 NOX Emission Rates
for Time Period 4

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	2.18649	2.44509	3.09596	4.55867	2.71882	3.15002	22.45594	0.89063
4 NOX	2.00658	2.24586	2.85717	4.60584	2.60431	3.01735	21.51015	0.85187
5 NOX	1.89789	2.12567	2.71396	4.65302	2.49817	2.89437	20.63348	0.81971
6 NOX	1.82494	2.04532	2.61874	4.70019	2.39976	2.78035	19.82067	0.79364
7 NOX	1.77252	1.98798	2.55109	4.74736	2.30850	2.67462	19.06693	0.77317
8 NOX	1.73301	1.94519	2.50080	4.79454	2.22387	2.57657	18.36791	0.75783
9 NOX	1.70216	1.91224	2.46217	4.84171	2.14539	2.48563	17.71967	0.74717
10 NOX	1.67744	1.88628	2.43175	4.88888	2.07261	2.40132	17.11859	0.74075
11 NOX	1.65720	1.86548	2.40736	4.93606	2.00515	2.32316	16.56141	0.73817
12 NOX	1.64036	1.84861	2.38751	4.98323	1.94264	2.25074	16.04513	0.73901
13 NOX	1.62616	1.83481	2.37118	5.03041	1.88476	2.18367	15.56703	0.74289
14 NOX	1.61405	1.82344	2.35763	5.07758	1.83120	2.12161	15.12464	0.74946
15 NOX	1.60363	1.81402	2.34630	5.12475	1.78168	2.06425	14.71570	0.75837
16 NOX	1.59460	1.80622	2.33678	5.17193	1.73597	2.01129	14.33817	0.76929
17 NOX	1.58671	1.79972	2.32874	5.21910	1.69384	1.96248	13.99017	0.78191
18 NOX	1.57979	1.79433	2.32193	5.26627	1.65508	1.91757	13.67002	0.79594
19 NOX	1.57368	1.78984	2.31614	5.31345	1.61950	1.87635	13.37617	0.81109
20 NOX	1.57564	1.78872	2.31653	5.36062	1.58694	1.83862	13.10724	0.82713
21 NOX	1.58548	1.80190	2.33557	5.40779	1.55725	1.80422	12.86197	0.84380
22 NOX	1.59451	1.81415	2.35311	5.45497	1.53028	1.77297	12.63923	0.86088
23 NOX	1.60282	1.82554	2.36933	5.50214	1.50591	1.74474	12.43799	0.87817
24 NOX	1.61051	1.83618	2.38437	5.54931	1.48404	1.71940	12.25734	0.89549
25 NOX	1.61766	1.84614	2.39837	5.59649	1.46457	1.69684	12.09649	0.91266
26 NOX	1.62433	1.85546	2.41144	5.64366	1.44740	1.67695	11.95471	0.92954
27 NOX	1.63056	1.86421	2.42366	5.69083	1.43247	1.65965	11.83138	0.94599
28 NOX	1.63641	1.87244	2.43512	5.73801	1.41970	1.64486	11.72596	0.96190
29 NOX	1.64192	1.88016	2.44589	5.78518	1.40905	1.63252	11.63799	0.97717
30 NOX	1.64711	1.88744	2.45604	5.83235	1.40047	1.62258	11.56710	0.99171
31 NOX	1.65203	1.89428	2.46562	5.87953	1.39392	1.61499	11.51298	1.00548
32 NOX	1.65669	1.90073	2.47468	5.92670	1.38937	1.60972	11.47539	1.01842
33 NOX	1.66113	1.90682	2.48328	5.97387	1.38680	1.60674	11.45418	1.03051
34 NOX	1.66536	1.91256	2.49145	6.02105	1.38620	1.60605	11.44926	1.04174
35 NOX	1.66941	1.91799	2.49925	6.06822	1.38758	1.60764	11.46060	1.05211
36 NOX	1.67330	1.92314	2.50671	6.11540	1.39093	1.61152	11.48825	1.06166
37 NOX	1.67705	1.92802	2.51387	6.16257	1.39626	1.61770	11.53234	1.07043
38 NOX	1.68067	1.93267	2.52077	6.20974	1.40361	1.62622	11.59304	1.07849
39 NOX	1.68417	1.93712	2.52746	6.25691	1.41301	1.63710	11.67063	1.08590
40 NOX	1.68759	1.94140	2.53396	6.30409	1.42448	1.65040	11.76542	1.09278
41 NOX	1.69093	1.94552	2.54033	6.35126	1.43809	1.66617	11.87785	1.09923
42 NOX	1.69422	1.94954	2.54659	6.39843	1.45390	1.68448	12.00838	1.10539
43 NOX	1.69746	1.95347	2.55279	6.44561	1.47197	1.70541	12.15761	1.11141
44 NOX	1.70067	1.95736	2.55896	6.49278	1.49238	1.72906	12.32618	1.11746
45 NOX	1.70387	1.96123	2.56516	6.53996	1.51522	1.75552	12.51484	1.12373
46 NOX	1.70708	1.96513	2.57141	6.58713	1.54060	1.78493	12.72445	1.13041
47 NOX	1.71032	1.96910	2.57776	6.63430	1.56862	1.81740	12.95595	1.13774
48 NOX	1.71360	1.97317	2.58427	6.68148	1.59943	1.85310	13.21041	1.14595
49 NOX	1.77651	2.05229	2.69284	6.72865	1.63316	1.89218	13.48901	1.18327
50 NOX	1.83943	2.13140	2.80140	6.77582	1.66998	1.93483	13.79305	1.22058
51 NOX	1.90234	2.21052	2.90997	6.82300	1.71004	1.98125	14.12399	1.25790
52 NOX	1.96526	2.28963	3.01854	6.87017	1.75356	2.03167	14.48343	1.29521
53 NOX	2.02818	2.36874	3.12711	6.91734	1.80074	2.08633	14.87311	1.33253
54 NOX	2.09109	2.44786	3.23567	6.96452	1.85182	2.14551	15.29499	1.36984
55 NOX	2.15401	2.52697	3.34424	7.01169	1.90705	2.20950	15.75118	1.40716
56 NOX	2.21692	2.60609	3.45281	7.05886	1.96672	2.27864	16.24402	1.44447
57 NOX	2.27984	2.68520	3.56138	7.10604	2.03114	2.35327	16.77610	1.48179
58 NOX	2.34275	2.76431	3.66994	7.15321	2.10065	2.43381	17.35022	1.51910
59 NOX	2.40567	2.84343	3.77851	7.20038	2.17563	2.52068	17.96948	1.55642
60 NOX	2.46859	2.92254	3.88708	7.24756	2.25649	2.61435	18.63730	1.59373
61 NOX	2.53150	3.00166	3.99565	7.29473	2.34367	2.71537	19.35740	1.63105
62 NOX	2.59442	3.08077	4.10421	7.34190	2.43769	2.82429	20.13390	1.66836
63 NOX	2.65733	3.15988	4.21278	7.38908	2.53907	2.94176	20.97130	1.70568
64 NOX	2.72025	3.23900	4.32135	7.43625	2.64844	3.06846	21.87458	1.74299
65 NOX	2.78316	3.31811	4.42992	7.48342	2.76643	3.20518	22.84917	1.78031

Table A-37
Victoria 2006 VOC Emission Rates
for Time Period 1

	LDGV	LTGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
3 VOC	9.07302	10.82147	15.16843	15.64510	1.06484	1.47562	4.45924	10.11850
4 VOC	6.38470	7.66072	10.73318	11.98955	1.01096	1.40096	4.23362	8.58296
5 VOC	4.96929	5.97816	8.37050	9.98816	0.96066	1.33125	4.02296	7.44567
6 VOC	4.10800	4.94557	6.91975	8.67690	0.91366	1.26612	3.82614	6.58725
7 VOC	3.53311	4.25166	5.94442	7.71939	0.86973	1.20524	3.64216	5.92811
8 VOC	3.19252	3.82991	5.34751	7.09923	0.82864	1.14829	3.47008	5.41403
9 VOC	2.93333	3.50690	4.89083	6.57419	0.79018	1.09500	3.30904	5.00731
10 VOC	2.72421	3.24538	4.52202	6.11109	0.75417	1.04510	3.15825	4.68126
11 VOC	2.55149	3.02859	4.21712	5.69946	0.72044	0.99836	3.01698	4.41661
12 VOC	2.40608	2.84535	3.96013	5.33139	0.68882	0.95454	2.88458	4.19926
13 VOC	2.28167	2.68790	3.74002	5.00073	0.65917	0.91345	2.76041	4.01869
14 VOC	2.17377	2.55074	3.54887	4.70250	0.63135	0.87490	2.64391	3.86699
15 VOC	2.07908	2.42979	3.38089	4.43261	0.60524	0.83872	2.53455	3.73808
16 VOC	1.99510	2.32202	3.23175	4.18766	0.58072	0.80473	2.43186	3.62727
17 VOC	1.91997	2.22510	3.09810	3.96475	0.55768	0.77281	2.33539	3.53092
18 VOC	1.85219	2.13722	2.97738	3.76142	0.53602	0.74280	2.24471	3.44614
19 VOC	1.79062	2.05696	2.86754	3.57552	0.51567	0.71459	2.15946	3.37066
20 VOC	1.71836	1.97360	2.75276	3.40857	0.49652	0.68806	2.07927	3.30268
21 VOC	1.64704	1.89776	2.64548	3.26063	0.47850	0.66309	2.00382	3.24076
22 VOC	1.58208	1.82875	2.54786	3.12524	0.46155	0.63959	1.93282	3.18378
23 VOC	1.52264	1.76565	2.45864	3.00116	0.44558	0.61747	1.86596	3.13086
24 VOC	1.46802	1.70775	2.37678	2.88729	0.43055	0.59664	1.80301	3.08131
25 VOC	1.41766	1.65440	2.30139	2.78264	0.41639	0.57702	1.74371	3.03459
26 VOC	1.37106	1.60509	2.23173	2.68635	0.40305	0.55853	1.68785	2.99033
27 VOC	1.32780	1.55937	2.16715	2.59766	0.39048	0.54111	1.63522	2.94823
28 VOC	1.28753	1.51685	2.10712	2.51587	0.37864	0.52470	1.58562	2.90810
29 VOC	1.24993	1.47721	2.05116	2.44037	0.36748	0.50924	1.53888	2.86981
30 VOC	1.21475	1.44015	1.99886	2.37061	0.35696	0.49466	1.49484	2.83330
31 VOC	1.18173	1.40542	1.94988	2.30609	0.34705	0.48093	1.45333	2.79852
32 VOC	1.15069	1.37281	1.90390	2.24637	0.33771	0.46798	1.41422	2.76549
33 VOC	1.12144	1.34213	1.86064	2.19106	0.32891	0.45579	1.37737	2.73422
34 VOC	1.09382	1.31320	1.81987	2.13980	0.32062	0.44431	1.34267	2.70475
35 VOC	1.06770	1.28587	1.78138	2.09226	0.31282	0.43349	1.30999	2.67711
36 VOC	1.04295	1.26001	1.74497	2.04816	0.30547	0.42331	1.27923	2.65134
37 VOC	1.01945	1.23550	1.71047	2.00723	0.29856	0.41374	1.25029	2.62748
38 VOC	0.99712	1.21223	1.67774	1.96923	0.29207	0.40473	1.22309	2.60555
39 VOC	0.97585	1.19012	1.64664	1.93396	0.28596	0.39628	1.19753	2.58556
40 VOC	0.95558	1.16906	1.61704	1.90121	0.28023	0.38834	1.17353	2.56751
41 VOC	0.93622	1.14900	1.58884	1.87082	0.27486	0.38089	1.15103	2.55136
42 VOC	0.91771	1.12984	1.56194	1.84263	0.26983	0.37392	1.12995	2.53707
43 VOC	0.90000	1.11154	1.53624	1.81649	0.26512	0.36739	1.11024	2.52457
44 VOC	0.88302	1.09402	1.51167	1.79228	0.26072	0.36130	1.09183	2.51374
45 VOC	0.86673	1.07725	1.48815	1.76988	0.25663	0.35562	1.07467	2.50445
46 VOC	0.85109	1.06117	1.46560	1.74919	0.25282	0.35034	1.05872	2.49652
47 VOC	0.83605	1.04573	1.44398	1.73011	0.24928	0.34544	1.04391	2.48973
48 VOC	0.82153	1.03079	1.42302	1.71235	0.24601	0.34091	1.03023	2.48380
49 VOC	0.81791	1.02688	1.41760	1.69435	0.24300	0.33674	1.01761	2.48380
50 VOC	0.81450	1.02320	1.41249	1.67802	0.24024	0.33291	1.00604	2.48380
51 VOC	0.81129	1.01973	1.40768	1.66327	0.23771	0.32941	0.99547	2.48380
52 VOC	0.80826	1.01646	1.40314	1.65004	0.23542	0.32624	0.98588	2.48380
53 VOC	0.80540	1.01337	1.39886	1.63825	0.23336	0.32338	0.97724	2.48380
54 VOC	0.80269	1.01044	1.39481	1.62786	0.23152	0.32083	0.96953	2.48380
55 VOC	0.80013	1.00768	1.39097	1.61881	0.22989	0.31858	0.96273	2.48380
56 VOC	0.81967	1.02947	1.42362	1.61107	0.22848	0.31662	0.95682	2.55948
57 VOC	0.83934	1.05140	1.45646	1.60460	0.22728	0.31496	0.95178	2.63516
58 VOC	0.85912	1.07346	1.48947	1.59937	0.22628	0.31357	0.94760	2.71083
59 VOC	0.87901	1.09563	1.52265	1.59537	0.22549	0.31247	0.94427	2.78651
60 VOC	0.89901	1.11792	1.55597	1.59258	0.22489	0.31165	0.94178	2.86219
61 VOC	0.91910	1.14030	1.58944	1.59099	0.22450	0.31110	0.94013	2.93787
62 VOC	0.93927	1.16278	1.62305	1.59060	0.22430	0.31083	0.93930	3.01354
63 VOC	0.95953	1.18536	1.65678	1.59142	0.22430	0.31083	0.93930	3.08922
64 VOC	0.97987	1.20801	1.69063	1.59346	0.22450	0.31110	0.94013	3.16490
65 VOC	1.00029	1.23075	1.72458	1.59673	0.22489	0.31165	0.94178	3.24058

**Table A-38
Victoria 2006 Emission Rates
for Time Period 1**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 CO	72.80273	79.68077	111.21916	101.66225	4.34370	4.84688	34.39747	140.07657
4 CO	57.03288	62.65156	87.28563	92.88443	4.00321	4.46694	31.70115	111.71400
5 CO	47.57098	52.43404	72.92549	85.05142	3.69613	4.12429	29.26941	91.24311
6 CO	41.26304	45.62235	63.35207	78.05051	3.41882	3.81486	27.07343	76.13726
7 CO	36.75737	40.75686	56.51392	71.78361	3.16808	3.53507	25.08784	64.76292
8 CO	33.37811	37.10775	51.38530	66.16530	2.94108	3.28178	23.29021	56.03831
9 CO	30.74981	34.26954	47.39637	61.12103	2.73531	3.05218	21.66078	49.23096
10 CO	28.64716	31.99898	44.20523	56.58569	2.54858	2.84381	20.18204	43.83456
11 CO	26.92681	30.14125	41.59430	52.50225	2.37892	2.65450	18.83850	39.49239
12 CO	25.49319	28.59314	39.41853	48.82079	2.22460	2.48230	17.61645	35.94862
13 CO	24.28012	27.28321	37.57748	45.49744	2.08408	2.32550	16.50367	33.01677
14 CO	23.24036	26.16040	35.99944	42.49371	1.95599	2.18257	15.48936	30.55884
15 CO	22.33922	25.18730	34.63182	39.77570	1.83912	2.05216	14.56386	28.47139
16 CO	21.55073	24.33584	33.43513	37.31353	1.73238	1.93306	13.71861	26.67597
17 CO	20.85500	23.58455	32.37925	35.08087	1.63481	1.82419	12.94595	25.11244
18 CO	20.23657	22.91674	31.44068	33.05445	1.54554	1.72458	12.23907	23.73438
19 CO	19.68324	22.31922	30.60090	31.21367	1.46382	1.63338	11.59186	22.50574
20 CO	18.86504	21.49458	29.47879	29.54032	1.38893	1.54983	10.99888	21.39839
21 CO	17.82032	20.39800	27.99575	28.01825	1.32028	1.47323	10.45524	20.39040
22 CO	16.87056	19.40110	26.64753	26.63313	1.25731	1.40296	9.95657	19.46467
23 CO	16.00340	18.49090	25.41654	25.37225	1.19953	1.33848	9.49897	18.60788
24 CO	15.20849	17.65654	24.28814	24.22430	1.14648	1.27929	9.07890	17.80978
25 CO	14.47718	16.88893	23.25000	23.17922	1.09778	1.22494	8.69322	17.06252
26 CO	13.80213	16.18037	22.29173	22.22807	1.05306	1.17504	8.33908	16.36012
27 CO	13.17708	15.52430	21.40444	21.36291	1.01200	1.12923	8.01394	15.69813
28 CO	12.59662	14.91508	20.58052	20.57663	0.97431	1.08718	7.71551	15.07327
29 CO	12.05630	14.34789	19.81343	19.86295	0.93974	1.04860	7.44173	14.48314
30 CO	11.55194	13.81850	19.09748	19.21625	0.90804	1.01323	7.19073	13.92601
31 CO	11.08013	13.32327	18.42772	18.63154	0.87901	0.98084	6.96086	13.40062
32 CO	10.63781	12.85899	17.79981	18.10442	0.85246	0.95121	6.75061	12.90610
33 CO	10.22229	12.42285	17.20996	17.63095	0.82822	0.92416	6.55864	12.44173
34 CO	9.83121	12.01236	16.65482	17.20768	0.80614	0.89952	6.38373	12.00697
35 CO	9.46249	11.62533	16.13139	16.83157	0.78607	0.87713	6.22481	11.60126
36 CO	9.11424	11.25981	15.63704	16.49993	0.76789	0.85685	6.08090	11.22405
37 CO	8.78483	10.91404	15.16941	16.21045	0.75151	0.83856	5.95114	10.87475
38 CO	8.47274	10.58646	14.72640	15.96113	0.73681	0.82216	5.83476	10.55262
39 CO	8.17667	10.27569	14.30610	15.75025	0.72372	0.80755	5.73108	10.25686
40 CO	7.89540	9.98046	13.90682	15.57639	0.71215	0.79465	5.63949	9.98648
41 CO	7.62784	9.69963	13.52701	15.43837	0.70205	0.78337	5.55947	9.74028
42 CO	7.37303	9.43217	13.16529	15.33528	0.69335	0.77367	5.49058	9.51697
43 CO	7.13007	9.17715	12.82040	15.26643	0.68600	0.76547	5.43241	9.31494
44 CO	6.89815	8.93372	12.49118	15.23135	0.67997	0.75874	5.38465	9.13240
45 CO	6.67655	8.70111	12.17660	15.22983	0.67522	0.75344	5.34704	8.96724
46 CO	6.46457	8.47861	11.87569	15.26185	0.67173	0.74954	5.31936	8.81709
47 CO	6.26162	8.26559	11.58759	15.32761	0.66947	0.74702	5.30146	8.67915
48 CO	6.06712	8.06144	11.31149	15.42757	0.66843	0.74586	5.29325	8.55033
49 CO	6.06712	8.06144	11.31149	15.56237	0.66861	0.74606	5.29468	8.55033
50 CO	6.06712	8.06144	11.31149	15.73293	0.67001	0.74762	5.30576	8.55033
51 CO	6.06712	8.06144	11.31149	15.94039	0.67263	0.75055	5.32655	8.55033
52 CO	6.06712	8.06144	11.31149	16.18615	0.67650	0.75487	5.35715	8.55033
53 CO	6.06712	8.06144	11.31149	16.47190	0.68163	0.76059	5.39775	8.55033
54 CO	6.06712	8.06144	11.31149	16.79962	0.68804	0.76775	5.44857	8.55033
55 CO	6.06712	8.06144	11.31149	17.17159	0.69579	0.77639	5.50988	8.55033
56 CO	6.65332	8.81953	12.42911	17.59045	0.70490	0.78655	5.58203	10.60950
57 CO	7.23952	9.57762	13.54672	18.05922	0.71543	0.79830	5.66543	12.66867
58 CO	7.82572	10.33571	14.66434	18.58131	0.72744	0.81171	5.76055	14.72784
59 CO	8.41191	11.09380	15.78195	19.16060	0.74100	0.82684	5.86794	16.78701
60 CO	8.99811	11.85189	16.89957	19.80147	0.75619	0.84379	5.98821	18.84618
61 CO	9.58431	12.60998	18.01719	20.50884	0.77309	0.86265	6.12209	20.90535
62 CO	10.17051	13.36807	19.13481	21.28827	0.79182	0.88354	6.27036	22.96451
63 CO	10.75671	14.12616	20.25242	22.14598	0.81247	0.90659	6.43391	25.02369
64 CO	11.34291	14.88425	21.37004	23.08900	0.83518	0.93193	6.61377	27.08286
65 CO	11.92910	15.64234	22.48766	24.12518	0.86009	0.95973	6.81103	29.14202

**Table A-39
Victoria 2006 Emission Rates
for Time Period 1**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	1.83189	2.17069	3.01302	3.62839	1.85479	2.10907	12.94486	0.89199
4 NOX	1.67440	1.98407	2.75399	3.66593	1.77668	2.02024	12.39966	0.85317
5 NOX	1.57991	1.87210	2.59857	3.70348	1.70427	1.93790	11.89429	0.82096
6 NOX	1.51692	1.79746	2.49496	3.74103	1.63713	1.86156	11.42574	0.79485
7 NOX	1.47192	1.74414	2.42095	3.77857	1.57487	1.79077	10.99124	0.77435
8 NOX	1.43817	1.70415	2.36544	3.81612	1.51714	1.72512	10.58829	0.75899
9 NOX	1.41192	1.67305	2.32227	3.85367	1.46359	1.66424	10.21461	0.74831
10 NOX	1.39092	1.64816	2.28773	3.89121	1.41395	1.60778	9.86811	0.74188
11 NOX	1.37374	1.62781	2.25948	3.92876	1.36792	1.55545	9.54692	0.73929
12 NOX	1.35943	1.61084	2.23593	3.96631	1.32528	1.50696	9.24931	0.74013
13 NOX	1.34731	1.59649	2.21600	4.00385	1.28579	1.46206	8.97371	0.74403
14 NOX	1.33693	1.58418	2.19892	4.04140	1.24925	1.42051	8.71869	0.75061
15 NOX	1.32793	1.57352	2.18412	4.07895	1.21547	1.38210	8.48295	0.75953
16 NOX	1.32005	1.56419	2.17117	4.11649	1.18429	1.34664	8.26532	0.77047
17 NOX	1.31311	1.55595	2.15974	4.15404	1.15555	1.31396	8.06472	0.78310
18 NOX	1.30693	1.54864	2.14958	4.19159	1.12910	1.28389	7.88017	0.79715
19 NOX	1.30140	1.54209	2.14050	4.22913	1.10483	1.25629	7.71078	0.81233
20 NOX	1.30425	1.53305	2.12832	4.26668	1.08262	1.23104	7.55575	0.82839
21 NOX	1.31261	1.53587	2.13265	4.30423	1.06236	1.20800	7.41436	0.84508
22 NOX	1.32022	1.53842	2.13659	4.34178	1.04396	1.18708	7.28596	0.86219
23 NOX	1.32716	1.54076	2.14018	4.37932	1.02734	1.16818	7.16995	0.87951
24 NOX	1.33352	1.54290	2.14348	4.41687	1.01242	1.15121	7.06582	0.89685
25 NOX	1.33938	1.54487	2.14651	4.45442	0.99913	1.13610	6.97309	0.91405
26 NOX	1.34478	1.54669	2.14931	4.49196	0.98742	1.12279	6.89136	0.93096
27 NOX	1.34979	1.54838	2.15190	4.52951	0.97724	1.11121	6.82027	0.94743
28 NOX	1.35444	1.54994	2.15431	4.56706	0.96853	1.10130	6.75950	0.96336
29 NOX	1.35876	1.55140	2.15655	4.60460	0.96126	1.09304	6.70879	0.97865
30 NOX	1.36280	1.55276	2.15864	4.64215	0.95541	1.08638	6.66793	0.99322
31 NOX	1.36658	1.55403	2.16060	4.67970	0.95094	1.08130	6.63673	1.00701
32 NOX	1.37012	1.55522	2.16244	4.71724	0.94783	1.07777	6.61506	1.01997
33 NOX	1.37345	1.55634	2.16416	4.75479	0.94608	1.07578	6.60283	1.03208
34 NOX	1.37658	1.55739	2.16578	4.79234	0.94568	1.07532	6.59999	1.04332
35 NOX	1.37953	1.55839	2.16731	4.82988	0.94661	1.07638	6.60653	1.05372
36 NOX	1.38232	1.55933	2.16875	4.86743	0.94890	1.07898	6.62247	1.06328
37 NOX	1.38496	1.56021	2.17012	4.90498	0.95254	1.08312	6.64789	1.07207
38 NOX	1.38745	1.56105	2.17141	4.94252	0.95755	1.08882	6.68288	1.08013
39 NOX	1.38982	1.56185	2.17264	4.98007	0.96396	1.09611	6.72760	1.08756
40 NOX	1.39208	1.56261	2.17381	5.01762	0.97179	1.10501	6.78225	1.09445
41 NOX	1.39422	1.56333	2.17492	5.05516	0.98108	1.11557	6.84706	1.10091
42 NOX	1.39626	1.56402	2.17598	5.09271	0.99186	1.12783	6.92231	1.10708
43 NOX	1.39820	1.56467	2.17698	5.13026	1.00418	1.14185	7.00833	1.11311
44 NOX	1.40006	1.56530	2.17794	5.16780	1.01811	1.15768	7.10550	1.11917
45 NOX	1.40184	1.56589	2.17886	5.20535	1.03369	1.17540	7.21425	1.12544
46 NOX	1.40353	1.56647	2.17974	5.24290	1.05100	1.19508	7.33508	1.13214
47 NOX	1.40516	1.56701	2.18058	5.28045	1.07012	1.21683	7.46853	1.13948
48 NOX	1.40671	1.56754	2.18139	5.31799	1.09114	1.24072	7.61522	1.14770
49 NOX	1.44829	1.62656	2.26385	5.35554	1.11415	1.26689	7.77582	1.18507
50 NOX	1.48987	1.68558	2.34630	5.39309	1.13927	1.29545	7.95109	1.22244
51 NOX	1.53144	1.74461	2.42876	5.43063	1.16660	1.32653	8.14186	1.25981
52 NOX	1.57302	1.80363	2.51121	5.46818	1.19629	1.36029	8.34906	1.29719
53 NOX	1.61459	1.86266	2.59367	5.50573	1.22848	1.39689	8.57370	1.33456
54 NOX	1.65617	1.92168	2.67613	5.54327	1.26332	1.43651	8.81689	1.37193
55 NOX	1.69774	1.98071	2.75858	5.58082	1.30100	1.47935	9.07986	1.40930
56 NOX	1.73932	2.03973	2.84104	5.61837	1.34171	1.52564	9.36397	1.44667
57 NOX	1.78089	2.09875	2.92349	5.65591	1.38566	1.57561	9.67068	1.48405
58 NOX	1.82247	2.15778	3.00595	5.69346	1.43308	1.62954	10.00164	1.52142
59 NOX	1.86404	2.21680	3.08841	5.73101	1.48423	1.68770	10.35862	1.55879
60 NOX	1.90562	2.27583	3.17086	5.76855	1.53939	1.75042	10.74358	1.59616
61 NOX	1.94719	2.33485	3.25332	5.80610	1.59887	1.81805	11.15869	1.63353
62 NOX	1.98877	2.39387	3.33577	5.84365	1.66300	1.89098	11.60631	1.67091
63 NOX	2.03034	2.45290	3.41823	5.88119	1.73217	1.96963	12.08904	1.70828
64 NOX	2.07192	2.51192	3.50069	5.91874	1.80678	2.05446	12.60973	1.74565
65 NOX	2.11349	2.57095	3.58314	5.95629	1.88727	2.14600	13.17155	1.78302

**Table A-40
Victoria 2006 VOC Emission Rates
for Time Period 2**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 VOC	12.01722	13.44035	19.00953	22.39431	1.06484	1.47562	4.45924	11.08929
4 VOC	8.15380	9.14130	12.90483	16.27075	1.01096	1.40096	4.23362	9.56763
5 VOC	6.17764	6.93496	9.77238	13.09006	0.96066	1.33125	4.02296	8.44061
6 VOC	5.00266	5.61952	7.90506	11.11461	0.91366	1.26612	3.82614	7.58994
7 VOC	4.23317	4.75607	6.67949	9.74036	0.86973	1.20524	3.64216	6.93676
8 VOC	3.81612	4.27007	5.98726	8.94337	0.82864	1.14829	3.47008	6.42732
9 VOC	3.50063	3.90310	5.46499	8.28591	0.79018	1.09500	3.30904	6.02428
10 VOC	3.24388	3.60728	5.04465	7.71133	0.75417	1.04510	3.15825	5.70117
11 VOC	3.02985	3.36319	4.69845	7.20384	0.72044	0.99836	3.01698	5.43892
12 VOC	2.84786	3.15790	4.40785	6.75197	0.68882	0.95454	2.88458	5.22353
13 VOC	2.69052	2.98247	4.16002	6.34701	0.65917	0.91345	2.76041	5.04460
14 VOC	2.55254	2.83048	3.94580	5.98215	0.63135	0.87490	2.64391	4.89426
15 VOC	2.43005	2.69726	3.75846	5.65192	0.60524	0.83872	2.53455	4.76652
16 VOC	2.32015	2.57929	3.59297	5.35186	0.58072	0.80473	2.43186	4.65671
17 VOC	2.22062	2.47387	3.44546	5.07825	0.55768	0.77281	2.33539	4.56123
18 VOC	2.12972	2.37891	3.31295	4.82795	0.53602	0.74280	2.24471	4.47722
19 VOC	2.04610	2.29276	3.19306	4.59831	0.51567	0.71459	2.15946	4.40242
20 VOC	1.95727	2.20274	3.06770	4.39568	0.49652	0.68806	2.07927	4.33505
21 VOC	1.87712	2.11853	2.94819	4.22243	0.47850	0.66309	2.00382	4.27369
22 VOC	1.80402	2.04189	2.83946	4.06386	0.46155	0.63959	1.93282	4.21723
23 VOC	1.73703	1.97185	2.74010	3.91846	0.44558	0.61747	1.86596	4.16479
24 VOC	1.67540	1.90757	2.64893	3.78493	0.43055	0.59664	1.80301	4.11568
25 VOC	1.61849	1.84836	2.56499	3.66210	0.41639	0.57702	1.74371	4.06939
26 VOC	1.56574	1.79364	2.48743	3.54896	0.40305	0.55853	1.68785	4.02553
27 VOC	1.51669	1.74291	2.41554	3.44458	0.39048	0.54111	1.63522	3.98381
28 VOC	1.47096	1.69574	2.34871	3.34817	0.37864	0.52470	1.58562	3.94404
29 VOC	1.42819	1.65177	2.28643	3.25901	0.36748	0.50924	1.53888	3.90610
30 VOC	1.38809	1.61067	2.22824	3.17646	0.35696	0.49466	1.49484	3.86991
31 VOC	1.35041	1.57216	2.17374	3.09994	0.34705	0.48093	1.45333	3.83545
32 VOC	1.31490	1.53601	2.12258	3.02893	0.33771	0.46798	1.41422	3.80272
33 VOC	1.28139	1.50200	2.07447	2.96299	0.32891	0.45579	1.37737	3.77173
34 VOC	1.24968	1.46993	2.02913	2.90170	0.32062	0.44431	1.34267	3.74252
35 VOC	1.21964	1.43965	1.98633	2.84468	0.31282	0.43349	1.30999	3.71514
36 VOC	1.19111	1.41100	1.94584	2.79159	0.30547	0.42331	1.27923	3.68960
37 VOC	1.16397	1.38386	1.90750	2.74215	0.29856	0.41374	1.25029	3.66596
38 VOC	1.13812	1.35810	1.87112	2.69607	0.29207	0.40473	1.22309	3.64423
39 VOC	1.11346	1.33361	1.83656	2.65311	0.28596	0.39628	1.19753	3.62442
40 VOC	1.08989	1.31031	1.80368	2.61304	0.28023	0.38834	1.17353	3.60652
41 VOC	1.06734	1.28810	1.77236	2.57567	0.27486	0.38089	1.15103	3.59052
42 VOC	1.04573	1.26691	1.74248	2.54082	0.26983	0.37392	1.12995	3.57636
43 VOC	1.02501	1.24666	1.71394	2.50831	0.26512	0.36739	1.11024	3.56397
44 VOC	1.00510	1.22729	1.68666	2.47802	0.26072	0.36130	1.09183	3.55324
45 VOC	0.98595	1.20875	1.66055	2.44979	0.25663	0.35562	1.07467	3.54404
46 VOC	0.96752	1.19097	1.63553	2.42351	0.25282	0.35034	1.05872	3.53618
47 VOC	0.94976	1.17392	1.61154	2.39907	0.24928	0.34544	1.04391	3.52945
48 VOC	0.93257	1.15727	1.58810	2.37603	0.24601	0.34091	1.03023	3.52357
49 VOC	0.92638	1.15053	1.57856	2.35175	0.24300	0.33674	1.01761	3.52357
50 VOC	0.92057	1.14419	1.56958	2.32956	0.24024	0.33291	1.00604	3.52357
51 VOC	0.91508	1.13822	1.56113	2.30933	0.23771	0.32941	0.99547	3.52357
52 VOC	0.90992	1.13259	1.55315	2.29096	0.23542	0.32624	0.98588	3.52357
53 VOC	0.90503	1.12727	1.54562	2.27438	0.23336	0.32338	0.97724	3.52357
54 VOC	0.90042	1.12224	1.53850	2.25951	0.23152	0.32083	0.96953	3.52357
55 VOC	0.89605	1.11748	1.53176	2.24627	0.22989	0.31858	0.96273	3.52357
56 VOC	0.91400	1.13756	1.56195	2.23461	0.22848	0.31662	0.95682	3.59857
57 VOC	0.93217	1.15787	1.59246	2.22449	0.22728	0.31496	0.95178	3.67356
58 VOC	0.95054	1.17840	1.62328	2.21585	0.22628	0.31357	0.94760	3.74855
59 VOC	0.96909	1.19914	1.65439	2.20867	0.22549	0.31247	0.94427	3.82355
60 VOC	0.98781	1.22006	1.68577	2.20293	0.22489	0.31165	0.94178	3.89854
61 VOC	1.00670	1.24116	1.71740	2.19860	0.22450	0.31110	0.94013	3.97354
62 VOC	1.02574	1.26242	1.74926	2.19567	0.22430	0.31083	0.93930	4.04853
63 VOC	1.04493	1.28385	1.78135	2.19415	0.22430	0.31083	0.93930	4.12352
64 VOC	1.06425	1.30541	1.81364	2.19404	0.22450	0.31110	0.94013	4.19852
65 VOC	1.08369	1.32712	1.84613	2.19534	0.22489	0.31165	0.94178	4.27351

**Table A-41
Victoria 2006 CO Emission Rates
for Time Period 2**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 CO	73.97894	81.23901	113.57347	118.95125	4.34370	4.84688	34.39747	166.05774
4 CO	57.95247	63.86380	89.10837	108.68063	4.00321	4.46694	31.70115	132.43452
5 CO	48.33659	53.43867	74.42931	99.51550	3.69613	4.12429	29.26941	108.16673
6 CO	41.92602	46.48859	64.64326	91.32401	3.41882	3.81486	27.07343	90.25908
7 CO	37.34702	41.52425	57.65322	83.99133	3.16808	3.53507	25.08784	76.77505
8 CO	33.91278	37.80098	52.41070	77.41757	2.94108	3.28178	23.29021	66.43221
9 CO	31.24171	34.90511	48.33318	71.51547	2.73531	3.05218	21.66078	58.36223
10 CO	29.10485	32.58842	45.07117	66.20882	2.54858	2.84381	20.18204	51.96492
11 CO	27.35651	30.69295	42.40224	61.43094	2.37892	2.65450	18.83850	46.81738
12 CO	25.89956	29.11338	40.17815	57.12339	2.22460	2.48230	17.61645	42.61632
13 CO	24.66675	27.77683	38.29621	53.23487	2.08408	2.32550	16.50367	39.14066
14 CO	23.61007	26.63121	36.68313	49.72032	1.95599	2.18257	15.48936	36.22684
15 CO	22.69426	25.63834	35.28512	46.54007	1.83912	2.05216	14.56386	33.75222
16 CO	21.89294	24.76958	34.06187	43.65918	1.73238	1.93306	13.71861	31.62378
17 CO	21.18589	24.00303	32.98252	41.04683	1.63481	1.82419	12.94595	29.77026
18 CO	20.55740	23.32165	32.02311	38.67579	1.54554	1.72458	12.23907	28.13659
19 CO	19.99507	22.71199	31.16468	36.52196	1.46382	1.63338	11.59186	26.68007
20 CO	19.16398	21.87309	30.02241	34.56403	1.38893	1.54983	10.99888	25.36733
21 CO	18.10292	20.75864	28.51481	32.78312	1.32028	1.47323	10.45524	24.17238
22 CO	17.13831	19.74549	27.14427	31.16244	1.25731	1.40296	9.95657	23.07494
23 CO	16.25759	18.82045	25.89291	29.68713	1.19953	1.33848	9.49897	22.05924
24 CO	15.45026	17.97248	24.74582	28.34395	1.14648	1.27929	9.07890	21.11311
25 CO	14.70752	17.19236	23.69050	27.12115	1.09778	1.22494	8.69322	20.22725
26 CO	14.02191	16.47225	22.71637	26.00825	1.05306	1.17504	8.33908	19.39457
27 CO	13.38709	15.80548	21.81438	24.99595	1.01200	1.12923	8.01394	18.60980
28 CO	12.79761	15.18633	20.97683	24.07596	0.97431	1.08718	7.71551	17.86904
29 CO	12.24879	14.60989	20.19704	23.24090	0.93974	1.04860	7.44173	17.16945
30 CO	11.73655	14.07188	19.46923	22.48422	0.90804	1.01323	7.19073	16.50898
31 CO	11.25736	13.56857	18.78838	21.80008	0.87901	0.98084	6.96086	15.88615
32 CO	10.80812	13.09672	18.15009	21.18331	0.85246	0.95121	6.75061	15.29991
33 CO	10.38611	12.65347	17.55048	20.62933	0.82822	0.92416	6.55864	14.74941
34 CO	9.98892	12.23629	16.98614	20.13408	0.80614	0.89952	6.38373	14.23401
35 CO	9.61443	11.84295	16.45404	19.69399	0.78607	0.87713	6.22481	13.75304
36 CO	9.26074	11.47147	15.95151	19.30596	0.76789	0.85685	6.08090	13.30587
37 CO	8.92618	11.12006	15.47614	18.96725	0.75151	0.83856	5.95114	12.89178
38 CO	8.60922	10.78715	15.02579	18.67552	0.73681	0.82216	5.83476	12.50991
39 CO	8.30851	10.47131	14.59854	18.42879	0.72372	0.80755	5.73108	12.15929
40 CO	8.02284	10.17126	14.19265	18.22536	0.71215	0.79465	5.63949	11.83875
41 CO	7.75111	9.88585	13.80655	18.06387	0.70205	0.78337	5.55947	11.54689
42 CO	7.49231	9.61403	13.43885	17.94325	0.69335	0.77367	5.49058	11.28216
43 CO	7.24555	9.35486	13.08824	17.86268	0.68600	0.76547	5.43241	11.04266
44 CO	7.01001	9.10746	12.75358	17.82164	0.67997	0.75874	5.38465	10.82626
45 CO	6.78494	8.87106	12.43378	17.81986	0.67522	0.75344	5.34704	10.63047
46 CO	6.56965	8.64494	12.12790	17.85733	0.67173	0.74954	5.31936	10.45246
47 CO	6.36352	8.42844	11.83502	17.93427	0.66947	0.74702	5.30146	10.28895
48 CO	6.16598	8.22096	11.55435	18.05123	0.66843	0.74586	5.29325	10.13623
49 CO	6.16598	8.22096	11.55435	18.20896	0.66861	0.74606	5.29468	10.13623
50 CO	6.16598	8.22096	11.55435	18.40852	0.67001	0.74762	5.30576	10.13623
51 CO	6.16598	8.22096	11.55435	18.65126	0.67263	0.75055	5.32655	10.13623
52 CO	6.16598	8.22096	11.55435	18.93882	0.67650	0.75487	5.35715	10.13623
53 CO	6.16598	8.22096	11.55435	19.27317	0.68163	0.76059	5.39775	10.13623
54 CO	6.16598	8.22096	11.55435	19.65661	0.68804	0.76775	5.44857	10.13623
55 CO	6.16598	8.22096	11.55435	20.09184	0.69579	0.77639	5.50988	10.13623
56 CO	6.76235	8.99855	12.70462	20.58194	0.70490	0.78655	5.58203	12.57733
57 CO	7.35871	9.77614	13.85489	21.13042	0.71543	0.79830	5.66543	15.01843
58 CO	7.95507	10.55374	15.00517	21.74130	0.72744	0.81171	5.76055	17.45953
59 CO	8.55143	11.33133	16.15544	22.41911	0.74100	0.82684	5.86794	19.90064
60 CO	9.14779	12.10892	17.30571	23.16897	0.75619	0.84379	5.98821	22.34174
61 CO	9.74416	12.88652	18.45598	23.99664	0.77309	0.86265	6.12209	24.78284
62 CO	10.34052	13.66411	19.60625	24.90862	0.79182	0.88354	6.27036	27.22393
63 CO	10.93688	14.44170	20.75652	25.91220	0.81247	0.90659	6.43391	29.66504
64 CO	11.53324	15.21930	21.90679	27.01558	0.83518	0.93193	6.61377	32.10614
65 CO	12.12960	15.99689	23.05706	28.22799	0.86009	0.95973	6.81103	34.54724

Table A-42
Victoria 2006 NOX Emission Rates
for Time Period 2

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	1.85531	2.19822	3.05178	3.64361	1.85479	2.10907	12.94486	0.82343
4 NOX	1.69581	2.00924	2.78942	3.68132	1.77668	2.02024	12.39966	0.78760
5 NOX	1.60011	1.89585	2.63200	3.71902	1.70427	1.93790	11.89429	0.75786
6 NOX	1.53631	1.82026	2.52706	3.75672	1.63713	1.86156	11.42574	0.73376
7 NOX	1.49073	1.76626	2.45209	3.79443	1.57487	1.79077	10.99124	0.71483
8 NOX	1.45655	1.72577	2.39587	3.83213	1.51714	1.72512	10.58829	0.70065
9 NOX	1.42997	1.69427	2.35215	3.86984	1.46359	1.66424	10.21461	0.69079
10 NOX	1.40870	1.66907	2.31716	3.90754	1.41395	1.60778	9.86811	0.68486
11 NOX	1.39130	1.64845	2.28854	3.94525	1.36792	1.55545	9.54692	0.68247
12 NOX	1.37680	1.63127	2.26469	3.98295	1.32528	1.50696	9.24931	0.68324
13 NOX	1.36453	1.61674	2.24451	4.02065	1.28579	1.46206	8.97371	0.68684
14 NOX	1.35402	1.60428	2.22721	4.05836	1.24925	1.42051	8.71869	0.69291
15 NOX	1.34490	1.59348	2.21222	4.09606	1.21547	1.38210	8.48295	0.70115
16 NOX	1.33693	1.58403	2.19910	4.13377	1.18429	1.34664	8.26532	0.71125
17 NOX	1.32989	1.57569	2.18753	4.17147	1.15555	1.31396	8.06472	0.72291
18 NOX	1.32364	1.56828	2.17724	4.20918	1.12910	1.28389	7.88017	0.73588
19 NOX	1.31804	1.56165	2.16803	4.24688	1.10483	1.25629	7.71078	0.74989
20 NOX	1.32092	1.55249	2.15569	4.28458	1.08262	1.23104	7.55575	0.76472
21 NOX	1.32939	1.55534	2.16007	4.32229	1.06236	1.20800	7.41436	0.78013
22 NOX	1.33709	1.55793	2.16405	4.35999	1.04396	1.18708	7.28596	0.79592
23 NOX	1.34412	1.56029	2.16768	4.39770	1.02734	1.16818	7.16995	0.81191
24 NOX	1.35057	1.56245	2.17101	4.43540	1.01242	1.15121	7.06582	0.82792
25 NOX	1.35650	1.56444	2.17408	4.47311	0.99913	1.13610	6.97309	0.84380
26 NOX	1.36197	1.56628	2.17691	4.51081	0.98742	1.12279	6.89136	0.85940
27 NOX	1.36704	1.56799	2.17952	4.54851	0.97724	1.11121	6.82027	0.87461
28 NOX	1.37175	1.56957	2.18196	4.58622	0.96853	1.10130	6.75950	0.88932
29 NOX	1.37613	1.57104	2.18422	4.62392	0.96126	1.09304	6.70879	0.90343
30 NOX	1.38022	1.57241	2.18634	4.66163	0.95541	1.08638	6.66793	0.91688
31 NOX	1.38404	1.57370	2.18831	4.69933	0.95094	1.08130	6.63673	0.92961
32 NOX	1.38763	1.57490	2.19017	4.73704	0.94783	1.07777	6.61506	0.94158
33 NOX	1.39100	1.57603	2.19191	4.77474	0.94608	1.07578	6.60283	0.95275
34 NOX	1.39417	1.57710	2.19355	4.81244	0.94568	1.07532	6.59999	0.96313
35 NOX	1.39716	1.57810	2.19509	4.85015	0.94661	1.07638	6.60653	0.97273
36 NOX	1.39999	1.57905	2.19655	4.88785	0.94890	1.07898	6.62247	0.98156
37 NOX	1.40266	1.57995	2.19793	4.92556	0.95254	1.08312	6.64789	0.98967
38 NOX	1.40519	1.58080	2.19924	4.96326	0.95755	1.08882	6.68288	0.99711
39 NOX	1.40759	1.58161	2.20048	5.00097	0.96396	1.09611	6.72760	1.00397
40 NOX	1.40987	1.58237	2.20166	5.03867	0.97179	1.10501	6.78225	1.01032
41 NOX	1.41204	1.58310	2.20278	5.07638	0.98108	1.11557	6.84706	1.01629
42 NOX	1.41410	1.58379	2.20385	5.11408	0.99186	1.12783	6.92231	1.02199
43 NOX	1.41607	1.58446	2.20487	5.15178	1.00418	1.14185	7.00833	1.02755
44 NOX	1.41795	1.58509	2.20584	5.18949	1.01811	1.15768	7.10550	1.03315
45 NOX	1.41975	1.58569	2.20677	5.22719	1.03369	1.17540	7.21425	1.03894
46 NOX	1.42147	1.58627	2.20766	5.26490	1.05100	1.19508	7.33508	1.04512
47 NOX	1.42312	1.58682	2.20851	5.30260	1.07012	1.21683	7.46853	1.05189
48 NOX	1.42469	1.58735	2.20932	5.34031	1.09114	1.24072	7.61522	1.05948
49 NOX	1.46680	1.64712	2.29283	5.37801	1.11415	1.26689	7.77582	1.09398
50 NOX	1.50891	1.70689	2.37633	5.41571	1.13927	1.29545	7.95109	1.12848
51 NOX	1.55101	1.76665	2.45984	5.45342	1.16660	1.32653	8.14186	1.16298
52 NOX	1.59312	1.82642	2.54335	5.49112	1.19629	1.36029	8.34906	1.19748
53 NOX	1.63523	1.88619	2.62685	5.52883	1.22848	1.39689	8.57370	1.23198
54 NOX	1.67733	1.94596	2.71036	5.56653	1.26332	1.43651	8.81689	1.26648
55 NOX	1.71944	2.00572	2.79387	5.60424	1.30100	1.47935	9.07986	1.30098
56 NOX	1.76154	2.06549	2.87737	5.64194	1.34171	1.52564	9.36397	1.33548
57 NOX	1.80365	2.12526	2.96088	5.67965	1.38566	1.57561	9.67068	1.36998
58 NOX	1.84576	2.18503	3.04439	5.71735	1.43308	1.62954	10.00164	1.40448
59 NOX	1.88786	2.24479	3.12789	5.75505	1.48423	1.68770	10.35862	1.43898
60 NOX	1.92997	2.30456	3.21140	5.79276	1.53939	1.75042	10.74358	1.47348
61 NOX	1.97208	2.36433	3.29490	5.83046	1.59887	1.81805	11.15869	1.50798
62 NOX	2.01418	2.42410	3.37841	5.86817	1.66300	1.89098	11.60631	1.54248
63 NOX	2.05629	2.48387	3.46192	5.90587	1.73217	1.96963	12.08904	1.57698
64 NOX	2.09840	2.54363	3.54542	5.94358	1.80678	2.05446	12.60973	1.61148
65 NOX	2.14050	2.60340	3.62893	5.98128	1.88727	2.14600	13.17155	1.64597

Table A-43
Victoria 2006 VOC Emission Rates
for Time Period 3

	LDGV	LTGT1	LDGT2	HGTV	LDDV	LDDT	HDDV	MC
3 VOC	12.44923	13.81298	19.55912	23.33261	1.06484	1.47562	4.45924	11.19793
4 VOC	8.41829	9.35484	13.21926	16.86003	1.01096	1.40096	4.23362	9.67727
5 VOC	6.36119	7.07475	9.97769	13.51222	0.96066	1.33125	4.02296	8.55100
6 VOC	5.14040	5.71919	8.05095	11.44257	0.91366	1.26612	3.82614	7.70090
7 VOC	4.34218	4.83151	6.78948	10.00926	0.86973	1.20524	3.64216	7.04814
8 VOC	3.91358	4.33614	6.08331	9.18755	0.82864	1.14829	3.47008	6.53904
9 VOC	3.58941	3.96268	5.55134	8.51157	0.79018	1.09500	3.30904	6.13627
10 VOC	3.32519	3.66172	5.12333	7.92130	0.75417	1.04510	3.15825	5.81337
11 VOC	3.10459	3.41350	4.77091	7.40023	0.72044	0.99836	3.01698	5.55129
12 VOC	2.91669	3.20482	4.47519	6.93638	0.68882	0.95454	2.88458	5.33605
13 VOC	2.75394	3.02656	4.22309	6.52071	0.65917	0.91345	2.76041	5.15723
14 VOC	2.61097	2.87221	4.00526	6.14616	0.63135	0.87490	2.64391	5.00700
15 VOC	2.48380	2.73698	3.81484	5.80708	0.60524	0.83872	2.53455	4.87934
16 VOC	2.36949	2.61729	3.64669	5.49885	0.58072	0.80473	2.43186	4.76961
17 VOC	2.26575	2.51039	3.49689	5.21764	0.55768	0.77281	2.33539	4.67419
18 VOC	2.17084	2.41416	3.36238	4.96024	0.53602	0.74280	2.24471	4.59023
19 VOC	2.08335	2.32691	3.24074	4.72391	0.51567	0.71459	2.15946	4.51548
20 VOC	1.99168	2.23575	3.11364	4.51604	0.49652	0.68806	2.07927	4.44815
21 VOC	1.91023	2.15030	2.99231	4.33947	0.47850	0.66309	2.00382	4.38684
22 VOC	1.83592	2.07253	2.88192	4.17785	0.46155	0.63959	1.93282	4.33041
23 VOC	1.76781	2.00145	2.78104	4.02965	0.44558	0.61747	1.86596	4.27801
24 VOC	1.70514	1.93621	2.68849	3.89353	0.43055	0.59664	1.80301	4.22893
25 VOC	1.64724	1.87612	2.60326	3.76831	0.41639	0.57702	1.74371	4.18267
26 VOC	1.59357	1.82059	2.52450	3.65293	0.40305	0.55853	1.68785	4.13883
27 VOC	1.54366	1.76910	2.45151	3.54647	0.39048	0.54111	1.63522	4.09714
28 VOC	1.49710	1.72123	2.38366	3.44812	0.37864	0.52470	1.58562	4.05740
29 VOC	1.45355	1.67659	2.32042	3.35714	0.36748	0.50924	1.53888	4.01949
30 VOC	1.41271	1.63487	2.26133	3.27287	0.35696	0.49466	1.49484	3.98332
31 VOC	1.37432	1.59579	2.20598	3.19474	0.34705	0.48093	1.45333	3.94889
32 VOC	1.33814	1.55909	2.15403	3.12222	0.33771	0.46798	1.41422	3.91618
33 VOC	1.30397	1.52456	2.10518	3.05485	0.32891	0.45579	1.37737	3.88521
34 VOC	1.27164	1.49201	2.05913	2.99219	0.32062	0.44431	1.34267	3.85602
35 VOC	1.24100	1.46127	2.01566	2.93388	0.31282	0.43349	1.30999	3.82865
36 VOC	1.21189	1.43219	1.97455	2.87958	0.30547	0.42331	1.27923	3.80313
37 VOC	1.18419	1.40463	1.93560	2.82897	0.29856	0.41374	1.25029	3.77950
38 VOC	1.15780	1.37848	1.89866	2.78177	0.29207	0.40473	1.22309	3.75779
39 VOC	1.13261	1.35361	1.86355	2.73775	0.28596	0.39628	1.19753	3.73799
40 VOC	1.10854	1.32995	1.83016	2.69667	0.28023	0.38834	1.17353	3.72011
41 VOC	1.08549	1.30740	1.79834	2.65833	0.27486	0.38089	1.15103	3.70412
42 VOC	1.06341	1.28588	1.76799	2.62255	0.26983	0.37392	1.12995	3.68997
43 VOC	1.04221	1.26532	1.73900	2.58915	0.26512	0.36739	1.11024	3.67759
44 VOC	1.02184	1.24565	1.71129	2.55800	0.26072	0.36130	1.09183	3.66686
45 VOC	1.00225	1.22682	1.68476	2.52895	0.25663	0.35562	1.07467	3.65767
46 VOC	0.98338	1.20876	1.65935	2.50187	0.25282	0.35034	1.05872	3.64981
47 VOC	0.96519	1.19144	1.63497	2.47667	0.24928	0.34544	1.04391	3.64308
48 VOC	0.94759	1.17452	1.61114	2.45288	0.24601	0.34091	1.03023	3.63721
49 VOC	0.94106	1.16739	1.60103	2.42775	0.24300	0.33674	1.01761	3.63721
50 VOC	0.93492	1.16069	1.59152	2.40476	0.24024	0.33291	1.00604	3.63721
51 VOC	0.92913	1.15438	1.58256	2.38378	0.23771	0.32941	0.99547	3.63721
52 VOC	0.92367	1.14842	1.57411	2.36472	0.23542	0.32624	0.98588	3.63721
53 VOC	0.91851	1.14280	1.56613	2.34749	0.23336	0.32338	0.97724	3.63721
54 VOC	0.91364	1.13749	1.55859	2.33200	0.23152	0.32083	0.96953	3.63721
55 VOC	0.90903	1.13246	1.55145	2.31819	0.22989	0.31858	0.96273	3.63721
56 VOC	0.92679	1.15232	1.58132	2.30599	0.22848	0.31662	0.95682	3.71216
57 VOC	0.94477	1.17244	1.61155	2.29536	0.22728	0.31496	0.95178	3.78710
58 VOC	0.96297	1.19278	1.64210	2.28625	0.22628	0.31357	0.94760	3.86205
59 VOC	0.98136	1.21334	1.67296	2.27863	0.22549	0.31247	0.94427	3.93699
60 VOC	0.99994	1.23410	1.70410	2.27248	0.22489	0.31165	0.94178	4.01194
61 VOC	1.01869	1.25505	1.73550	2.26776	0.22450	0.31110	0.94013	4.08688
62 VOC	1.03760	1.27617	1.76716	2.26448	0.22430	0.31083	0.93930	4.16182
63 VOC	1.05667	1.29746	1.79905	2.26263	0.22430	0.31083	0.93930	4.23677
64 VOC	1.07587	1.31890	1.83116	2.26220	0.22450	0.31110	0.94013	4.31171
65 VOC	1.09521	1.34049	1.86348	2.26322	0.22489	0.31165	0.94178	4.38666

Table A-44
Victoria 2006 CO Emission Rates
for Time Period 3

	LDGV	LTGT1	LDGT2	HGTV	LDDV	LDDT	HDDV	MC
3 CO	74.08339	81.38738	113.80276	120.93455	4.34370	4.84688	34.39747	169.36147
4 CO	58.03408	63.97887	89.28526	110.49268	4.00321	4.46694	31.70115	135.06932
5 CO	48.40451	53.53375	74.57475	101.17476	3.69613	4.12429	29.26941	110.31872
6 CO	41.98479	46.57035	64.76774	92.84665	3.41882	3.81486	27.07343	92.05479
7 CO	37.39927	41.59649	57.76275	85.39174	3.16808	3.53507	25.08784	78.30249
8 CO	33.96513	37.86609	52.50899	78.70836	2.94108	3.28178	23.29021	67.75388
9 CO	31.28526	34.96467	48.42273	72.70785	2.73531	3.05218	21.66078	59.52335
10 CO	29.14535	32.64354	45.15373	67.31273	2.54858	2.84381	20.18204	52.99877
11 CO	27.39452	30.74443	42.47910	62.45519	2.37892	2.65450	18.83850	47.74881
12 CO	25.93548	29.16183	40.25023	58.07582	2.22460	2.48230	17.61645	43.46417
13 CO	24.70093	27.82272	38.36427	54.12247	2.08408	2.32550	16.50367	39.91936
14 CO	23.64273	26.67490	36.74773	50.54932	1.95599	2.18257	15.48936	36.94757
15 CO	22.72562	25.68013	35.34673	47.31604	1.83912	2.05216	14.56386	34.42372
16 CO	21.92316	24.80971	34.12086	44.38712	1.73238	1.93306	13.71861	32.25294
17 CO	21.21510	24.04168	33.03920	41.73122	1.63481	1.82419	12.94595	30.36254
18 CO	20.58572	23.35900	32.07773	39.32063	1.54554	1.72458	12.23907	28.69637
19 CO	20.02258	22.74817	31.21747	37.13089	1.46382	1.63338	11.59186	27.21087
20 CO	19.19036	21.90797	30.07332	35.14033	1.38893	1.54983	10.99888	25.87202
21 CO	18.12786	20.79191	28.56351	33.32972	1.32028	1.47323	10.45524	24.65329
22 CO	17.16195	19.77731	27.19094	31.68202	1.25731	1.40296	9.95657	23.53402
23 CO	16.28004	18.85093	25.93774	30.18211	1.19953	1.33848	9.49897	22.49811
24 CO	15.47162	18.00175	24.78897	28.81653	1.14648	1.27929	9.07890	21.53315
25 CO	14.72787	17.22050	23.73210	27.57334	1.09778	1.22494	8.69322	20.65267
26 CO	14.04134	16.49936	22.75653	26.44188	1.05306	1.17504	8.33908	19.78042
27 CO	13.40566	15.83163	21.85322	25.41270	1.01200	1.12923	8.01394	18.98004
28 CO	12.81538	15.21159	21.01443	24.47738	0.97431	1.08718	7.71551	18.22454
29 CO	12.26581	14.63432	20.23349	23.62840	0.93974	1.04860	7.44173	17.51104
30 CO	11.75288	14.09553	19.50462	22.85910	0.90804	1.01323	7.19073	16.83742
31 CO	11.27305	13.59150	18.82277	22.16356	0.87901	0.98084	6.96086	16.20221
32 CO	10.82320	13.11898	18.18353	21.53650	0.85246	0.95121	6.75061	15.60430
33 CO	10.40062	12.67509	17.58303	20.97328	0.82822	0.92416	6.55864	15.04284
34 CO	10.00289	12.25731	17.01786	20.46977	0.80614	0.89952	6.38373	14.51719
35 CO	9.62790	11.86341	16.48499	20.02235	0.78607	0.87713	6.22481	14.02666
36 CO	9.27373	11.49138	15.98172	19.62785	0.76789	0.85685	6.08090	13.57059
37 CO	8.93871	11.13947	15.50565	19.28349	0.75151	0.83856	5.95114	13.14826
38 CO	8.62132	10.80608	15.05464	18.98690	0.73681	0.82216	5.83476	12.78879
39 CO	8.32021	10.48979	14.62676	18.73605	0.72372	0.80755	5.73108	12.40120
40 CO	8.03415	10.18931	14.22027	18.52923	0.71215	0.79465	5.63949	12.07429
41 CO	7.76205	9.90349	13.83361	18.36505	0.70205	0.78337	5.55947	11.77662
42 CO	7.50290	9.63128	13.46536	18.24241	0.69335	0.77367	5.49058	11.50662
43 CO	7.25581	9.37173	13.11424	18.16051	0.68600	0.76547	5.43241	11.26235
44 CO	7.01995	9.12398	12.77908	18.11879	0.67997	0.75874	5.38465	11.04165
45 CO	6.79457	8.88724	12.45882	18.11698	0.67522	0.75344	5.34704	10.84196
46 CO	6.57900	8.66079	12.15248	18.15506	0.67173	0.74954	5.31936	10.66041
47 CO	6.37259	8.44398	11.85917	18.23330	0.66947	0.74702	5.30146	10.49365
48 CO	6.17479	8.23620	11.57809	18.35220	0.66843	0.74586	5.29325	10.33789
49 CO	6.17479	8.23620	11.57809	18.51256	0.66861	0.74606	5.29468	10.33789
50 CO	6.17479	8.23620	11.57809	18.71545	0.67001	0.74762	5.30576	10.33789
51 CO	6.17479	8.23620	11.57809	18.96223	0.67263	0.75055	5.32655	10.33789
52 CO	6.17479	8.23620	11.57809	19.25459	0.67650	0.75487	5.35715	10.33789
53 CO	6.17479	8.23620	11.57809	19.59451	0.68163	0.76059	5.39775	10.33789
54 CO	6.17479	8.23620	11.57809	19.98435	0.68804	0.76775	5.44857	10.33789
55 CO	6.17479	8.23620	11.57809	20.42684	0.69579	0.77639	5.50988	10.33789
56 CO	6.77207	9.01578	12.73177	20.92510	0.70490	0.78655	5.58203	12.82756
57 CO	7.36935	9.79536	13.88545	21.48273	0.71543	0.79830	5.66543	15.31723
58 CO	7.96664	10.57494	15.03913	22.10380	0.72744	0.81171	5.76055	17.80689
59 CO	8.56392	11.35452	16.19281	22.79291	0.74100	0.82684	5.86794	20.29656
60 CO	9.16121	12.13410	17.34648	23.55527	0.75619	0.84379	5.98821	22.78623
61 CO	9.75849	12.91368	18.50016	24.39674	0.77309	0.86265	6.12209	25.27589
62 CO	10.35578	13.69327	19.65384	25.32392	0.79182	0.88354	6.27036	27.76556
63 CO	10.95306	14.47285	20.80752	26.34424	0.81247	0.90659	6.43391	30.25523
64 CO	11.55035	15.25243	21.96119	27.46601	0.83518	0.93193	6.61377	32.74489
65 CO	12.14763	16.03201	23.11487	28.69863	0.86009	0.95973	6.81103	35.23456

**Table A-45
Victoria 2006 NOX Emission Rates
for Time Period 3**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	1.85779	2.20113	3.05588	3.64544	1.85479	2.10907	12.94486	0.81670
4 NOX	1.69807	2.01190	2.79316	3.68316	1.77668	2.02024	12.39966	0.78116
5 NOX	1.60224	1.89836	2.63553	3.72088	1.70427	1.93790	11.89429	0.75167
6 NOX	1.53836	1.82267	2.53045	3.75861	1.63713	1.86156	11.42574	0.72776
7 NOX	1.49272	1.76860	2.45539	3.79633	1.57487	1.79077	10.99124	0.70899
8 NOX	1.45850	1.72805	2.39909	3.83405	1.51714	1.72512	10.58829	0.69492
9 NOX	1.43188	1.69651	2.35530	3.87178	1.46359	1.66424	10.21461	0.68514
10 NOX	1.41058	1.67128	2.32027	3.90950	1.41395	1.60778	9.86811	0.67926
11 NOX	1.39316	1.65064	2.29161	3.94722	1.36792	1.55545	9.54692	0.67689
12 NOX	1.37864	1.63343	2.26773	3.98495	1.32528	1.50696	9.24931	0.67766
13 NOX	1.36635	1.61888	2.24752	4.02267	1.28579	1.46206	8.97371	0.68122
14 NOX	1.35582	1.60640	2.23020	4.06039	1.24925	1.42051	8.71869	0.68725
15 NOX	1.34670	1.59559	2.21519	4.09812	1.21547	1.38210	8.48295	0.69542
16 NOX	1.33871	1.58613	2.20205	4.13584	1.18429	1.34664	8.26532	0.70543
17 NOX	1.33167	1.57778	2.19046	4.17356	1.15555	1.31396	8.06472	0.71700
18 NOX	1.32540	1.57036	2.18016	4.21129	1.12910	1.28389	7.88017	0.72986
19 NOX	1.31980	1.56372	2.17094	4.24901	1.10483	1.25629	7.71078	0.74376
20 NOX	1.32268	1.55455	2.15858	4.28673	1.08262	1.23104	7.55575	0.75846
21 NOX	1.33117	1.55740	2.16296	4.32446	1.06236	1.20800	7.41436	0.77375
22 NOX	1.33888	1.55999	2.16695	4.36218	1.04396	1.18708	7.28596	0.78941
23 NOX	1.34592	1.56235	2.17059	4.39990	1.02734	1.16818	7.16995	0.80527
24 NOX	1.35237	1.56452	2.17392	4.43763	1.01242	1.15121	7.06582	0.82115
25 NOX	1.35831	1.56651	2.17699	4.47535	0.99913	1.13610	6.97309	0.83690
26 NOX	1.36379	1.56835	2.17982	4.51307	0.98742	1.12279	6.89136	0.85237
27 NOX	1.36887	1.57006	2.18244	4.55080	0.97724	1.11121	6.82027	0.86746
28 NOX	1.37358	1.57164	2.18488	4.58852	0.96853	1.10130	6.75950	0.88205
29 NOX	1.37797	1.57311	2.18715	4.62624	0.96126	1.09304	6.70879	0.89605
30 NOX	1.38206	1.57449	2.18926	4.66397	0.95541	1.08638	6.66793	0.90939
31 NOX	1.38589	1.57578	2.19124	4.70169	0.95094	1.08130	6.63673	0.92201
32 NOX	1.38948	1.57698	2.19310	4.73941	0.94783	1.07777	6.61506	0.93388
33 NOX	1.39286	1.57812	2.19484	4.77714	0.94608	1.07578	6.60283	0.94496
34 NOX	1.39603	1.57918	2.19648	4.81486	0.94568	1.07532	6.59999	0.95526
35 NOX	1.39903	1.58019	2.19803	4.85258	0.94661	1.07638	6.60653	0.96477
36 NOX	1.40185	1.58114	2.19949	4.89031	0.94890	1.07898	6.62247	0.97353
37 NOX	1.40453	1.58204	2.20087	4.92803	0.95254	1.08312	6.64789	0.98157
38 NOX	1.40706	1.58289	2.20218	4.96575	0.95755	1.08882	6.68288	0.98896
39 NOX	1.40947	1.58369	2.20342	5.00347	0.96396	1.09611	6.72760	0.99576
40 NOX	1.41175	1.58446	2.20460	5.04120	0.97179	1.10501	6.78225	1.00206
41 NOX	1.41392	1.58519	2.20572	5.07892	0.98108	1.11557	6.84706	1.00798
42 NOX	1.41599	1.58588	2.20679	5.11664	0.99186	1.12783	6.92231	1.01363
43 NOX	1.41796	1.58655	2.20781	5.15437	1.00418	1.14185	7.00833	1.01915
44 NOX	1.41985	1.58718	2.20879	5.19209	1.01811	1.15768	7.10550	1.02470
45 NOX	1.42165	1.58778	2.20972	5.22982	1.03369	1.17540	7.21425	1.03044
46 NOX	1.42337	1.58836	2.21061	5.26754	1.05100	1.19508	7.33508	1.03657
47 NOX	1.42502	1.58892	2.21146	5.30526	1.07012	1.21683	7.46853	1.04329
48 NOX	1.42659	1.58945	2.21227	5.34298	1.09114	1.24072	7.61522	1.05082
49 NOX	1.46876	1.64929	2.29589	5.38071	1.11415	1.26689	7.77582	1.08504
50 NOX	1.51092	1.70914	2.37951	5.41843	1.13927	1.29545	7.95109	1.11926
51 NOX	1.55308	1.76898	2.46313	5.45615	1.16660	1.32653	8.14186	1.15347
52 NOX	1.59524	1.82883	2.54674	5.49388	1.19629	1.36029	8.34906	1.18769
53 NOX	1.63741	1.88868	2.63036	5.53160	1.22848	1.39689	8.57370	1.22191
54 NOX	1.67957	1.94852	2.71398	5.56932	1.26332	1.43651	8.81689	1.25613
55 NOX	1.72173	2.00837	2.79760	5.60705	1.30100	1.47935	9.07986	1.29034
56 NOX	1.76390	2.06822	2.88121	5.64477	1.34171	1.52564	9.36397	1.32456
57 NOX	1.80606	2.12806	2.96483	5.68249	1.38566	1.57561	9.67068	1.35878
58 NOX	1.84822	2.18791	3.04845	5.72022	1.43308	1.62954	10.00164	1.39300
59 NOX	1.89038	2.24775	3.13207	5.75794	1.48423	1.68770	10.35862	1.42721
60 NOX	1.93255	2.30760	3.21568	5.79566	1.53939	1.75042	10.74358	1.46143
61 NOX	1.97471	2.36745	3.29930	5.83339	1.59887	1.81805	11.15869	1.49565
62 NOX	2.01687	2.42729	3.38292	5.87111	1.66300	1.89098	11.60631	1.52986
63 NOX	2.05903	2.48714	3.46654	5.90883	1.73217	1.96963	12.08904	1.56408
64 NOX	2.10120	2.54699	3.55015	5.94656	1.80678	2.05446	12.60973	1.59830
65 NOX	2.14336	2.60683	3.63377	5.98428	1.88727	2.14600	13.17155	1.63252

**Table A-46
Victoria 2006 VOC Emission Rates
for Time Period 4**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 VOC	9.07822	10.82780	15.17834	15.67521	1.06484	1.47562	4.45924	10.13553
4 VOC	6.38819	7.66495	10.73950	12.01373	1.01096	1.40096	4.23362	8.60033
5 VOC	4.97194	5.98135	8.37510	10.00921	0.96066	1.33125	4.02296	7.46328
6 VOC	4.11017	4.94818	6.92337	8.69597	0.91366	1.26612	3.82614	6.60505
7 VOC	3.53498	4.25390	5.94743	7.73706	0.86973	1.20524	3.64216	5.94605
8 VOC	3.19427	3.83200	5.35028	7.11607	0.82864	1.14829	3.47008	5.43208
9 VOC	2.93500	3.50888	4.89343	6.59034	0.79018	1.09500	3.30904	5.02545
10 VOC	2.72580	3.24726	4.52447	6.12665	0.75417	1.04510	3.15825	4.69947
11 VOC	2.55302	3.03039	4.21943	5.71448	0.72044	0.99836	3.01698	4.43488
12 VOC	2.40755	2.84706	3.96233	5.34594	0.68882	0.95454	2.88458	4.21757
13 VOC	2.28309	2.68955	3.74211	5.01484	0.65917	0.91345	2.76041	4.03705
14 VOC	2.17514	2.55231	3.55087	4.71622	0.63135	0.87490	2.64391	3.88538
15 VOC	2.08040	2.43130	3.38280	4.44598	0.60524	0.83872	2.53455	3.75649
16 VOC	1.99638	2.32347	3.23357	4.20071	0.58072	0.80473	2.43186	3.64571
17 VOC	1.92120	2.22649	3.09985	3.97751	0.55768	0.77281	2.33539	3.54938
18 VOC	1.85339	2.13856	2.97905	3.77391	0.53602	0.74280	2.24471	3.46462
19 VOC	1.79177	2.05825	2.86914	3.58776	0.51567	0.71459	2.15946	3.38916
20 VOC	1.71948	1.97484	2.75430	3.42059	0.49652	0.68806	2.07927	3.32119
21 VOC	1.64815	1.89899	2.64700	3.27247	0.47850	0.66309	2.00382	3.25928
22 VOC	1.58317	1.82996	2.54935	3.13691	0.46155	0.63959	1.93282	3.20232
23 VOC	1.52371	1.76685	2.46012	3.01267	0.44558	0.61747	1.86596	3.14941
24 VOC	1.46909	1.70893	2.37824	2.89865	0.43055	0.59664	1.80301	3.09987
25 VOC	1.41872	1.65558	2.30283	2.79387	0.41639	0.57702	1.74371	3.05316
26 VOC	1.37210	1.60626	2.23314	2.69747	0.40305	0.55853	1.68785	3.00891
27 VOC	1.32883	1.56052	2.16855	2.60866	0.39048	0.54111	1.63522	2.96682
28 VOC	1.28855	1.51800	2.10850	2.52676	0.37864	0.52470	1.58562	2.92670
29 VOC	1.25094	1.47834	2.05252	2.45117	0.36748	0.50924	1.53888	2.88842
30 VOC	1.21574	1.44127	2.00021	2.38131	0.35696	0.49466	1.49484	2.85191
31 VOC	1.18272	1.40654	1.95121	2.31671	0.34705	0.48093	1.45333	2.81715
32 VOC	1.15167	1.37392	1.90521	2.25692	0.33771	0.46798	1.41422	2.78412
33 VOC	1.12241	1.34322	1.86195	2.20153	0.32891	0.45579	1.37737	2.75286
34 VOC	1.09478	1.31428	1.82116	2.15020	0.32062	0.44431	1.34267	2.72339
35 VOC	1.06865	1.28695	1.78266	2.10260	0.31282	0.43349	1.30999	2.69576
36 VOC	1.04389	1.26108	1.74624	2.05844	0.30547	0.42331	1.27923	2.67000
37 VOC	1.02038	1.23656	1.71173	2.01745	0.29856	0.41374	1.25029	2.64614
38 VOC	0.99804	1.21329	1.67899	1.97941	0.29207	0.40473	1.22309	2.62422
39 VOC	0.97677	1.19117	1.64788	1.94408	0.28596	0.39628	1.19753	2.60423
40 VOC	0.95648	1.17011	1.61827	1.91129	0.28023	0.38834	1.17353	2.58618
41 VOC	0.93711	1.15003	1.59006	1.88086	0.27486	0.38089	1.15103	2.57003
42 VOC	0.91860	1.13087	1.56315	1.85263	0.26983	0.37392	1.12995	2.55575
43 VOC	0.90088	1.11256	1.53744	1.82645	0.26512	0.36739	1.11024	2.54325
44 VOC	0.88389	1.09504	1.51286	1.80221	0.26072	0.36130	1.09183	2.53242
45 VOC	0.86760	1.07826	1.48933	1.77977	0.25663	0.35562	1.07467	2.52314
46 VOC	0.85195	1.06217	1.46677	1.75905	0.25282	0.35034	1.05872	2.51521
47 VOC	0.83690	1.04673	1.44514	1.73994	0.24928	0.34544	1.04391	2.50842
48 VOC	0.82237	1.03178	1.42418	1.72216	0.24601	0.34091	1.03023	2.50249
49 VOC	0.81875	1.02787	1.41874	1.70413	0.24300	0.33674	1.01761	2.50249
50 VOC	0.81534	1.02418	1.41363	1.68778	0.24024	0.33291	1.00604	2.50249
51 VOC	0.81212	1.02071	1.40881	1.67301	0.23771	0.32941	0.99547	2.50249
52 VOC	0.80909	1.01743	1.40427	1.65976	0.23542	0.32624	0.98588	2.50249
53 VOC	0.80622	1.01434	1.39998	1.64796	0.23336	0.32338	0.97724	2.50249
54 VOC	0.80351	1.01141	1.39592	1.63755	0.23152	0.32083	0.96953	2.50249
55 VOC	0.80095	1.00864	1.39208	1.62849	0.22989	0.31858	0.96273	2.50249
56 VOC	0.82049	1.03044	1.42472	1.62073	0.22848	0.31662	0.95682	2.57815
57 VOC	0.84015	1.05236	1.45756	1.61425	0.22728	0.31496	0.95178	2.65381
58 VOC	0.85993	1.07442	1.49057	1.60901	0.22628	0.31357	0.94760	2.72947
59 VOC	0.87982	1.09659	1.52374	1.60500	0.22549	0.31247	0.94427	2.80513
60 VOC	0.89981	1.11887	1.55706	1.60221	0.22489	0.31165	0.94178	2.88080
61 VOC	0.91990	1.14126	1.59053	1.60062	0.22450	0.31110	0.94013	2.95646
62 VOC	0.94008	1.16374	1.62413	1.60023	0.22430	0.31083	0.93930	3.03212
63 VOC	0.96034	1.18631	1.65786	1.60105	0.22430	0.31083	0.93930	3.10778
64 VOC	0.98067	1.20896	1.69171	1.60309	0.22450	0.31110	0.94013	3.18344
65 VOC	1.00108	1.23170	1.72566	1.60636	0.22489	0.31165	0.94178	3.25910

Table A-47
Victoria 2006 CO Emission Rates
for Time Period 4

	LDGV	LTGT1	LDGT2	HGCV	LDDV	LDDT	HDDV	MC
3 CO	72.80353	79.68512	111.22787	101.96010	4.34370	4.84688	34.39747	140.47540
4 CO	57.03349	62.65482	87.29214	93.15655	4.00321	4.46694	31.70115	112.03207
5 CO	47.57146	52.43663	72.93069	85.30060	3.69613	4.12429	29.26941	91.50290
6 CO	41.26344	45.62451	63.35639	78.27917	3.41882	3.81486	27.07343	76.35404
7 CO	36.75771	40.75871	56.51761	71.99392	3.16808	3.53507	25.08784	64.94732
8 CO	33.37841	37.10936	51.38853	66.35915	2.94108	3.28178	23.29021	56.19786
9 CO	30.75008	34.27097	47.39923	61.30010	2.73531	3.05218	21.66078	49.37113
10 CO	28.64741	32.00027	44.20780	56.75148	2.54858	2.84381	20.18204	43.95937
11 CO	26.92703	30.14242	41.59663	52.65607	2.37892	2.65450	18.83850	39.60484
12 CO	25.49339	28.59420	39.42066	48.96383	2.22460	2.48230	17.61645	36.05098
13 CO	24.28032	27.28419	37.57945	45.63074	2.08408	2.32550	16.50367	33.11077
14 CO	23.24053	26.16130	36.00127	42.61821	1.95599	2.18257	15.48936	30.64584
15 CO	22.33938	25.18815	34.63351	39.89223	1.83912	2.05216	14.56386	28.55246
16 CO	21.55088	24.33663	33.43672	37.42286	1.73238	1.93306	13.71861	26.19786
17 CO	20.85514	23.58529	32.38074	35.18366	1.63481	1.82419	12.94595	25.18394
18 CO	20.23671	22.91744	31.44208	33.15129	1.54554	1.72458	12.23907	23.80196
19 CO	19.68338	22.31988	30.60223	31.30512	1.46382	1.63338	11.59186	22.56982
20 CO	18.86517	21.49522	29.48008	29.62686	1.38893	1.54983	10.99888	21.45932
21 CO	17.82044	20.39862	27.99701	28.10034	1.32028	1.47323	10.45524	20.44845
22 CO	16.87068	19.40172	26.64876	26.71116	1.25731	1.40296	9.95657	19.52009
23 CO	16.00351	18.49150	25.41775	25.44659	1.19953	1.33848	9.49897	18.66086
24 CO	15.20861	17.65713	24.28932	24.29527	1.14648	1.27929	9.07890	17.86049
25 CO	14.47729	16.88951	23.25117	23.24713	1.09778	1.22494	8.69322	17.11110
26 CO	13.80224	16.18094	22.29287	22.29320	1.05306	1.17504	8.33908	16.40670
27 CO	13.17718	15.52486	21.40556	21.42550	1.01200	1.12923	8.01394	15.74283
28 CO	12.59678	14.91564	20.58163	20.63692	0.97431	1.08718	7.71551	15.11619
29 CO	12.05640	14.34843	19.81453	19.92114	0.93974	1.04860	7.44173	14.52438
30 CO	11.55204	13.81904	19.09856	19.27255	0.90804	1.01323	7.19073	13.96566
31 CO	11.08023	13.32380	18.42878	18.68613	0.87901	0.98084	6.96086	13.43878
32 CO	10.63790	12.85951	17.80087	18.15746	0.85246	0.95121	6.75061	12.94285
33 CO	10.22238	12.42337	17.21101	17.68261	0.82822	0.92416	6.55864	12.47716
34 CO	9.83131	12.01288	16.65585	17.25810	0.80614	0.89952	6.38373	12.04116
35 CO	9.46258	11.62584	16.13241	16.88088	0.78607	0.87713	6.22481	11.63429
36 CO	9.11433	11.26031	15.63805	16.54827	0.76789	0.85685	6.08090	11.25600
37 CO	8.78491	10.91454	15.17041	16.25794	0.75151	0.83856	5.95114	10.90571
38 CO	8.47283	10.58696	14.72739	16.00789	0.73681	0.82216	5.83476	10.58267
39 CO	8.17675	10.27618	14.30709	15.79639	0.72372	0.80755	5.73108	10.28607
40 CO	7.89548	9.98095	13.90780	15.62202	0.71215	0.79465	5.63949	10.01491
41 CO	7.62793	9.70011	13.52799	15.48360	0.70205	0.78337	5.55947	9.76801
42 CO	7.37311	9.43265	13.16626	15.38021	0.69335	0.77367	5.49058	9.54406
43 CO	7.13015	9.17762	12.82136	15.31116	0.68600	0.76547	5.43241	9.34146
44 CO	6.89824	8.93419	12.49213	15.27598	0.67997	0.75874	5.38465	9.15840
45 CO	6.67663	8.70158	12.17754	15.27445	0.67522	0.75344	5.34704	8.99277
46 CO	6.46465	8.47908	11.87663	15.30656	0.67173	0.74954	5.31936	8.84219
47 CO	6.26170	8.26605	11.58852	15.37252	0.66947	0.74702	5.30146	8.70386
48 CO	6.06720	8.06190	11.31242	15.47277	0.66843	0.74586	5.29325	8.57468
49 CO	6.06720	8.06190	11.31242	15.60797	0.66861	0.74606	5.29468	8.57468
50 CO	6.06720	8.06190	11.31242	15.77903	0.67001	0.74762	5.30576	8.57468
51 CO	6.06720	8.06190	11.31242	15.98709	0.67263	0.75055	5.32655	8.57468
52 CO	6.06720	8.06190	11.31242	16.23358	0.67650	0.75487	5.35715	8.57468
53 CO	6.06720	8.06190	11.31242	16.52016	0.68163	0.76059	5.39775	8.57468
54 CO	6.06720	8.06190	11.31242	16.84884	0.68804	0.76775	5.44857	8.57468
55 CO	6.06720	8.06190	11.31242	17.22190	0.69579	0.77639	5.50988	8.57468
56 CO	6.65341	8.82009	12.43024	17.64199	0.70490	0.78655	5.58203	10.63971
57 CO	7.23963	9.57828	13.54805	18.11213	0.71543	0.79830	5.66543	12.70474
58 CO	7.82584	10.33647	14.66587	18.63575	0.72744	0.81171	5.76055	14.76977
59 CO	8.41206	11.09466	15.78369	19.21674	0.74100	0.82684	5.86794	16.83480
60 CO	8.99827	11.85285	16.90151	19.85948	0.75619	0.84379	5.98821	18.89984
61 CO	9.58448	12.61105	18.01933	20.56893	0.77309	0.86265	6.12209	20.96487
62 CO	10.17070	13.36924	19.13715	21.35064	0.79182	0.88354	6.27036	23.02990
63 CO	10.75691	14.12743	20.25497	22.21087	0.81247	0.90659	6.43391	25.09493
64 CO	11.34313	14.88562	21.37279	23.15664	0.83518	0.93193	6.61377	27.15997
65 CO	11.92934	15.64381	22.49061	24.19587	0.86009	0.95973	6.81103	29.22500

**Table A-48
Victoria 2006 NOX Emission Rates
for Time Period 4**

	LDGV	LTGT1	LDGT2	HGCV	LDDV	LDDT	HDDV	MC
3 NOX	1.83233	2.17120	3.01374	3.62863	1.85479	2.10907	12.94486	0.89063
4 NOX	1.67480	1.98454	2.75465	3.66618	1.77668	2.02024	12.39966	0.85187
5 NOX	1.58029	1.87254	2.59919	3.70373	1.70427	1.93790	11.89429	0.81971
6 NOX	1.51728	1.79788	2.49556	3.74128	1.63713	1.86156	11.42574	0.79364
7 NOX	1.47227	1.74455	2.42153	3.77883	1.57487	1.79077	10.99124	0.77317
8 NOX	1.43851	1.70455	2.36601	3.81638	1.51714	1.72512	10.58829	0.75783
9 NOX	1.41226	1.67344	2.32283	3.85393	1.46359	1.66424	10.21461	0.74717
10 NOX	1.39125	1.64855	2.28828	3.89148	1.41395	1.60778	9.86811	0.74075
11 NOX	1.37407	1.62819	2.26002	3.92903	1.36792	1.55545	9.54692	0.73817
12 NOX	1.35975	1.61122	2.23646	3.96658	1.32528	1.50696	9.24931	0.73901
13 NOX	1.34763	1.59686	2.21653	4.00412	1.28579	1.46206	8.97371	0.74289
14 NOX	1.33724	1.58456	2.19945	4.04167	1.24925	1.42051	8.71869	0.74946
15 NOX	1.32824	1.57389	2.18464	4.07922	1.21547	1.38210	8.48295	0.75837
16 NOX	1.32037	1.56456	2.17169	4.11677	1.18429	1.34664	8.26532	0.76929
17 NOX	1.31342	1.55632	2.16026	4.15432	1.15555	1.31396	8.06472	0.78191
18 NOX	1.30724	1.54900	2.15010	4.19187	1.12910	1.28389	7.88017	0.79594
19 NOX	1.30171	1.54245	2.14101	4.22942	1.10483	1.25629	7.71078	0.81109
20 NOX	1.30456	1.53341	2.12882	4.26697	1.08262	1.23104	7.55575	0.82713
21 NOX	1.31292	1.53623	2.13316	4.30452	1.06236	1.20800	7.41436	0.84380
22 NOX	1.32053	1.53879	2.13710	4.34207	1.04396	1.18708	7.28596	0.86088
23 NOX	1.32748	1.54112	2.14069	4.37962	1.02734	1.16818	7.16995	0.87817
24 NOX	1.33384	1.54327	2.14399	4.41717	1.01242	1.15121	7.06582	0.89549
25 NOX	1.33970	1.54524	2.14702	4.45472	0.99913	1.13610	6.97309	0.91266
26 NOX	1.34510	1.54706	2.14982	4.49227	0.98742	1.12279	6.89136	0.92954
27 NOX	1.35011	1.54874	2.15242	4.52981	0.97724	1.11121	6.82027	0.94599
28 NOX	1.35476	1.55031	2.15482	4.56736	0.96853	1.10130	6.75950	0.96190
29 NOX	1.35908	1.55176	2.15707	4.60491	0.96126	1.09304	6.70879	0.97717
30 NOX	1.36312	1.55312	2.15916	4.64246	0.95541	1.08638	6.66793	0.99171
31 NOX	1.36690	1.55439	2.16112	4.68001	0.95094	1.08130	6.63673	1.00548
32 NOX	1.37044	1.55559	2.16295	4.71756	0.94783	1.07777	6.61506	1.01842
33 NOX	1.37377	1.55670	2.16467	4.75511	0.94608	1.07578	6.60283	1.03051
34 NOX	1.37690	1.55776	2.16630	4.79266	0.94568	1.07532	6.59999	1.04174
35 NOX	1.37986	1.55875	2.16783	4.83021	0.94661	1.07638	6.60653	1.05211
36 NOX	1.38265	1.55969	2.16927	4.86776	0.94890	1.07898	6.62247	1.06166
37 NOX	1.38528	1.56058	2.17064	4.90531	0.95254	1.08312	6.64789	1.07043
38 NOX	1.38778	1.56142	2.17193	4.94286	0.95755	1.08882	6.68288	1.07849
39 NOX	1.39015	1.56222	2.17316	4.98041	0.96396	1.09611	6.72760	1.08590
40 NOX	1.39241	1.56298	2.17433	5.01796	0.97179	1.10501	6.78225	1.09278
41 NOX	1.39455	1.56370	2.17544	5.05551	0.98108	1.11557	6.84706	1.09923
42 NOX	1.39659	1.56438	2.17649	5.09306	0.99186	1.12783	6.92231	1.10539
43 NOX	1.39854	1.56504	2.17750	5.13060	1.00418	1.14185	7.00833	1.11141
44 NOX	1.40039	1.56566	2.17846	5.16815	1.01811	1.15768	7.10550	1.11746
45 NOX	1.40217	1.56626	2.17938	5.20570	1.03369	1.17540	7.21425	1.12373
46 NOX	1.40387	1.56683	2.18026	5.24325	1.05100	1.19508	7.33508	1.13041
47 NOX	1.40549	1.56738	2.18110	5.28080	1.07012	1.21683	7.46853	1.13774
48 NOX	1.40705	1.56790	2.18191	5.31835	1.09114	1.24072	7.61522	1.14595
49 NOX	1.44863	1.62694	2.26438	5.35590	1.11415	1.26689	7.77582	1.18327
50 NOX	1.49022	1.68598	2.34686	5.39345	1.13927	1.29545	7.95109	1.22058
51 NOX	1.53180	1.74502	2.42934	5.43100	1.16660	1.32653	8.14186	1.25790
52 NOX	1.57339	1.80406	2.51181	5.46855	1.19629	1.36029	8.34906	1.29521
53 NOX	1.61497	1.86309	2.59429	5.50610	1.22848	1.39689	8.57370	1.33253
54 NOX	1.65656	1.92213	2.67676	5.54365	1.26332	1.43651	8.81689	1.36984
55 NOX	1.69814	1.98117	2.75924	5.58120	1.30100	1.47935	9.07986	1.40716
56 NOX	1.73973	2.04021	2.84171	5.61875	1.34171	1.52564	9.36397	1.44447
57 NOX	1.78131	2.09925	2.92419	5.65630	1.38566	1.57561	9.67068	1.48179
58 NOX	1.82290	2.15828	3.00666	5.69384	1.43308	1.62954	10.00164	1.51910
59 NOX	1.86449	2.21732	3.08914	5.73139	1.48423	1.68770	10.35862	1.55642
60 NOX	1.90607	2.27636	3.17161	5.76894	1.53939	1.75042	10.74358	1.59373
61 NOX	1.94766	2.33540	3.25409	5.80649	1.59887	1.81805	11.15869	1.63105
62 NOX	1.98924	2.39444	3.33657	5.84404	1.66300	1.89098	11.60631	1.66836
63 NOX	2.03083	2.45347	3.41904	5.88159	1.73217	1.96963	12.08904	1.70568
64 NOX	2.07241	2.51251	3.50152	5.91914	1.80678	2.05446	12.60973	1.74299
65 NOX	2.11400	2.57155	3.58399	5.95669	1.88727	2.14600	13.17155	1.78031

Table A-49
Victoria 2015 VOC Emission Rates
for Time Period 1

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 VOC	8.51097	10.16765	14.19013	13.20793	1.09706	1.49251	4.43163	10.11850
4 VOC	5.99896	7.20936	10.07170	10.12701	1.04156	1.41700	4.20741	8.58296
5 VOC	4.67655	5.63424	7.87541	8.43582	0.98973	1.34649	3.99805	7.44567
6 VOC	3.87193	4.66743	6.52571	7.32428	0.94131	1.28062	3.80246	6.58725
7 VOC	3.33492	4.01764	5.61772	6.51008	0.89605	1.21904	3.61962	5.92811
8 VOC	3.01374	3.61897	5.05561	5.97733	0.85371	1.16144	3.44860	5.41403
9 VOC	2.76957	3.31426	4.62637	5.52574	0.81409	1.10754	3.28855	5.00731
10 VOC	2.57314	3.06856	4.28116	5.12755	0.77699	1.05707	3.13870	4.68126
11 VOC	2.41143	2.86579	3.99707	4.77380	0.74224	1.00979	2.99831	4.41661
12 VOC	2.27576	2.69520	3.75882	4.45771	0.70966	0.96547	2.86672	4.19926
13 VOC	2.16012	2.54938	3.55583	4.17397	0.67912	0.92391	2.74332	4.01869
14 VOC	2.06022	2.42301	3.38054	3.91830	0.65046	0.88492	2.62754	3.86699
15 VOC	1.97291	2.31220	3.22741	3.68719	0.62355	0.84832	2.51886	3.73808
16 VOC	1.89584	2.21405	3.09230	3.47769	0.59829	0.81395	2.41681	3.62727
17 VOC	1.82718	2.12631	2.97201	3.28729	0.57455	0.78166	2.32093	3.53092
18 VOC	1.76555	2.04724	2.86408	3.11387	0.55225	0.75131	2.23082	3.44614
19 VOC	1.70983	1.97549	2.76656	2.95558	0.53127	0.72277	2.14609	3.37066
20 VOC	1.64095	1.89522	2.65494	2.81269	0.51154	0.69594	2.06640	3.30268
21 VOC	1.57100	1.82057	2.54862	2.68477	0.49298	0.67068	1.99142	3.24076
22 VOC	1.50733	1.75267	2.45192	2.56774	0.47551	0.64692	1.92085	3.18378
23 VOC	1.44912	1.69062	2.36359	2.46052	0.45907	0.62454	1.85441	3.13086
24 VOC	1.39568	1.63369	2.28258	2.36216	0.44358	0.60347	1.79185	3.08131
25 VOC	1.34645	1.58128	2.20800	2.27182	0.42899	0.58362	1.73292	3.03459
26 VOC	1.30093	1.53285	2.13913	2.18874	0.41525	0.56493	1.67740	2.99033
27 VOC	1.25872	1.48798	2.07532	2.11225	0.40230	0.54731	1.62510	2.94823
28 VOC	1.21945	1.44627	2.01603	2.04176	0.39010	0.53071	1.57581	2.90810
29 VOC	1.18284	1.40740	1.96079	1.97673	0.37860	0.51507	1.52936	2.86981
30 VOC	1.14860	1.37108	1.90920	1.91668	0.36776	0.50032	1.48558	2.83330
31 VOC	1.11651	1.33707	1.86091	1.86119	0.35755	0.48643	1.44433	2.79852
32 VOC	1.08637	1.30516	1.81560	1.80987	0.34793	0.47334	1.40546	2.76549
33 VOC	1.05801	1.27514	1.77301	1.76238	0.33886	0.46101	1.36885	2.73422
34 VOC	1.03126	1.24686	1.73290	1.71841	0.33032	0.44939	1.33435	2.70475
35 VOC	1.00598	1.22017	1.69504	1.67767	0.32228	0.43845	1.30188	2.67711
36 VOC	0.98206	1.19493	1.65927	1.63991	0.31472	0.42816	1.27131	2.65134
37 VOC	0.95939	1.17102	1.62540	1.60491	0.30760	0.41847	1.24255	2.62748
38 VOC	0.93786	1.14834	1.59328	1.57246	0.30090	0.40937	1.21552	2.60555
39 VOC	0.91738	1.12680	1.56278	1.54237	0.29462	0.40081	1.19011	2.58556
40 VOC	0.89789	1.10631	1.53379	1.51448	0.28871	0.39278	1.16627	2.56751
41 VOC	0.87930	1.08679	1.50618	1.48864	0.28318	0.38525	1.14391	2.55136
42 VOC	0.86156	1.06817	1.47987	1.46471	0.27799	0.37820	1.12296	2.53707
43 VOC	0.84459	1.05040	1.45475	1.44256	0.27314	0.37160	1.10337	2.52457
44 VOC	0.82836	1.03341	1.43076	1.42208	0.26861	0.36544	1.08507	2.51374
45 VOC	0.81281	1.01715	1.40780	1.40318	0.26439	0.35969	1.06802	2.50445
46 VOC	0.79789	1.00157	1.38583	1.38577	0.26047	0.35435	1.05216	2.49652
47 VOC	0.78358	0.98663	1.36476	1.36975	0.25682	0.34940	1.03745	2.48973
48 VOC	0.76973	0.97216	1.34435	1.35485	0.25346	0.34482	1.02385	2.48380
49 VOC	0.76638	0.96854	1.33941	1.33938	0.25035	0.34060	1.01131	2.48380
50 VOC	0.76323	0.96514	1.33475	1.32534	0.24751	0.33672	0.99981	2.48380
51 VOC	0.76026	0.96193	1.33037	1.31268	0.24491	0.33318	0.98931	2.48380
52 VOC	0.75746	0.95891	1.32624	1.30133	0.24255	0.32997	0.97978	2.48380
53 VOC	0.75481	0.95605	1.32234	1.29123	0.24042	0.32708	0.97119	2.48380
54 VOC	0.75231	0.95335	1.31865	1.28234	0.23852	0.32450	0.96353	2.48380
55 VOC	0.74994	0.95079	1.31516	1.27461	0.23685	0.32223	0.95677	2.48380
56 VOC	0.76848	0.96960	1.34235	1.26801	0.23540	0.32025	0.95089	2.55948
57 VOC	0.78713	0.98854	1.36970	1.26251	0.23416	0.31856	0.94589	2.63516
58 VOC	0.80589	1.00759	1.39722	1.25808	0.23313	0.31716	0.94173	2.71083
59 VOC	0.82475	1.02675	1.42488	1.25472	0.23231	0.31605	0.93843	2.78651
60 VOC	0.84370	1.04601	1.45269	1.25241	0.23170	0.31522	0.93595	2.86219
61 VOC	0.86274	1.06537	1.48062	1.25115	0.23129	0.31466	0.93431	2.93787
62 VOC	0.88187	1.08482	1.50868	1.25092	0.23109	0.31438	0.93348	3.01354
63 VOC	0.90107	1.10435	1.53685	1.25174	0.23109	0.31438	0.93348	3.08922
64 VOC	0.92034	1.12396	1.56513	1.25362	0.23129	0.31466	0.93431	3.16490
65 VOC	0.93968	1.14364	1.59350	1.25657	0.23170	0.31522	0.93595	3.24058

Table A-50
Victoria 2015 CO Emission Rates
for Time Period 1

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 CO	71.28481	76.00851	105.38741	70.82037	4.40297	4.87025	34.21423	140.07657
4 CO	55.96429	60.07481	83.29500	64.70552	4.05783	4.48849	31.53227	111.71400
5 CO	46.77199	50.51459	70.03955	59.24886	3.74656	4.14418	29.11349	91.24311
6 CO	40.64378	44.14110	61.20258	54.37186	3.46547	3.83326	26.92921	76.13726
7 CO	36.26649	39.58862	54.89045	50.00618	3.21131	3.55212	24.95419	64.76292
8 CO	32.98353	36.17425	50.15636	46.09234	2.98121	3.29760	23.16614	56.03831
9 CO	30.43011	33.51863	46.47430	42.57838	2.77264	3.06690	21.54539	49.23096
10 CO	28.38737	31.39414	43.52864	39.41895	2.58335	2.85752	20.07453	43.83456
11 CO	26.71605	29.65592	41.11856	36.57433	2.41138	2.66730	18.73815	39.49239
12 CO	25.32327	28.20740	39.11016	34.00973	2.25495	2.49427	17.52260	35.94862
13 CO	24.14477	26.98173	37.41074	31.69461	2.11251	2.33671	16.41576	33.01677
14 CO	23.13462	25.93116	35.95410	29.60214	1.98268	2.19310	15.40684	30.55884
15 CO	22.25917	25.02066	34.69167	27.70871	1.86421	2.06206	14.48627	28.47139
16 CO	21.49314	24.22397	33.58705	25.99351	1.75602	1.94238	13.64552	26.67597
17 CO	20.81723	23.52102	32.61238	24.43818	1.65712	1.83298	12.87698	25.11244
18 CO	20.21643	22.89617	31.74602	23.02652	1.56663	1.73290	12.17387	23.73438
19 CO	19.67887	22.33708	30.97084	21.74419	1.48379	1.64126	11.53011	22.50574
20 CO	18.84953	21.48932	29.79539	20.57850	1.40789	1.55730	10.94028	21.39839
21 CO	17.77657	20.35062	28.21657	19.51818	1.33830	1.48033	10.39954	20.39040
22 CO	16.80115	19.31545	26.78128	18.55328	1.27447	1.40973	9.90353	19.46467
23 CO	15.91055	18.37029	25.47080	17.67492	1.21589	1.34494	9.44836	18.60788
24 CO	15.09416	17.50389	24.26953	16.87523	1.16212	1.28546	9.03053	17.80978
25 CO	14.34309	16.70681	23.16435	16.14720	1.11276	1.23085	8.64691	17.06252
26 CO	13.64979	15.97104	22.14419	15.48461	1.06742	1.18071	8.29466	16.36012
27 CO	13.00784	15.28977	21.19960	14.88191	1.02581	1.13467	7.97125	15.69813
28 CO	12.41175	14.65717	20.32248	14.33418	0.98761	1.09242	7.67441	15.07327
29 CO	11.85677	14.06819	19.50585	13.83701	0.95256	1.05366	7.40208	14.48314
30 CO	11.33879	13.51848	18.74366	13.38650	0.92043	1.01812	7.15243	13.92601
31 CO	10.85423	13.00423	18.03064	12.97918	0.89101	0.98557	6.92378	13.40062
32 CO	10.39995	12.52212	17.36219	12.61197	0.86410	0.95580	6.71465	12.90610
33 CO	9.97320	12.06924	16.73425	12.28215	0.83952	0.92862	6.52370	12.44173
34 CO	9.57156	11.64299	16.14325	11.98729	0.81713	0.90386	6.34973	12.00697
35 CO	9.19287	11.24110	15.58602	11.72528	0.79679	0.88136	6.19165	11.60126
36 CO	8.83521	10.86153	15.05975	11.49425	0.77837	0.86098	6.04851	11.22405
37 CO	8.49689	10.50249	14.56192	11.29259	0.76176	0.84261	5.91944	10.87475
38 CO	8.17637	10.16234	14.09030	11.11890	0.74686	0.82613	5.80368	10.55262
39 CO	7.87230	9.83963	13.64286	10.97200	0.73359	0.81145	5.70054	10.25686
40 CO	7.58342	9.53306	13.21779	10.85089	0.72187	0.79848	5.60944	9.98648
41 CO	7.30864	9.24145	12.81346	10.75474	0.71163	0.78715	5.52985	9.74028
42 CO	7.04694	8.96371	12.42838	10.68292	0.70281	0.77740	5.46133	9.51697
43 CO	6.79741	8.69890	12.06121	10.63496	0.69536	0.76916	5.40347	9.31494
44 CO	6.55923	8.44613	11.71074	10.61053	0.68925	0.76240	5.35597	9.13240
45 CO	6.33163	8.20459	11.37584	10.60947	0.68444	0.75707	5.31855	8.96724
46 CO	6.11393	7.97355	11.05550	10.63177	0.68089	0.75315	5.29102	8.81709
47 CO	5.90549	7.75234	10.74879	10.67758	0.67860	0.75062	5.27322	8.67915
48 CO	5.70574	7.54035	10.45486	10.74722	0.67755	0.74946	5.26506	8.55033
49 CO	5.70574	7.54035	10.45486	10.84112	0.67773	0.74966	5.26648	8.55033
50 CO	5.70574	7.54035	10.45486	10.95994	0.67915	0.75123	5.27750	8.55033
51 CO	5.70574	7.54035	10.45486	11.10446	0.68181	0.75417	5.29817	8.55033
52 CO	5.70574	7.54035	10.45486	11.27566	0.68573	0.75851	5.32862	8.55033
53 CO	5.70574	7.54035	10.45486	11.47472	0.69093	0.76425	5.36900	8.55033
54 CO	5.70574	7.54035	10.45486	11.70302	0.69743	0.77145	5.41954	8.55033
55 CO	5.70574	7.54035	10.45486	11.96214	0.70528	0.78013	5.48053	8.55033
56 CO	6.22817	8.14939	11.29931	12.25393	0.71452	0.79035	5.55230	10.60950
57 CO	6.75060	8.75843	12.14375	12.58048	0.72519	0.80215	5.63525	12.66867
58 CO	7.27304	9.36747	12.98820	12.94419	0.73737	0.81562	5.72986	14.72784
59 CO	7.79547	9.97651	13.83265	13.34774	0.75111	0.83083	5.83668	16.78701
60 CO	8.31790	10.58555	14.67710	13.79418	0.76651	0.84786	5.95631	18.84618
61 CO	8.84033	11.19459	15.52154	14.28695	0.78364	0.86681	6.08947	20.90535
62 CO	9.36277	11.80364	16.36599	14.82992	0.80262	0.88780	6.23695	22.96451
63 CO	9.88520	12.41267	17.21044	15.42743	0.82356	0.91096	6.39964	25.02369
64 CO	10.40763	13.02172	18.05488	16.08435	0.84658	0.93643	6.57853	27.08286
65 CO	10.93006	13.63076	18.89933	16.80618	0.87183	0.96436	6.77474	29.14202

**Table A-51
Victoria 2015 NOX Emission Rates
for Time Period 1**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	1.78614	2.10071	2.93133	3.21002	1.84594	2.08224	11.22436	0.89199
4 NOX	1.63258	1.92011	2.67932	3.24324	1.76819	1.99454	10.75162	0.85317
5 NOX	1.54045	1.81175	2.52812	3.27646	1.69613	1.91325	10.31342	0.82096
6 NOX	1.47902	1.73951	2.42731	3.30967	1.62931	1.83789	9.90715	0.79485
7 NOX	1.43515	1.68791	2.35531	3.34289	1.56735	1.76799	9.53040	0.77435
8 NOX	1.40225	1.64921	2.30131	3.37611	1.50989	1.70318	9.18100	0.75899
9 NOX	1.37665	1.61911	2.25931	3.40933	1.45661	1.64307	8.85699	0.74831
10 NOX	1.35618	1.59503	2.22571	3.44254	1.40720	1.58733	8.55654	0.74188
11 NOX	1.33943	1.57533	2.19822	3.47576	1.36139	1.53567	8.27804	0.73929
12 NOX	1.32547	1.55891	2.17531	3.50898	1.31895	1.48780	8.01998	0.74013
13 NOX	1.31366	1.54502	2.15592	3.54220	1.27965	1.44346	7.78101	0.74403
14 NOX	1.30353	1.53311	2.13930	3.57541	1.24329	1.40244	7.55989	0.75061
15 NOX	1.29476	1.52279	2.12490	3.60863	1.20967	1.36452	7.35549	0.75953
16 NOX	1.28708	1.51376	2.11230	3.64185	1.17864	1.32952	7.16678	0.77047
17 NOX	1.28031	1.50579	2.10119	3.67507	1.15003	1.29725	6.99284	0.78310
18 NOX	1.27428	1.49871	2.09130	3.70828	1.12371	1.26756	6.83281	0.79715
19 NOX	1.26890	1.49237	2.08246	3.74150	1.09956	1.24032	6.68594	0.81233
20 NOX	1.27189	1.48250	2.06869	3.77472	1.07745	1.21538	6.55152	0.82839
21 NOX	1.28003	1.48420	2.07106	3.80794	1.05729	1.19264	6.42892	0.84508
22 NOX	1.28743	1.48575	2.07322	3.84115	1.03898	1.17198	6.31758	0.86219
23 NOX	1.29418	1.48716	2.07519	3.87437	1.02244	1.15332	6.21699	0.87951
24 NOX	1.30037	1.48846	2.07699	3.90759	1.00759	1.13657	6.12670	0.89685
25 NOX	1.30606	1.48965	2.07866	3.94081	0.99436	1.12166	6.04630	0.91405
26 NOX	1.31132	1.49075	2.08019	3.97402	0.98271	1.10851	5.97543	0.93096
27 NOX	1.31619	1.49176	2.08161	4.00724	0.97257	1.09707	5.91379	0.94743
28 NOX	1.32071	1.49271	2.08293	4.04046	0.96391	1.08730	5.86109	0.96336
29 NOX	1.32492	1.49359	2.08416	4.07368	0.95668	1.07914	5.81713	0.97865
30 NOX	1.32884	1.49441	2.08530	4.10689	0.95085	1.07257	5.78169	0.99322
31 NOX	1.33252	1.49518	2.08637	4.14011	0.94640	1.06755	5.75464	1.00701
32 NOX	1.33596	1.49590	2.08738	4.17333	0.94331	1.06406	5.73585	1.01997
33 NOX	1.33920	1.49657	2.08832	4.20655	0.94157	1.06210	5.72525	1.03208
34 NOX	1.34224	1.49721	2.08921	4.23976	0.94116	1.06164	5.72279	1.04332
35 NOX	1.34512	1.49781	2.09005	4.27298	0.94209	1.06269	5.72846	1.05372
36 NOX	1.34783	1.49838	2.09084	4.30620	0.94437	1.06526	5.74228	1.06328
37 NOX	1.35039	1.49892	2.09159	4.33942	0.94799	1.06934	5.76431	1.07207
38 NOX	1.35282	1.49942	2.09230	4.37263	0.95298	1.07497	5.79466	1.08013
39 NOX	1.35513	1.49991	2.09297	4.40585	0.95936	1.08217	5.83344	1.08756
40 NOX	1.35732	1.50036	2.09361	4.43907	0.96715	1.09096	5.88082	1.09445
41 NOX	1.35940	1.50080	2.09422	4.47229	0.97639	1.10138	5.93701	1.10091
42 NOX	1.36139	1.50121	2.09480	4.50550	0.98712	1.11349	6.00226	1.10708
43 NOX	1.36328	1.50161	2.09535	4.53872	0.99939	1.12732	6.07685	1.11311
44 NOX	1.36509	1.50199	2.09588	4.57194	1.01325	1.14295	6.16111	1.11917
45 NOX	1.36681	1.50235	2.09638	4.60516	1.02875	1.16045	6.25541	1.12544
46 NOX	1.36846	1.50269	2.09686	4.63837	1.04598	1.17988	6.36018	1.13214
47 NOX	1.37004	1.50302	2.09732	4.67159	1.06501	1.20135	6.47589	1.13948
48 NOX	1.37156	1.50334	2.09776	4.70481	1.08593	1.22494	6.60308	1.14770
49 NOX	1.41081	1.55908	2.17554	4.73803	1.10883	1.25078	6.74233	1.18507
50 NOX	1.45007	1.61482	2.25332	4.77124	1.13383	1.27897	6.89431	1.22244
51 NOX	1.48932	1.67055	2.33109	4.80446	1.16103	1.30966	7.05973	1.25981
52 NOX	1.52858	1.72629	2.40887	4.83768	1.19058	1.34299	7.23939	1.29719
53 NOX	1.56783	1.78203	2.48665	4.87090	1.22261	1.37912	7.43417	1.33456
54 NOX	1.60709	1.83777	2.56442	4.90411	1.25729	1.41824	7.64503	1.37193
55 NOX	1.64635	1.89350	2.64220	4.93733	1.29479	1.46054	7.87306	1.40930
56 NOX	1.68560	1.94924	2.71997	4.97055	1.33530	1.50624	8.11940	1.44667
57 NOX	1.72486	2.00498	2.79775	5.00377	1.37904	1.55558	8.38535	1.48405
58 NOX	1.76411	2.06072	2.87553	5.03698	1.42624	1.60881	8.67232	1.52142
59 NOX	1.80337	2.11645	2.95330	5.07020	1.47714	1.66623	8.98185	1.55879
60 NOX	1.84262	2.17219	3.03108	5.10342	1.53204	1.72816	9.31565	1.59616
61 NOX	1.88188	2.22793	3.10886	5.13664	1.59123	1.79493	9.67559	1.63353
62 NOX	1.92113	2.28367	3.18663	5.16985	1.65506	1.86693	10.06371	1.67091
63 NOX	1.96039	2.33940	3.26441	5.20307	1.72390	1.94458	10.48228	1.70828
64 NOX	1.99965	2.39514	3.34219	5.23629	1.79815	2.02834	10.93377	1.74565
65 NOX	2.03890	2.45088	3.41996	5.26951	1.87827	2.11871	11.42092	1.78302

**Table A-52
Victoria 2015 VOC Emission Rates
for Time Period 2**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 VOC	10.79028	12.28465	17.17440	17.82631	1.09706	1.49251	4.43163	11.08929
4 VOC	7.35403	8.40844	11.76362	13.00490	1.04156	1.41700	4.20741	9.56763
5 VOC	5.59319	6.41008	8.97011	10.48689	0.98973	1.34649	3.99805	8.44061
6 VOC	4.54468	5.21425	7.29651	8.91262	0.94131	1.28062	3.80246	7.58994
7 VOC	3.85715	4.42689	6.19352	7.81002	0.89605	1.21904	3.61962	6.93676
8 VOC	3.47701	3.97581	5.55672	7.15688	0.85371	1.16144	3.44860	6.42732
9 VOC	3.18984	3.63504	5.07577	6.61606	0.81409	1.10754	3.28855	6.02428
10 VOC	2.95742	3.36102	4.68968	6.14332	0.77699	1.05707	3.13870	5.70117
11 VOC	2.76483	3.13556	4.37260	5.72590	0.74224	1.00979	2.99831	5.43892
12 VOC	2.60209	2.94650	4.10727	5.35452	0.70966	0.96547	2.86672	5.23533
13 VOC	2.46233	2.78546	3.88175	5.02206	0.67912	0.92391	2.74332	5.04460
14 VOC	2.34062	2.64642	3.68751	4.72296	0.65046	0.88492	2.62754	4.89426
15 VOC	2.23335	2.52499	3.51829	4.45273	0.62355	0.84832	2.51886	4.76652
16 VOC	2.13781	2.41787	3.36940	4.20769	0.59829	0.81395	2.41681	4.65671
17 VOC	2.05193	2.32252	3.23725	3.98476	0.57455	0.78166	2.32093	4.56123
18 VOC	1.97410	2.23700	3.11905	3.78136	0.55225	0.75131	2.23082	4.47722
19 VOC	1.90305	2.15974	3.01261	3.59526	0.53127	0.72277	2.14609	4.40242
20 VOC	1.82235	2.07362	2.89206	3.42942	0.51154	0.69594	2.06640	4.33505
21 VOC	1.74547	1.99222	2.77627	3.28464	0.49298	0.67068	1.99142	4.27369
22 VOC	1.67544	1.91817	2.67095	3.15219	0.47551	0.64692	1.92085	4.21723
23 VOC	1.61134	1.85051	2.57476	3.03081	0.45907	0.62454	1.85441	4.16479
24 VOC	1.55245	1.78844	2.48653	2.91941	0.44358	0.60347	1.79185	4.11568
25 VOC	1.49814	1.73130	2.40532	2.81700	0.42899	0.58362	1.73292	4.06939
26 VOC	1.44787	1.67851	2.33033	2.72275	0.41525	0.56493	1.67740	4.02553
27 VOC	1.40121	1.62960	2.26085	2.63587	0.40230	0.54731	1.62510	3.98381
28 VOC	1.35775	1.58413	2.19629	2.55571	0.39010	0.53071	1.57581	3.94404
29 VOC	1.31718	1.54177	2.13616	2.48164	0.37860	0.51507	1.52936	3.90610
30 VOC	1.27920	1.50219	2.07999	2.41314	0.36776	0.50032	1.48558	3.86991
31 VOC	1.24357	1.46514	2.02742	2.34972	0.35755	0.48643	1.44433	3.83545
32 VOC	1.21005	1.43036	1.97811	2.29095	0.34793	0.47334	1.40546	3.80272
33 VOC	1.17847	1.39766	1.93175	2.23645	0.33886	0.46101	1.36885	3.77173
34 VOC	1.14864	1.36686	1.88809	2.18586	0.33032	0.44939	1.33435	3.74252
35 VOC	1.12043	1.33778	1.84689	2.13887	0.32228	0.43845	1.30188	3.71514
36 VOC	1.09369	1.31029	1.80796	2.09520	0.31472	0.42816	1.27131	3.68960
37 VOC	1.06830	1.28425	1.77110	2.05460	0.30760	0.41847	1.24255	3.66596
38 VOC	1.04416	1.25956	1.73616	2.01683	0.30090	0.40937	1.21552	3.64423
39 VOC	1.02117	1.23611	1.70298	1.98169	0.29462	0.40081	1.19011	3.62442
40 VOC	0.99925	1.21380	1.67144	1.94899	0.28871	0.39278	1.16627	3.60652
41 VOC	0.97832	1.19255	1.64141	1.91857	0.28318	0.38525	1.14391	3.59052
42 VOC	0.95830	1.17229	1.61278	1.89027	0.27799	0.37820	1.12296	3.57636
43 VOC	0.93913	1.15295	1.58547	1.86395	0.27314	0.37160	1.10337	3.56397
44 VOC	0.92077	1.13446	1.55937	1.83948	0.26861	0.36544	1.08507	3.55324
45 VOC	0.90314	1.11677	1.53441	1.81676	0.26439	0.35969	1.06802	3.54404
46 VOC	0.88620	1.09983	1.51052	1.79569	0.26047	0.35435	1.05216	3.53618
47 VOC	0.86992	1.08358	1.48761	1.77617	0.25682	0.34940	1.03745	3.52945
48 VOC	0.85413	1.06774	1.46528	1.75778	0.25346	0.34482	1.02385	3.52357
49 VOC	0.84872	1.06186	1.45717	1.73791	0.25035	0.34060	1.01131	3.52357
50 VOC	0.84363	1.05632	1.44954	1.71976	0.24751	0.33672	0.99981	3.52357
51 VOC	0.83883	1.05111	1.44236	1.70324	0.24491	0.33318	0.98931	3.52357
52 VOC	0.83431	1.04619	1.43559	1.68828	0.24255	0.32997	0.97978	3.52357
53 VOC	0.83004	1.04155	1.42919	1.67480	0.24042	0.32708	0.97119	3.52357
54 VOC	0.82600	1.03716	1.42315	1.66274	0.23852	0.32450	0.96353	3.52357
55 VOC	0.82218	1.03301	1.41743	1.65205	0.23685	0.32223	0.95677	3.52357
56 VOC	0.83945	1.05043	1.44267	1.64267	0.23540	0.32025	0.95089	3.59857
57 VOC	0.85691	1.06805	1.46820	1.63457	0.23416	0.31856	0.94589	3.67356
58 VOC	0.87454	1.08585	1.49399	1.62771	0.23313	0.31716	0.94173	3.74855
59 VOC	0.89233	1.10384	1.52002	1.62208	0.23231	0.31605	0.93843	3.82355
60 VOC	0.91028	1.12199	1.54629	1.61765	0.23170	0.31522	0.93595	3.89854
61 VOC	0.92837	1.14030	1.57276	1.61440	0.23129	0.31466	0.93431	3.97354
62 VOC	0.94659	1.15875	1.59944	1.61233	0.23109	0.31438	0.93348	4.04853
63 VOC	0.96494	1.17734	1.62631	1.61144	0.23109	0.31438	0.93348	4.12352
64 VOC	0.98340	1.19605	1.65335	1.61174	0.23129	0.31466	0.93431	4.19852
65 VOC	1.00198	1.21489	1.68055	1.61323	0.23170	0.31522	0.93595	4.27351

**Table A-53
Victoria 2015 CO Emission Rates
for Time Period 2**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 CO	72.37585	77.16229	106.95932	79.03186	4.40297	4.87025	34.21423	166.05774
4 CO	56.82084	60.98672	84.53738	72.20801	4.05783	4.48849	31.53227	132.43452
5 CO	47.48785	51.28138	71.08423	66.11865	3.74656	4.14418	29.11349	108.16673
6 CO	41.26585	44.81115	62.11544	60.67616	3.46547	3.83326	26.92921	90.25908
7 CO	36.82156	40.18956	55.70918	55.80431	3.21131	3.55212	24.95419	76.77505
8 CO	33.48834	36.72336	50.90447	51.43665	2.98121	3.29760	23.16614	66.43221
9 CO	30.89585	34.02744	47.16748	47.51526	2.77264	3.06690	21.54539	58.36223
10 CO	28.82184	31.87069	44.17789	43.98951	2.58335	2.85752	20.07453	51.96492
11 CO	27.12494	30.10608	41.73186	40.81506	2.41138	2.66730	18.73815	46.81738
12 CO	25.71084	28.63558	39.69350	37.95309	2.25495	2.49427	17.52260	42.61632
13 CO	24.51431	27.39130	37.96874	35.36954	2.11251	2.33671	16.41576	39.14066
14 CO	23.48870	26.32478	36.49037	33.03445	1.98268	2.19310	15.40684	36.22684
15 CO	22.59985	25.40046	35.20912	30.92148	1.86421	2.06206	14.48627	33.75222
16 CO	21.82210	24.59168	34.08802	29.00740	1.75602	1.94238	13.64552	31.62378
17 CO	21.13585	23.87806	33.09882	27.27174	1.65712	1.83298	12.87698	29.77026
18 CO	20.52585	23.24372	32.21952	25.69640	1.56663	1.73290	12.17387	28.13659
19 CO	19.98006	22.67616	31.43279	24.26539	1.48379	1.64126	11.53011	26.68007
20 CO	19.13803	21.81551	30.23980	22.96453	1.40789	1.55730	10.94028	25.36733
21 CO	18.04864	20.65954	28.63744	21.78128	1.33830	1.48033	10.39954	24.17238
22 CO	17.05829	19.60865	27.18074	20.70450	1.27447	1.40973	9.90353	23.07494
23 CO	16.15406	18.64915	25.85071	19.72429	1.21589	1.34494	9.44836	22.05924
24 CO	15.32518	17.76960	24.63151	18.83187	1.16212	1.28546	9.03053	21.11311
25 CO	14.56261	16.96042	23.50986	18.01944	1.11276	1.23085	8.64691	20.22725
26 CO	13.85870	16.21348	22.47448	17.28002	1.06742	1.18071	8.29466	19.39457
27 CO	13.20693	15.52187	21.51580	16.60744	1.02581	1.13467	7.97125	18.60980
28 CO	12.60172	14.87966	20.62560	15.99620	0.98761	1.09242	7.67441	17.86904
29 CO	12.03824	14.28174	19.79678	15.44138	0.95256	1.05366	7.40208	17.16945
30 CO	11.51233	13.72369	19.02323	14.93864	0.92043	1.01812	7.15243	16.50898
31 CO	11.02035	13.20163	18.29958	14.48409	0.89101	0.98557	6.92378	15.88615
32 CO	10.55912	12.71221	17.62116	14.07431	0.86410	0.95580	6.71465	15.29991
33 CO	10.12584	12.25244	16.98385	13.70624	0.83952	0.92862	6.52370	14.74941
34 CO	9.71805	11.81973	16.38404	13.37719	0.81713	0.90386	6.34973	14.23401
35 CO	9.33356	11.41173	15.81849	13.08480	0.79679	0.88136	6.19165	13.75304
36 CO	8.97044	11.02641	15.28437	12.82699	0.77837	0.86098	6.04851	13.30587
37 CO	8.62694	10.66191	14.77912	12.60194	0.76176	0.84261	5.91944	12.89178
38 CO	8.30152	10.31660	14.30046	12.40812	0.74686	0.82613	5.80368	12.50991
39 CO	7.99278	9.98899	13.84635	12.24418	0.73359	0.81145	5.70054	12.15929
40 CO	7.69949	9.67777	13.41494	12.10903	0.72187	0.79848	5.60944	11.83875
41 CO	7.42050	9.38173	13.00458	12.00173	0.71163	0.78715	5.52985	11.54689
42 CO	7.15480	9.09978	12.61376	11.92159	0.70281	0.77740	5.46133	11.28216
43 CO	6.90145	8.83095	12.24111	11.86806	0.69536	0.76916	5.40347	11.04266
44 CO	6.65962	8.57434	11.88541	11.84080	0.68925	0.76240	5.35597	10.82626
45 CO	6.42854	8.32913	11.54551	11.83961	0.68444	0.75707	5.31855	10.63047
46 CO	6.20751	8.09459	11.22039	11.86450	0.68089	0.75315	5.29102	10.45246
47 CO	5.99588	7.87002	10.90911	11.91563	0.67860	0.75062	5.27322	10.28895
48 CO	5.79307	7.65481	10.61080	11.99334	0.67755	0.74946	5.26506	10.13623
49 CO	5.79307	7.65481	10.61080	12.09813	0.67773	0.74966	5.26648	10.13623
50 CO	5.79307	7.65481	10.61080	12.23072	0.67915	0.75123	5.27750	10.13623
51 CO	5.79307	7.65481	10.61080	12.39200	0.68181	0.75417	5.29817	10.13623
52 CO	5.79307	7.65481	10.61080	12.58306	0.68573	0.75851	5.32862	10.13623
53 CO	5.79307	7.65481	10.61080	12.80520	0.69093	0.76425	5.36900	10.13623
54 CO	5.79307	7.65481	10.61080	13.05996	0.69743	0.77145	5.41954	10.13623
55 CO	5.79307	7.65481	10.61080	13.34913	0.70528	0.78013	5.48053	10.13623
56 CO	6.32349	8.27310	11.46784	13.67475	0.71452	0.79035	5.55230	12.57733
57 CO	6.85392	8.89138	12.32488	14.03917	0.72519	0.80215	5.63525	15.01843
58 CO	7.38435	9.50967	13.18193	14.44504	0.73737	0.81562	5.72986	17.45953
59 CO	7.91478	10.12795	14.03897	14.89538	0.75111	0.83083	5.83668	19.90064
60 CO	8.44521	10.74624	14.89601	15.39359	0.76651	0.84786	5.95631	22.34174
61 CO	8.97564	11.36452	15.75306	15.94350	0.78364	0.86681	6.08947	24.78284
62 CO	9.50607	11.98281	16.61010	16.54942	0.80262	0.88780	6.23695	27.22393
63 CO	10.03649	12.60110	17.46714	17.21621	0.82356	0.91096	6.39964	29.66504
64 CO	10.56692	13.21938	18.32418	17.94930	0.84658	0.93643	6.57853	32.10614
65 CO	11.09735	13.83767	19.18122	18.75483	0.87183	0.96436	6.77474	34.54724

**Table A-54
Victoria 2015 NOX Emission Rates
for Time Period 2**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	1.80906	2.12798	2.97029	3.25512	1.84594	2.08224	11.22436	0.82343
4 NOX	1.65354	1.94504	2.71494	3.28880	1.76819	1.99454	10.75162	0.78760
5 NOX	1.56022	1.83527	2.56172	3.32249	1.69613	1.91325	10.31342	0.75786
6 NOX	1.49801	1.76209	2.45958	3.35617	1.62931	1.83789	9.90715	0.73376
7 NOX	1.45358	1.70982	2.38662	3.38986	1.56735	1.76799	9.53040	0.71483
8 NOX	1.42025	1.67062	2.33190	3.42354	1.50989	1.70318	9.18100	0.70065
9 NOX	1.39433	1.64013	2.28934	3.45723	1.45661	1.64307	8.85699	0.69079
10 NOX	1.37359	1.61574	2.25529	3.49091	1.40720	1.58733	8.55654	0.68486
11 NOX	1.35662	1.59578	2.22743	3.52459	1.36139	1.53567	8.27804	0.68247
12 NOX	1.34248	1.57915	2.20422	3.55828	1.31895	1.48780	8.01998	0.68324
13 NOX	1.33052	1.56508	2.18458	3.59196	1.27965	1.44346	7.78101	0.68684
14 NOX	1.32027	1.55301	2.16774	3.62565	1.24329	1.40244	7.55989	0.69291
15 NOX	1.31138	1.54256	2.15315	3.65933	1.20967	1.36452	7.35549	0.70115
16 NOX	1.30360	1.53341	2.14038	3.69302	1.17864	1.32952	7.16678	0.71125
17 NOX	1.29674	1.52534	2.12911	3.72670	1.15003	1.29725	6.99284	0.72291
18 NOX	1.29064	1.51817	2.11910	3.76038	1.12371	1.26756	6.83281	0.73588
19 NOX	1.28519	1.51175	2.11014	3.79407	1.09956	1.24032	6.68594	0.74989
20 NOX	1.28822	1.50175	2.09618	3.82775	1.07745	1.21538	6.55152	0.76472
21 NOX	1.29646	1.50347	2.09859	3.86144	1.05729	1.19264	6.42892	0.78013
22 NOX	1.30395	1.50504	2.10077	3.89512	1.03898	1.17198	6.31758	0.79592
23 NOX	1.31079	1.50647	2.10277	3.92880	1.02244	1.15332	6.21699	0.81191
24 NOX	1.31706	1.50778	2.10460	3.96249	1.00759	1.13657	6.12670	0.82792
25 NOX	1.32283	1.50899	2.10628	3.99617	0.99436	1.12166	6.04630	0.84380
26 NOX	1.32815	1.51010	2.10784	4.02986	0.98271	1.10851	5.97543	0.85940
27 NOX	1.33308	1.51113	2.10928	4.06354	0.97257	1.09707	5.91379	0.87461
28 NOX	1.33766	1.51209	2.11061	4.09723	0.96391	1.08730	5.86109	0.88932
29 NOX	1.34192	1.51298	2.11186	4.13091	0.95668	1.07914	5.81713	0.90343
30 NOX	1.34590	1.51381	2.11302	4.16459	0.95085	1.07257	5.78169	0.91688
31 NOX	1.34962	1.51459	2.11411	4.19828	0.94640	1.06755	5.75464	0.92961
32 NOX	1.35311	1.51532	2.11512	4.23196	0.94331	1.06406	5.73585	0.94158
33 NOX	1.35639	1.51600	2.11608	4.26565	0.94157	1.06210	5.72525	0.95275
34 NOX	1.35947	1.51665	2.11698	4.29933	0.94116	1.06164	5.72279	0.96313
35 NOX	1.36238	1.51726	2.11783	4.33302	0.94209	1.06269	5.72846	0.97273
36 NOX	1.36513	1.51783	2.11863	4.36670	0.94437	1.06526	5.74228	0.98156
37 NOX	1.36773	1.51837	2.11939	4.40038	0.94799	1.06934	5.76431	0.98967
38 NOX	1.37019	1.51889	2.12011	4.43407	0.95298	1.07497	5.79466	0.99711
39 NOX	1.37253	1.51938	2.12079	4.46775	0.95936	1.08217	5.83344	1.00397
40 NOX	1.37474	1.51984	2.12144	4.50144	0.96715	1.09096	5.88082	1.01032
41 NOX	1.37685	1.52028	2.12205	4.53512	0.97639	1.10138	5.93701	1.01629
42 NOX	1.37886	1.52070	2.12264	4.56880	0.98712	1.11349	6.00226	1.02199
43 NOX	1.38078	1.52110	2.12320	4.60249	0.99939	1.12732	6.07685	1.02755
44 NOX	1.38261	1.52149	2.12373	4.63617	1.01325	1.14295	6.16111	1.03315
45 NOX	1.38436	1.52185	2.12424	4.66986	1.02875	1.16045	6.25541	1.03894
46 NOX	1.38603	1.52220	2.12473	4.70354	1.04598	1.17988	6.36018	1.04512
47 NOX	1.38763	1.52254	2.12520	4.73723	1.06501	1.20135	6.47589	1.05189
48 NOX	1.38916	1.52286	2.12565	4.77091	1.08593	1.22494	6.60308	1.05948
49 NOX	1.42892	1.57932	2.20446	4.80459	1.10883	1.25078	6.74233	1.09398
50 NOX	1.46868	1.63578	2.28327	4.83828	1.13383	1.27897	6.89431	1.12848
51 NOX	1.50844	1.69224	2.36208	4.87196	1.16103	1.30966	7.05973	1.16298
52 NOX	1.54820	1.74870	2.44089	4.90565	1.19058	1.34299	7.23939	1.19748
53 NOX	1.58796	1.80516	2.51970	4.93933	1.22261	1.37912	7.43417	1.23198
54 NOX	1.62772	1.86162	2.59851	4.97302	1.25729	1.41824	7.64503	1.26648
55 NOX	1.66748	1.91809	2.67732	5.00670	1.29479	1.46054	7.87306	1.30098
56 NOX	1.70724	1.97455	2.75613	5.04038	1.33530	1.50624	8.11940	1.33548
57 NOX	1.74700	2.03101	2.83494	5.07407	1.37904	1.55558	8.38535	1.36998
58 NOX	1.78676	2.08747	2.91375	5.10775	1.42624	1.60881	8.67232	1.40448
59 NOX	1.82652	2.14393	2.99256	5.14144	1.47714	1.66623	8.98185	1.43898
60 NOX	1.86628	2.20039	3.07137	5.17512	1.53204	1.72816	9.31565	1.47348
61 NOX	1.90604	2.25685	3.15018	5.20881	1.59123	1.79493	9.67559	1.50798
62 NOX	1.94580	2.31331	3.22899	5.24249	1.65506	1.86693	10.06371	1.54248
63 NOX	1.98556	2.36977	3.30780	5.27617	1.72390	1.94458	10.48228	1.57698
64 NOX	2.02532	2.42624	3.38661	5.30986	1.79815	2.02834	10.93377	1.61148
65 NOX	2.06507	2.48270	3.46542	5.34354	1.87827	2.11871	11.42092	1.64597

**Table A-55
Victoria 2015 VOC Emission Rates
for Time Period 3**

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 VOC	11.10907	12.57207	17.57996	18.44342	1.09706	1.49251	4.43163	11.19793
4 VOC	7.54741	8.57360	11.99660	13.38759	1.04156	1.41700	4.20741	9.67727
5 VOC	5.72633	6.51845	9.12282	10.75793	0.98973	1.34649	3.99805	8.55100
6 VOC	4.64390	5.29165	7.40541	9.12106	0.94131	1.28062	3.80246	7.70090
7 VOC	3.93521	4.48556	6.27588	7.97945	0.89605	1.21904	3.61962	7.04814
8 VOC	3.54656	4.02717	5.62865	7.31018	0.85371	1.16144	3.44860	6.53904
9 VOC	3.25307	3.68130	5.14040	6.75739	0.81409	1.10754	3.28855	6.13627
10 VOC	3.01527	3.40324	4.74852	6.27457	0.77699	1.05707	3.13870	5.81337
11 VOC	2.81797	3.17451	4.42673	5.84850	0.74224	1.00979	2.99831	5.55129
12 VOC	2.65106	2.98277	4.15751	5.46952	0.70966	0.96547	2.86672	5.33605
13 VOC	2.50752	2.81948	3.92872	5.13032	0.67912	0.92391	2.74332	5.15723
14 VOC	2.38234	2.67855	3.73171	4.82515	0.65046	0.88492	2.62754	5.00700
15 VOC	2.27185	2.55551	3.56011	4.54940	0.62355	0.84832	2.51886	4.87934
16 VOC	2.17330	2.44700	3.40917	4.29929	0.59829	0.81395	2.41681	4.76961
17 VOC	2.08457	2.35046	3.27523	4.07168	0.57455	0.78166	2.32093	4.67419
18 VOC	2.00403	2.26389	3.15547	3.86391	0.55225	0.75131	2.23082	4.59023
19 VOC	1.93040	2.18572	3.04764	3.67372	0.53127	0.72277	2.14609	4.51548
20 VOC	1.84775	2.09868	2.92573	3.50464	0.51154	0.69594	2.06640	4.44815
21 VOC	1.76988	2.01631	2.80857	3.35772	0.49298	0.67068	1.99142	4.38684
22 VOC	1.69892	1.94137	2.70201	3.22331	0.47551	0.64692	1.92085	4.33041
23 VOC	1.63398	1.87290	2.60467	3.10013	0.45907	0.62454	1.85441	4.27801
24 VOC	1.57430	1.81009	2.51540	2.98706	0.44358	0.60347	1.79185	4.22893
25 VOC	1.51925	1.75226	2.43323	2.88312	0.42899	0.58362	1.73292	4.18267
26 VOC	1.46830	1.69883	2.35734	2.78743	0.41525	0.56493	1.67740	4.13883
27 VOC	1.42098	1.64932	2.28704	2.69923	0.40230	0.54731	1.62510	4.09714
28 VOC	1.37692	1.60331	2.22171	2.61782	0.39010	0.53071	1.57581	4.05740
29 VOC	1.33577	1.56043	2.16086	2.54259	0.37860	0.51507	1.52936	4.01949
30 VOC	1.29724	1.52038	2.10403	2.47299	0.36776	0.50032	1.48558	3.98332
31 VOC	1.26108	1.48287	2.05083	2.40855	0.35755	0.48643	1.44433	3.94889
32 VOC	1.22707	1.44767	2.00092	2.34881	0.34793	0.47334	1.40546	3.91618
33 VOC	1.19501	1.41457	1.95401	2.29339	0.33886	0.46101	1.36885	3.88521
34 VOC	1.16473	1.38339	1.90983	2.24194	0.33032	0.44939	1.33435	3.85602
35 VOC	1.13608	1.35396	1.86814	2.19413	0.32228	0.43845	1.30188	3.82865
36 VOC	1.10892	1.32613	1.82873	2.14968	0.31472	0.42816	1.27131	3.80313
37 VOC	1.08312	1.29977	1.79143	2.10834	0.30760	0.41847	1.24255	3.77950
38 VOC	1.05860	1.27477	1.75607	2.06987	0.30090	0.40937	1.21552	3.75779
39 VOC	1.03523	1.25103	1.72249	2.03406	0.29462	0.40081	1.19011	3.73799
40 VOC	1.01294	1.22844	1.69056	2.00072	0.28871	0.39278	1.16627	3.72011
41 VOC	0.99166	1.20693	1.66017	1.96968	0.28318	0.38525	1.14391	3.70412
42 VOC	0.97130	1.18642	1.63120	1.94079	0.27799	0.37820	1.12296	3.68997
43 VOC	0.95180	1.16684	1.60355	1.91390	0.27314	0.37160	1.10337	3.67759
44 VOC	0.93311	1.14812	1.57713	1.88890	0.26861	0.36544	1.08507	3.66686
45 VOC	0.91517	1.13020	1.55187	1.86566	0.26439	0.35969	1.06802	3.65767
46 VOC	0.89792	1.11305	1.52768	1.84409	0.26047	0.35435	1.05216	3.64981
47 VOC	0.88134	1.09660	1.50450	1.82409	0.25682	0.34940	1.03745	3.64308
48 VOC	0.86526	1.08054	1.48187	1.80522	0.25346	0.34482	1.02385	3.63721
49 VOC	0.85958	1.07436	1.47335	1.78477	0.25035	0.34060	1.01131	3.63721
50 VOC	0.85424	1.06855	1.46533	1.76609	0.24751	0.33672	0.99981	3.63721
51 VOC	0.84921	1.06308	1.45778	1.74907	0.24491	0.33318	0.98931	3.63721
52 VOC	0.84446	1.05792	1.45066	1.73364	0.24255	0.32997	0.97978	3.63721
53 VOC	0.83998	1.05305	1.44394	1.71971	0.24042	0.32708	0.97119	3.63721
54 VOC	0.83574	1.04844	1.43759	1.70724	0.23852	0.32450	0.96353	3.63721
55 VOC	0.83174	1.04408	1.43158	1.69616	0.23685	0.32223	0.95677	3.63721
56 VOC	0.84887	1.06134	1.45661	1.68641	0.23540	0.32025	0.95089	3.71216
57 VOC	0.86619	1.07881	1.48194	1.67797	0.23416	0.31856	0.94589	3.78710
58 VOC	0.88370	1.09648	1.50754	1.67080	0.23313	0.31716	0.94173	3.86205
59 VOC	0.90138	1.11434	1.53339	1.66486	0.23231	0.31605	0.93843	3.93699
60 VOC	0.91922	1.13237	1.55949	1.66015	0.23170	0.31522	0.93595	4.01194
61 VOC	0.93721	1.15057	1.58582	1.65663	0.23129	0.31466	0.93431	4.08688
62 VOC	0.95534	1.16892	1.61235	1.65432	0.23109	0.31438	0.93348	4.16182
63 VOC	0.97360	1.18741	1.63908	1.65320	0.23109	0.31438	0.93348	4.23677
64 VOC	0.99199	1.20603	1.66599	1.65328	0.23129	0.31466	0.93431	4.31171
65 VOC	1.01049	1.22478	1.69308	1.65457	0.23170	0.31522	0.93595	4.38666

**Table A-56
Victoria 2015 CO Emission Rates
for Time Period 3**

	LDGV	LTGT1	LDGT2	HGCV	LDDV	LDDT	HDDV	MC
3 CO	72.47105	77.26297	107.09589	79.93674	4.40297	4.87025	34.21423	169.36147
4 CO	56.89558	61.06629	84.64532	73.03474	4.05783	4.48849	31.53227	135.06932
5 CO	47.55031	51.34829	71.17498	66.87567	3.74656	4.14418	29.11349	110.31872
6 CO	41.32013	44.86961	62.19475	61.37087	3.46547	3.83326	26.92921	92.05479
7 CO	36.86999	40.24199	55.78031	56.44323	3.21131	3.55212	24.95419	78.30249
8 CO	33.53239	36.77127	50.96946	52.02557	2.98121	3.29760	23.16614	67.75388
9 CO	30.93649	34.07182	47.22771	48.05928	2.77264	3.06690	21.54539	59.52335
10 CO	28.85976	31.91227	44.23429	44.49315	2.58335	2.85752	20.07453	52.99877
11 CO	27.16062	30.14536	41.78514	41.28236	2.41138	2.66730	18.73815	47.74881
12 CO	25.74467	28.67294	39.74419	38.38763	2.25495	2.49427	17.52260	43.46417
13 CO	24.54655	27.42704	38.01722	35.77451	2.11251	2.33671	16.41576	39.91936
14 CO	23.51960	26.35913	36.53696	33.41267	1.98268	2.19310	15.40684	36.94757
15 CO	22.62958	25.43360	35.25407	31.27551	1.86421	2.06206	14.48627	34.42372
16 CO	21.85080	24.62376	34.13154	29.33952	1.75602	1.94238	13.64552	32.25294
17 CO	21.16365	23.90921	33.14108	27.58399	1.65712	1.83298	12.87698	30.52354
18 CO	20.55285	23.27404	32.26067	25.99061	1.56663	1.73290	12.17387	28.69637
19 CO	20.00634	22.70574	31.47293	24.54321	1.48379	1.64126	11.53011	27.21087
20 CO	19.16320	21.84398	30.27842	23.22746	1.40789	1.55730	10.94028	25.87202
21 CO	18.07238	20.68649	28.67400	22.03067	1.33830	1.48033	10.39954	24.65329
22 CO	17.08073	19.63423	27.21544	20.94155	1.27447	1.40973	9.90353	23.53402
23 CO	16.17531	18.67348	25.88372	19.95012	1.21589	1.34494	9.44836	22.49811
24 CO	15.34534	17.79279	24.66297	19.04749	1.16212	1.28546	9.03053	21.53315
25 CO	14.58177	16.98254	23.53988	18.22575	1.11276	1.23085	8.64691	20.62967
26 CO	13.87693	16.23463	22.50318	17.47787	1.06742	1.18071	8.29466	19.78042
27 CO	13.22431	15.54212	21.54327	16.79759	1.02581	1.13467	7.97125	18.98004
28 CO	12.61830	14.89907	20.65193	16.17934	0.98761	1.09242	7.67441	18.22454
29 CO	12.05408	14.30037	19.82206	15.61818	0.95256	1.05366	7.40208	17.51104
30 CO	11.52748	13.74159	19.04752	15.10968	0.92043	1.01812	7.15243	16.83742
31 CO	11.03485	13.21885	18.32294	14.64993	0.89101	0.98557	6.92378	16.20221
32 CO	10.57301	12.72879	17.64366	14.23545	0.86410	0.95580	6.71465	15.60430
33 CO	10.13916	12.26843	17.00554	13.86317	0.83952	0.92862	6.52370	15.04284
34 CO	9.73084	11.83515	16.40496	13.53035	0.81713	0.90386	6.34973	14.51719
35 CO	9.34584	11.42662	15.83869	13.23461	0.79679	0.88136	6.19165	14.02666
36 CO	8.98223	11.04079	15.30389	12.97384	0.77837	0.86098	6.04851	13.57059
37 CO	8.63829	10.67582	14.79799	12.74623	0.76176	0.84261	5.91944	13.14826
38 CO	8.31244	10.33006	14.31872	12.55018	0.74686	0.82613	5.80368	12.75879
39 CO	8.00330	10.00203	13.86403	12.38437	0.73359	0.81145	5.70054	12.40120
40 CO	7.70962	9.69040	13.43207	12.24767	0.72187	0.79848	5.60944	12.07429
41 CO	7.43026	9.39397	13.02118	12.13915	0.71163	0.78715	5.52985	11.77662
42 CO	7.16421	9.11165	12.62986	12.05809	0.70281	0.77740	5.46133	11.50662
43 CO	6.91053	8.84247	12.25674	12.00395	0.69536	0.76916	5.40347	11.26235
44 CO	6.66838	8.58552	11.90059	11.97637	0.68925	0.76240	5.35597	11.04165
45 CO	6.43700	8.34000	11.56025	11.97517	0.68444	0.75707	5.31855	10.84196
46 CO	6.21567	8.10515	11.23472	12.00035	0.68089	0.75315	5.29102	10.66041
47 CO	6.00376	7.88029	10.92304	12.05206	0.67860	0.75062	5.27322	10.49365
48 CO	5.80068	7.66480	10.62435	12.13065	0.67755	0.74946	5.26506	10.33789
49 CO	5.80068	7.66480	10.62435	12.23665	0.67773	0.74966	5.26648	10.33789
50 CO	5.80068	7.66480	10.62435	12.37076	0.67915	0.75123	5.27750	10.33789
51 CO	5.80068	7.66480	10.62435	12.53388	0.68181	0.75417	5.29817	10.33789
52 CO	5.80068	7.66480	10.62435	12.72713	0.68573	0.75851	5.32862	10.33789
53 CO	5.80068	7.66480	10.62435	12.95181	0.69093	0.76425	5.36900	10.33789
54 CO	5.80068	7.66480	10.62435	13.20949	0.69743	0.77145	5.41954	10.33789
55 CO	5.80068	7.66480	10.62435	13.50197	0.70528	0.78013	5.48053	10.33789
56 CO	6.33181	8.28389	11.48248	13.83132	0.71452	0.79035	5.55230	12.82756
57 CO	6.86294	8.90298	12.34062	14.19991	0.72519	0.80215	5.63525	15.31723
58 CO	7.39406	9.52208	13.19876	14.61043	0.73737	0.81562	5.72986	17.80689
59 CO	7.92519	10.14117	14.05689	15.06592	0.75111	0.83083	5.83668	20.29656
60 CO	8.45632	10.76026	14.91503	15.56984	0.76651	0.84786	5.95631	22.78623
61 CO	8.98744	11.37935	15.77317	16.12604	0.78364	0.86681	6.08947	25.27589
62 CO	9.51857	11.99844	16.63131	16.73890	0.80262	0.88780	6.23695	27.76556
63 CO	10.04969	12.61753	17.48944	17.41332	0.82356	0.91096	6.39964	30.25523
64 CO	10.58082	13.23663	18.34758	18.15481	0.84658	0.93643	6.57853	32.74489
65 CO	11.11195	13.85572	19.20572	18.96956	0.87183	0.96436	6.77474	35.23456

**Table A-57
Victoria 2015 NOX Emission Rates
for Time Period 3**

	LDGV	LTGT1	LDGT2	HGV	LDDV	LDDT	HDDV	MC
3 NOX	1.81149	2.13086	2.97441	3.25984	1.84594	2.08224	11.22436	0.81670
4 NOX	1.65575	1.94767	2.71870	3.29357	1.76819	1.99454	10.75162	0.78116
5 NOX	1.56231	1.83776	2.56527	3.32730	1.69613	1.91325	10.31342	0.75167
6 NOX	1.50002	1.76448	2.46299	3.36104	1.62931	1.83789	9.90715	0.72776
7 NOX	1.45552	1.71214	2.38993	3.39477	1.56735	1.76799	9.53040	0.70899
8 NOX	1.42215	1.67288	2.33513	3.42850	1.50989	1.70318	9.18100	0.69492
9 NOX	1.39620	1.64235	2.29251	3.46223	1.45661	1.64307	8.85699	0.68514
10 NOX	1.37543	1.61793	2.25842	3.49597	1.40720	1.58733	8.55654	0.67926
11 NOX	1.35844	1.59794	2.23052	3.52970	1.36139	1.53567	8.27804	0.67689
12 NOX	1.34428	1.58129	2.20728	3.56343	1.31895	1.48780	8.01998	0.67766
13 NOX	1.33230	1.56720	2.18760	3.59717	1.27965	1.44346	7.78101	0.68122
14 NOX	1.32204	1.55512	2.17074	3.63090	1.24329	1.40244	7.55989	0.68725
15 NOX	1.31314	1.54465	2.15613	3.66463	1.20967	1.36452	7.35549	0.69542
16 NOX	1.30535	1.53549	2.14335	3.69837	1.17864	1.32952	7.16678	0.70543
17 NOX	1.29848	1.52741	2.13207	3.73210	1.15003	1.29725	6.99284	0.71700
18 NOX	1.29237	1.52022	2.12204	3.76583	1.12371	1.26756	6.83281	0.72986
19 NOX	1.28691	1.51380	2.11307	3.79956	1.09956	1.24032	6.68594	0.74376
20 NOX	1.28995	1.50378	2.09909	3.83330	1.07745	1.21538	6.55152	0.75846
21 NOX	1.29820	1.50551	2.10150	3.86703	1.05729	1.19264	6.42892	0.77375
22 NOX	1.30570	1.50708	2.10369	3.90076	1.03898	1.17198	6.31758	0.78941
23 NOX	1.31255	1.50851	2.10569	3.93450	1.02244	1.15332	6.21699	0.80527
24 NOX	1.31883	1.50982	2.10752	3.96823	1.00759	1.13657	6.12670	0.82115
25 NOX	1.32460	1.51103	2.10921	4.00196	0.99436	1.12166	6.04630	0.83690
26 NOX	1.32993	1.51215	2.11076	4.03570	0.98271	1.10851	5.97543	0.85237
27 NOX	1.33487	1.51318	2.11220	4.06943	0.97257	1.09707	5.91379	0.86746
28 NOX	1.33946	1.51414	2.11354	4.10316	0.96391	1.08730	5.86109	0.88205
29 NOX	1.34372	1.51503	2.11479	4.13690	0.95668	1.07914	5.81713	0.89605
30 NOX	1.34771	1.51586	2.11595	4.17063	0.95085	1.07257	5.78169	0.90939
31 NOX	1.35143	1.51664	2.11704	4.20436	0.94640	1.06755	5.75464	0.92201
32 NOX	1.35493	1.51737	2.11806	4.23809	0.94331	1.06406	5.73585	0.93388
33 NOX	1.35821	1.51806	2.11901	4.27183	0.94157	1.06210	5.72525	0.94496
34 NOX	1.36130	1.51870	2.11992	4.30556	0.94116	1.06164	5.72279	0.95526
35 NOX	1.36421	1.51931	2.12077	4.33929	0.94209	1.06269	5.72846	0.96477
36 NOX	1.36696	1.51989	2.12157	4.37303	0.94437	1.06526	5.74228	0.97353
37 NOX	1.36956	1.52043	2.12233	4.40676	0.94799	1.06934	5.76431	0.98157
38 NOX	1.37203	1.52095	2.12305	4.44049	0.95298	1.07497	5.79466	0.98896
39 NOX	1.37436	1.52144	2.12373	4.47423	0.95936	1.08217	5.83344	0.99576
40 NOX	1.37659	1.52190	2.12438	4.50796	0.96715	1.09096	5.88082	1.00206
41 NOX	1.37870	1.52234	2.12500	4.54169	0.97639	1.10138	5.93701	1.00798
42 NOX	1.38071	1.52276	2.12558	4.57542	0.98712	1.11349	6.00226	1.01363
43 NOX	1.38263	1.52317	2.12614	4.60916	0.99939	1.12732	6.07685	1.01915
44 NOX	1.38446	1.52355	2.12668	4.64289	1.01325	1.14295	6.16111	1.02470
45 NOX	1.38621	1.52391	2.12719	4.67662	1.02875	1.16045	6.25541	1.03044
46 NOX	1.38789	1.52426	2.12768	4.71036	1.04598	1.17988	6.36018	1.03657
47 NOX	1.38949	1.52460	2.12815	4.74409	1.06501	1.20135	6.47589	1.04329
48 NOX	1.39103	1.52492	2.12859	4.77782	1.08593	1.22494	6.60308	1.05082
49 NOX	1.43084	1.58146	2.20751	4.81156	1.10883	1.25078	6.74233	1.08504
50 NOX	1.47065	1.63800	2.28643	4.84529	1.13383	1.27897	6.89431	1.11926
51 NOX	1.51046	1.69453	2.36535	4.87902	1.16103	1.30966	7.05973	1.15347
52 NOX	1.55028	1.75107	2.44427	4.91275	1.19058	1.34299	7.23939	1.18769
53 NOX	1.59009	1.80761	2.52319	4.94649	1.22261	1.37912	7.43417	1.22191
54 NOX	1.62990	1.86415	2.60211	4.98022	1.25729	1.41824	7.64503	1.25613
55 NOX	1.66971	1.92068	2.68103	5.01395	1.29479	1.46054	7.87306	1.29034
56 NOX	1.70953	1.97722	2.75995	5.04769	1.33530	1.50624	8.11940	1.32456
57 NOX	1.74934	2.03376	2.83887	5.08142	1.37904	1.55558	8.38535	1.35878
58 NOX	1.78915	2.09030	2.91779	5.11515	1.42624	1.60881	8.67232	1.39300
59 NOX	1.82897	2.14684	2.99671	5.14889	1.47714	1.66623	8.98185	1.42721
60 NOX	1.86878	2.20337	3.07563	5.18262	1.53204	1.72816	9.31565	1.46143
61 NOX	1.90859	2.25991	3.15455	5.21635	1.59123	1.79493	9.67559	1.49565
62 NOX	1.94840	2.31645	3.23347	5.25009	1.65506	1.86693	10.06371	1.52986
63 NOX	1.98822	2.37299	3.31238	5.28382	1.72390	1.94458	10.48228	1.56408
64 NOX	2.02803	2.42952	3.39130	5.31755	1.79815	2.02834	10.93377	1.59830
65 NOX	2.06784	2.48606	3.47022	5.35128	1.87827	2.11871	11.42092	1.63252

**Table A-58
Victoria 2015 VOC Emission Rates
for Time Period 4**

	LDGV	LTGT1	LDGT2	HGTV	LDDV	LDDT	HDDV	MC
3 VOC	8.51203	10.16920	14.19217	13.22126	1.09706	1.49251	4.43163	10.13553
4 VOC	5.99993	7.21066	10.07327	10.13867	1.04156	1.41700	4.20741	8.60033
5 VOC	4.67745	5.63540	7.87674	8.44648	0.98973	1.34649	3.99805	7.46328
6 VOC	3.87279	4.66849	6.52689	7.33423	0.94131	1.28062	3.80246	6.60505
7 VOC	3.33574	4.01863	5.61880	6.51949	0.89605	1.21904	3.61962	5.94605
8 VOC	3.01454	3.61994	5.05665	5.98635	0.85371	1.16144	3.44860	5.43208
9 VOC	2.77035	3.31520	4.62738	5.53442	0.81409	1.10754	3.28855	5.02545
10 VOC	2.57391	3.06948	4.28214	5.13594	0.77699	1.05707	3.13870	4.69947
11 VOC	2.41218	2.86668	3.99802	4.78191	0.74224	1.00979	2.99831	4.43488
12 VOC	2.27650	2.69607	3.75974	4.46558	0.70966	0.96547	2.86672	4.21757
13 VOC	2.16085	2.55022	3.55672	4.18161	0.67912	0.92391	2.74332	4.03705
14 VOC	2.06093	2.42383	3.38141	3.92575	0.65046	0.88492	2.62754	3.88538
15 VOC	1.97361	2.31300	3.22826	3.69445	0.62355	0.84832	2.51886	3.75649
16 VOC	1.89651	2.21482	3.09312	3.48478	0.59829	0.81395	2.41681	3.64571
17 VOC	1.82785	2.12705	2.97280	3.29423	0.57455	0.78166	2.32093	3.54938
18 VOC	1.76620	2.04796	2.86485	3.12067	0.55225	0.75131	2.23082	3.46462
19 VOC	1.71046	1.97619	2.76730	2.96224	0.53127	0.72277	2.14609	3.38916
20 VOC	1.64157	1.89590	2.65566	2.81924	0.51154	0.69594	2.06640	3.32119
21 VOC	1.57162	1.82126	2.54935	2.69122	0.49298	0.67068	1.99142	3.25928
22 VOC	1.50794	1.75334	2.45265	2.57409	0.47551	0.64692	1.92085	3.20232
23 VOC	1.44973	1.69129	2.36431	2.46680	0.45907	0.62454	1.85441	3.14941
24 VOC	1.39629	1.63437	2.28329	2.36836	0.44358	0.60347	1.79185	3.09987
25 VOC	1.34705	1.58195	2.20871	2.27795	0.42899	0.58362	1.73292	3.05316
26 VOC	1.30153	1.53352	2.13984	2.19480	0.41525	0.56493	1.67740	3.00891
27 VOC	1.25931	1.48864	2.07602	2.11826	0.40230	0.54731	1.62510	2.96682
28 VOC	1.22005	1.44693	2.01673	2.04771	0.39010	0.53071	1.57581	2.92670
29 VOC	1.18343	1.40806	1.96149	1.98263	0.37860	0.51507	1.52936	2.88842
30 VOC	1.14919	1.37174	1.90990	1.92253	0.36776	0.50032	1.48558	2.85191
31 VOC	1.11710	1.33773	1.86160	1.86700	0.35755	0.48643	1.44433	2.81715
32 VOC	1.08696	1.30581	1.81629	1.81564	0.34793	0.47334	1.40546	2.78412
33 VOC	1.05859	1.27580	1.77370	1.76811	0.33886	0.46101	1.36885	2.75286
34 VOC	1.03183	1.24752	1.73358	1.72410	0.33032	0.44939	1.33435	2.72339
35 VOC	1.00656	1.22082	1.69573	1.68332	0.32228	0.43845	1.30188	2.69576
36 VOC	0.98263	1.19557	1.65995	1.64554	0.31472	0.42816	1.27131	2.67000
37 VOC	0.95995	1.17166	1.62607	1.61051	0.30760	0.41847	1.24255	2.64614
38 VOC	0.93842	1.14898	1.59395	1.57803	0.30090	0.40937	1.21552	2.62422
39 VOC	0.91794	1.12744	1.56346	1.54792	0.29462	0.40081	1.19011	2.60423
40 VOC	0.89845	1.10695	1.53446	1.52001	0.28871	0.39278	1.16627	2.58618
41 VOC	0.87985	1.08742	1.50685	1.49414	0.28318	0.38525	1.14391	2.57003
42 VOC	0.86211	1.06881	1.48053	1.47019	0.27799	0.37820	1.12296	2.55575
43 VOC	0.84514	1.05103	1.45541	1.44802	0.27314	0.37160	1.10337	2.54325
44 VOC	0.82890	1.03404	1.43142	1.42753	0.26861	0.36544	1.08507	2.53242
45 VOC	0.81335	1.01777	1.40846	1.40861	0.26439	0.35969	1.06802	2.52314
46 VOC	0.79843	1.00220	1.38648	1.39118	0.26047	0.35435	1.05216	2.51521
47 VOC	0.78411	0.98726	1.36542	1.37515	0.25682	0.34940	1.03745	2.50842
48 VOC	0.77026	0.97278	1.34500	1.36023	0.25346	0.34482	1.02385	2.50249
49 VOC	0.76691	0.96916	1.34005	1.34475	0.25035	0.34060	1.01131	2.50249
50 VOC	0.76376	0.96576	1.33540	1.33071	0.24751	0.33672	0.99981	2.50249
51 VOC	0.76079	0.96255	1.33102	1.31804	0.24491	0.33318	0.98931	2.50249
52 VOC	0.75799	0.95953	1.32689	1.30668	0.24255	0.32997	0.97978	2.50249
53 VOC	0.75534	0.95667	1.32299	1.29657	0.24042	0.32708	0.97119	2.50249
54 VOC	0.75284	0.95397	1.31930	1.28767	0.23852	0.32450	0.96353	2.50249
55 VOC	0.75047	0.95141	1.31581	1.27994	0.23685	0.32223	0.95677	2.50249
56 VOC	0.76901	0.97022	1.34299	1.27333	0.23540	0.32025	0.95089	2.57815
57 VOC	0.78766	0.98916	1.37034	1.26783	0.23416	0.31856	0.94589	2.65381
58 VOC	0.80642	1.00821	1.39786	1.26341	0.23313	0.31716	0.94173	2.72947
59 VOC	0.82527	1.02737	1.42552	1.26004	0.23231	0.31605	0.93843	2.80513
60 VOC	0.84423	1.04663	1.45333	1.25773	0.23170	0.31522	0.93595	2.88080
61 VOC	0.86327	1.06599	1.48126	1.25647	0.23129	0.31466	0.93431	2.95646
62 VOC	0.88239	1.08543	1.50932	1.25624	0.23109	0.31438	0.93348	3.03212
63 VOC	0.90160	1.10496	1.53749	1.25706	0.23109	0.31438	0.93348	3.10778
64 VOC	0.92087	1.12457	1.56576	1.25895	0.23129	0.31466	0.93431	3.18344
65 VOC	0.94021	1.14425	1.59414	1.26190	0.23170	0.31522	0.93595	3.25910

Table A-59
Victoria 2015 CO Emission Rates
for Time Period 4

	LDGV	LTGT1	LDGT2	HOGV	LDDV	LDDT	HDDV	MC
3 CO	71.28481	76.00851	1105.38741	70.96711	4.40297	4.87025	34.21423	140.47540
4 CO	55.96429	60.07481	83.29500	64.83958	4.05783	4.48849	31.53227	112.03207
5 CO	46.77199	50.51459	70.03955	59.37163	3.74656	4.14418	29.11349	91.50290
6 CO	40.64378	44.14110	61.20258	54.48450	3.46547	3.83326	26.92921	76.35404
7 CO	36.26649	39.58862	54.89045	50.10979	3.21131	3.55212	24.95419	64.94732
8 CO	32.98353	36.17425	50.15636	46.18783	2.98121	3.29760	23.16614	56.19786
9 CO	30.43011	33.51863	46.47430	42.66660	2.77264	3.06690	21.54539	49.37113
10 CO	28.38737	31.39414	43.52864	39.50063	2.58335	2.85752	20.07453	43.95937
11 CO	26.71605	29.65592	41.11856	36.65011	2.41138	2.66730	18.73815	39.60484
12 CO	25.32327	28.20740	39.11016	34.08020	2.25495	2.49427	17.52260	36.05098
13 CO	24.14477	26.98173	37.41074	31.76028	2.11251	2.33671	16.41576	33.11077
14 CO	23.13462	25.93116	35.95410	29.66348	1.98268	2.19310	15.40684	30.64584
15 CO	22.25917	25.02066	34.69167	27.76612	1.86421	2.06206	14.48627	28.55246
16 CO	21.49314	24.22397	33.58705	26.04736	1.75602	1.94238	13.64552	26.75192
17 CO	20.81723	23.52102	32.61238	24.48882	1.65712	1.83298	12.87698	25.18394
18 CO	20.21643	22.89617	31.74602	23.07423	1.56663	1.73290	12.17387	23.80196
19 CO	19.67887	22.33708	30.97084	21.78925	1.48379	1.64126	11.53011	22.56982
20 CO	18.84953	21.48932	29.79539	20.62113	1.40789	1.55730	10.94028	21.45932
21 CO	17.77657	20.35062	28.21657	19.55863	1.33830	1.48033	10.39954	20.44845
22 CO	16.80115	19.31545	26.78128	18.59172	1.27447	1.40973	9.90353	19.52009
23 CO	15.91055	18.37029	25.47080	17.71154	1.21589	1.34494	9.44836	18.66086
24 CO	15.09416	17.50389	24.26953	16.91019	1.16212	1.28546	9.03053	17.86049
25 CO	14.34309	16.70681	23.16435	16.18066	1.11276	1.23085	8.64691	17.11110
26 CO	13.64979	15.97104	22.14419	15.51669	1.06742	1.18071	8.29466	16.40670
27 CO	13.00784	15.28977	21.19960	14.91275	1.02581	1.13467	7.97125	15.74283
28 CO	12.41175	14.65717	20.32248	14.36388	0.98761	1.09242	7.67441	15.11619
29 CO	11.85677	14.06819	19.50585	13.86568	0.95256	1.05366	7.40208	14.52438
30 CO	11.33879	13.51848	18.74366	13.41424	0.92043	1.01812	7.15243	13.96566
31 CO	10.85423	13.00423	18.03064	13.00607	0.89101	0.98557	6.92378	13.43878
32 CO	10.39995	12.52212	17.36219	12.63811	0.86410	0.95580	6.71465	12.94285
33 CO	9.97320	12.06924	16.73425	12.30759	0.83952	0.92862	6.52370	12.47716
34 CO	9.57156	11.64299	16.14325	12.01213	0.81713	0.90386	6.34973	12.04116
35 CO	9.19287	11.24110	15.58602	11.74957	0.79679	0.88136	6.19165	11.63429
36 CO	8.83521	10.86153	15.05975	11.51806	0.77837	0.86098	6.04851	11.25600
37 CO	8.49689	10.50249	14.56192	11.31599	0.76176	0.84261	5.91944	10.90571
38 CO	8.17637	10.16234	14.09030	11.14194	0.74686	0.82613	5.80368	10.58267
39 CO	7.87230	9.83963	13.64286	10.99474	0.73359	0.81145	5.70054	10.28607
40 CO	7.58342	9.53306	13.21779	10.87337	0.72187	0.79848	5.60944	10.01491
41 CO	7.30864	9.24145	12.81346	10.77703	0.71163	0.78715	5.52985	9.76801
42 CO	7.04694	8.96371	12.42838	10.70506	0.70281	0.77740	5.46133	9.54406
43 CO	6.79741	8.69890	12.06121	10.65700	0.69536	0.76916	5.40347	9.34146
44 CO	6.55923	8.44613	11.71074	10.63251	0.68925	0.76240	5.35597	9.15840
45 CO	6.33163	8.20459	11.37584	10.63145	0.68444	0.75707	5.31855	8.99277
46 CO	6.11393	7.97355	11.05550	10.65380	0.68089	0.75315	5.29102	8.84219
47 CO	5.90549	7.75234	10.74879	10.69971	0.67860	0.75062	5.27322	8.70386
48 CO	5.70574	7.54035	10.45486	10.76948	0.67755	0.74946	5.26506	8.57468
49 CO	5.70574	7.54035	10.45486	10.86359	0.67773	0.74966	5.26648	8.57468
50 CO	5.70574	7.54035	10.45486	10.98265	0.67915	0.75123	5.27750	8.57468
51 CO	5.70574	7.54035	10.45486	11.12747	0.68181	0.75417	5.29817	8.57468
52 CO	5.70574	7.54035	10.45486	11.29903	0.68573	0.75851	5.32862	8.57468
53 CO	5.70574	7.54035	10.45486	11.49850	0.69093	0.76425	5.36900	8.57468
54 CO	5.70574	7.54035	10.45486	11.72727	0.69743	0.77145	5.41954	8.57468
55 CO	5.70574	7.54035	10.45486	11.98693	0.70528	0.78013	5.48053	8.57468
56 CO	6.22817	8.14939	11.29931	12.27932	0.71452	0.79035	5.55230	10.63971
57 CO	6.75060	8.75843	12.14375	12.60655	0.72519	0.80215	5.63525	12.70474
58 CO	7.27304	9.36747	12.98820	12.97101	0.73737	0.81562	5.72986	14.76977
59 CO	7.79547	9.97651	13.83265	13.37539	0.75111	0.83083	5.83668	16.83480
60 CO	8.31790	10.58555	14.67710	13.82276	0.76651	0.84786	5.95631	18.89984
61 CO	8.84033	11.19459	15.52154	14.31656	0.78364	0.86681	6.08947	20.96487
62 CO	9.36277	11.80364	16.36599	14.86065	0.80262	0.88780	6.23695	23.02990
63 CO	9.88520	12.41267	17.21044	15.45939	0.82356	0.91096	6.39964	25.09493
64 CO	10.40763	13.02172	18.05488	16.11767	0.84658	0.93643	6.57853	27.15997
65 CO	10.93006	13.63076	18.89933	16.84100	0.87183	0.96436	6.77474	29.22500

Table A-60
Victoria 2015 NOX Emission Rates
for Time Period 4

	LDGV	LTGT1	LDGT2	HdGV	LDDV	LDDT	HDDV	MC
3 NOX	1.78656	2.10121	2.93205	3.21087	1.84594	2.08224	11.22436	0.89063
4 NOX	1.63297	1.92057	2.67998	3.24409	1.76819	1.99454	10.75162	0.85187
5 NOX	1.54081	1.81218	2.52874	3.27732	1.69613	1.91325	10.31342	0.81971
6 NOX	1.47938	1.73993	2.42791	3.31054	1.62931	1.83789	9.90715	0.79364
7 NOX	1.43549	1.68832	2.35589	3.34377	1.56735	1.76799	9.53040	0.77317
8 NOX	1.40258	1.64961	2.30188	3.37700	1.50989	1.70318	9.18100	0.75783
9 NOX	1.37698	1.61950	2.25987	3.41022	1.45661	1.64307	8.85699	0.74717
10 NOX	1.35650	1.59541	2.22626	3.44345	1.40720	1.58733	8.55654	0.74075
11 NOX	1.33975	1.57571	2.19876	3.47668	1.36139	1.53567	8.27804	0.73817
12 NOX	1.32579	1.55929	2.17584	3.50990	1.31895	1.48780	8.01998	0.73901
13 NOX	1.31397	1.54539	2.15645	3.54313	1.27965	1.44346	7.78101	0.74289
14 NOX	1.30384	1.53348	2.13983	3.57635	1.24329	1.40244	7.55989	0.74946
15 NOX	1.29507	1.52316	2.12543	3.60958	1.20967	1.36452	7.35549	0.75837
16 NOX	1.28739	1.51412	2.11282	3.64281	1.17864	1.32952	7.16678	0.76929
17 NOX	1.28061	1.50615	2.10170	3.67603	1.15003	1.29725	6.99284	0.78191
18 NOX	1.27459	1.49907	2.09182	3.70926	1.12371	1.26756	6.83281	0.79594
19 NOX	1.26920	1.49273	2.08297	3.74249	1.09956	1.24032	6.68594	0.81109
20 NOX	1.27220	1.48286	2.06920	3.77571	1.07745	1.21538	6.55152	0.82713
21 NOX	1.28033	1.48456	2.07157	3.80894	1.05729	1.19264	6.42892	0.84380
22 NOX	1.28773	1.48611	2.07373	3.84216	1.03898	1.17198	6.31758	0.86088
23 NOX	1.29449	1.48752	2.07570	3.87539	1.02244	1.15332	6.21699	0.87817
24 NOX	1.30068	1.48881	2.07751	3.90862	1.00759	1.13657	6.12670	0.89549
25 NOX	1.30638	1.49001	2.07917	3.94184	0.99436	1.12166	6.04630	0.91266
26 NOX	1.31163	1.49110	2.08070	3.97507	0.98271	1.10851	5.97543	0.92954
27 NOX	1.31650	1.49212	2.08212	4.00830	0.97257	1.09707	5.91379	0.94599
28 NOX	1.32102	1.49307	2.08344	4.04152	0.96391	1.08730	5.86109	0.96190
29 NOX	1.32523	1.49395	2.08467	4.07475	0.95668	1.07914	5.81713	0.97717
30 NOX	1.32916	1.49477	2.08582	4.10798	0.95085	1.07257	5.78169	0.99171
31 NOX	1.33284	1.49554	2.08689	4.14120	0.94640	1.06755	5.75464	1.00548
32 NOX	1.33628	1.49626	2.08789	4.17443	0.94331	1.06406	5.73585	1.01842
33 NOX	1.33952	1.49694	2.08884	4.20765	0.94157	1.06210	5.72525	1.03051
34 NOX	1.34256	1.49757	2.08973	4.24088	0.94116	1.06164	5.72279	1.04174
35 NOX	1.34544	1.49817	2.09057	4.27411	0.94209	1.06269	5.72846	1.05211
36 NOX	1.34815	1.49874	2.09136	4.30733	0.94437	1.06526	5.74228	1.06166
37 NOX	1.35071	1.49928	2.09211	4.34056	0.94799	1.06934	5.76431	1.07043
38 NOX	1.35315	1.49978	2.09281	4.37379	0.95298	1.07497	5.79466	1.07849
39 NOX	1.35545	1.50027	2.09349	4.40701	0.95936	1.08217	5.83344	1.08590
40 NOX	1.35764	1.50073	2.09413	4.44024	0.96715	1.09096	5.88082	1.09278
41 NOX	1.35973	1.50116	2.09474	4.47346	0.97639	1.10138	5.93701	1.09923
42 NOX	1.36171	1.50158	2.09531	4.50669	0.98712	1.11349	6.00226	1.10539
43 NOX	1.36360	1.50197	2.09587	4.53992	0.99939	1.12732	6.07685	1.11141
44 NOX	1.36541	1.50235	2.09639	4.57314	1.01325	1.14295	6.16111	1.11746
45 NOX	1.36714	1.50271	2.09690	4.60637	1.02875	1.16045	6.25541	1.12373
46 NOX	1.36879	1.50306	2.09738	4.63960	1.04598	1.17988	6.36018	1.13041
47 NOX	1.37037	1.50339	2.09784	4.67282	1.06501	1.20135	6.47589	1.13774
48 NOX	1.37188	1.50370	2.09828	4.70605	1.08593	1.22494	6.60308	1.14595
49 NOX	1.41115	1.55945	2.17608	4.73927	1.10883	1.25078	6.74233	1.18327
50 NOX	1.45041	1.61520	2.25387	4.77250	1.13383	1.27897	6.89431	1.22058
51 NOX	1.48968	1.67096	2.33167	4.80573	1.16103	1.30966	7.05973	1.25790
52 NOX	1.52894	1.72671	2.40946	4.83895	1.19058	1.34299	7.23939	1.29521
53 NOX	1.56821	1.78246	2.48726	4.87218	1.22261	1.37912	7.43417	1.33253
54 NOX	1.60747	1.83821	2.56505	4.90541	1.25729	1.41824	7.64503	1.36984
55 NOX	1.64674	1.89396	2.64285	4.93863	1.29479	1.46054	7.87306	1.40716
56 NOX	1.68600	1.94971	2.72065	4.97186	1.33530	1.50624	8.11940	1.44447
57 NOX	1.72527	2.00546	2.79844	5.00508	1.37904	1.55558	8.38535	1.48179
58 NOX	1.76453	2.06121	2.87624	5.03831	1.42624	1.60881	8.67232	1.51910
59 NOX	1.80380	2.11696	2.95403	5.07154	1.47714	1.66623	8.98185	1.55642
60 NOX	1.84306	2.17271	3.03183	5.10476	1.53204	1.72816	9.31565	1.59373
61 NOX	1.88233	2.22847	3.10962	5.13799	1.59123	1.79493	9.67559	1.63105
62 NOX	1.92159	2.28422	3.18742	5.17122	1.65506	1.86693	10.06371	1.66836
63 NOX	1.96086	2.33997	3.26521	5.20444	1.72390	1.94458	10.48228	1.70568
64 NOX	2.00012	2.39572	3.34301	5.23767	1.79815	2.02834	10.93377	1.74299
65 NOX	2.03939	2.45147	3.42080	5.27089	1.87827	2.11871	11.42092	1.78031

**Table A-61
Victoria 1990 24-Hour Diurnal Rates**

	LDGV	LTGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
WtDiurnal (Gm/Mile)	6.93	11.73	18.65	37.19	0.	0.	0.	28.19
Multiple (Gm/Mile)	14.53	21.50	23.93	39.03	0.	0.	0.	0.
Vehicles	39253.	9801.	4525.	2087.	530.	130.	1259.	1336.

**Table A-62
Victoria 1996 24-Hour Diurnal Rates**

	LDGV	LTGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
WtDiurnal (Gm/Mile)	3.03	4.65	7.80	29.58	0.	0.	0.	13.86
Multiple (Gm/Mile)	8.86	11.13	13.16	37.20	0.	0.	0.	0.
Vehicles	41976.	11451.	5010.	2293.	437.	167.	1621.	1360.

**Table A-63
Victoria 2006 24-Hour Diurnal Rates**

	LDGV	LTGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
WtDiurnal (Gm/Mile)	2.09	2.91	3.47	17.41	0.	0.	0.	13.86
Multiple (Gm/Mile)	5.56	6.38	6.95	28.17	0.	0.	0.	0.
Vehicles	44383.	14620.	5927.	2634.	117.	142.	2599.	1161.

**Table A-64
Victoria 2015 24-Hour Diurnal Rates**

	LDGV	LTGT1	LDGT2	HDGV	LDDV	LDDT	HDDV	MC
WtDiurnal (Gm/Mile)	1.96	2.68	3.20	12.86	0.	0.	0.	13.86
Multiple (Gm/Mile)	4.36	4.84	5.24	21.02	0.	0.	0.	0.
Vehicles	48885.	17110.	6832.	3135.	141.	266.	3180.	1116.

